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## TERMS & CONDITIONS

### • Backorders

Our goal is to ship 100% of your order. However, due to shortages and/or market demand, occasional backorders may occur. Under these circumstances, your order will be shipped and the backorder will be held open for 30 days. All backorders will be cancelled after 30 days unless otherwise instructed at time of order. Any payment made for cancelled items will be refunded. Please note that items marked by a \* are discontinued and, if backordered, may take longer to ship.

### • Catalogs

Catalogs will be sent to active customers only. If you receive more than one catalog, please notify our customer service department. If you do not wish to receive future catalogs, notify customer service to have your name removed from our mailing list.

### • Change of Address

Please notify customer service to report a change of address to avoid any shipping delays.

### • C.O.D.

Due to rising shipping costs, we no longer accept C.O.D. orders

### • Comments & Suggestions

We constantly strive to improve our service & selection to meet our customers changing needs. If there are products you would like to see us carry, or if you have any suggestions to improve our service, please email our customer service department at [suggestions@unicornelectronics.com](mailto:suggestions@unicornelectronics.com)

### • Customer Numbers

When you place your first order with Unicorn, a customer number will be assigned. This number will be found on your invoice. Please use this number when inquiring about your order or placing future orders.

### • Customer Service

If you have any questions or problems with your order, please contact customer service

### • Delivery

All orders of in-stock items are usually shipped within 24 hours of receipt. Please allow sufficient time for delivery to your location. Normal method of delivery is via UPS or USPS.

### • Disclaimer

Prices in effect 5/10/10 and are subject to change without notice. We are not responsible for typographical or printing errors.

### • Federal I.D. Number

For use by OEM's, schools & universities, our federal I.D. # is 25-1778125

### • Foreign Orders

All foreign orders must be pre-paid with credit card, cashier's check or money order drawn on a U.S. bank, or bank wire transfer. We do not accept letters of credit. Please do not send cash. Unless otherwise specified, shipment will be via parcel post. Please include 20% for shipping (\$ 9.00 min.), excess will be refunded. Please check your country's import & duty tax, as customer is responsible for all charges.

### • Freight Claims

All claims for damage must be reported to the carrier immediately. Shortages must be reported to Unicorn Electronics within 10 days of receipt. Claims made after 10 days will be disallowed.

### • Hours

We are open 9:00 AM - 5:00 PM ET Monday-Friday.

### • Insured Shipments

All orders under \$100.00 are insured at no charge. Orders over \$100.00 are insured at the rate of 2.00 per \$100 of value. If insurance is not required, please notify us when you place your order. The customer assumes all liability for uninsured shipments.

### • Method of Payment

We accept M/C, VISA & Discovery & American Express with no surcharge. Please include full card number and expiration date. Checks or money orders must be payable in U.S. funds drawn on a U.S. bank. Personal checks are accepted, but order may be subject to hold.

### • Minimum Order

There is no minimum order, however, orders less than \$25.00 (exclusive of sales tax and freight charges) will be subject to a \$5.00 service charge plus freight.

### • Money-Back Guarantee

If for any reason you are not satisfied with your order, you may return it within 30 days for a 100% refund, exclusive of freight charges. Product must be in original, unused condition with all original packing. Books, special buys, & special orders are not returnable.

### • Open Accounts

To apply for an open account, please mail or fax a company letterhead with a bank & 3 trade references. Please include all phone, fax and account numbers. Due to high volume, only applications submitted with an order will be expedited.

### • Pro-Forma Invoices

Pro-forma invoices are provided free of charge via email. Please send request to our international order desk. To expedite your request, please include your email address.

### • Returned Checks

Checks returned for any reason will be subject to a \$35.00 fee.

### • Returns

In order to help track the status of your return, an RMA number is required. Please contact our customer service department to have an RMA number issued and boldly mark it on the outside of your package. Please send your securely packaged shipment back to us via insured and prepaid USPS or UPS. No freight-collect packages will be accepted. Include a copy of your invoice sent with your original order. Books, special buys, and special orders are non-returnable. No returns are allowed after 30 days.

### • Safety

Some of our products require high voltage or emit laser radiation. Please observe all safety precautions when using these products. Unicorn Electronics assumes no liability for damage or injury resulting from mis-use

### • Sales Tax

6% sales tax will be charged on all orders delivered in Pennsylvania. Customers requesting sales tax exemption must have a resale card on file.

### • Shipping Charges

There are no shipping charges on pre-paid orders over \$ 25.00, including credit cards. Free shipping is via UPS or USPS only, within the continental United States. If air shipment is requested, regular shipping charges will apply.

### • Warranty

Unless otherwise noted, Unicorn Electronics warrants all products against defect for a period of 30 days from date of purchase. Product warranty will be limited to repair or replacement of product only, at our discretion. No other warranty, express or implied is given. Some products may carry a longer warranty by the manufacturer, please inquire at time of order.



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# U N I C O R N E L E C T R O N I C S

## 7400

STOCK#	PINS	DESCRIPTION	1-24	25-99	100-999	1000+
7400	14	Quad 2 Input NAND Gate	.69	.66	.59	.53
7400D	SO-14	Quad 2 In. NAND Gate (Surface Mount)	.69	.66	.59	.53
7401	14	Quad 2 Input NAND Gate (O. C.)	.49	.47	.42	.38
7402	14	Quad 2 Input NOR Gate	.69	.66	.59	.53
7403	14	Quad 2 Input NAND Gate (O. C.)	.39	.37	.33	.30
7404	14	Hex Inverter	.79	.75	.68	.61
7404D	SO-14	Hex Inverter (Surface Mount)	.79	.75	.68	.61
7405	14	Hex Inverter (Open Collector)	.45	.43	.39	.35
7406	14	Hex Inverter Buffer/Driver (O. C.)	.49	.47	.42	.38
7406D	SO-14	Hex Inverter Buffer/Driver (O. C.) (SMD)	.49	.47	.42	.38
7407	14	Hex Buffer/Driver (Open Collector)	.45	.43	.39	.35
7407D	SO-14	Hex Buffer/Driver (O. C.) (SMD)	.45	.43	.39	.35
7408	14	Quad 2 Input AND Gate	.79	.75	.68	.61
7408D	SO-14	Quad 2 Input AND Gate (SMD)	.79	.75	.68	.61
7409	14	Quad 2 Input AND Gate (O. C.)	.59	.56	.50	.45
7410	14	Triple 3 Input NAND Gate	.59	.56	.50	.45
7411	14	Triple 3 Input AND Gate	.89	.85	.77	.69
7412	14	Triple 3 Input NAND Gate (O. C.)	.49	.47	.42	.38
7413	14	Dual 4 Input Schmitt Trigger	.69	.66	.59	.53
7414	14	Hex Schmitt Trigger Inverter	.69	.66	.59	.53
7416	14	Hex Inv. Buffer/Driver (O.C.- Hi-Volt.)	.69	.66	.59	.53
7417	14	Hex Buffer/Driver (O.C.- Hi-Volt.)	.79	.75	.68	.61
7420	14	Dual 4 Input NAND Gate	.69	.66	.59	.53
7421	14	Dual 4 Input AND Gate	.89	.85	.77	.69
7422*	14	Dual 4 Input NAND Gate (O. C.)	.69	.66	.59	.53
7423*	16	Expandable Dual 4 Input NOR Gate	.79	.75	.68	.61
7425	14	Dual 4 Input NOR Gate	.69	.66	.59	.53
7426*	14	Quad 2 Input TTL/MOS Interface	.49	.47	.42	.38
7427	14	Triple 3 Input NOR Gate	.59	.56	.50	.45
7428*	14	Quad 2 Input NOR Buffer	.59	.56	.50	.45
7430	14	8 Input NAND Gate	.49	.47	.42	.38
7432	14	Quad 2 Input OR Gate	.69	.66	.59	.53
7432D	SO-14	Quad 2 Input OR Gate (Surface Mount)	.69	.66	.59	.53
7433*	14	Quad 2 Input NOR Buffer (O. C.)	.39	.37	.33	.30
7437*	14	Quad 2 Input NAND Buffer	.19	.18	.16	.15
7438	14	Quad 2 Input NAND Buffer (O. C.)	.39	.37	.33	.30
7439*	14	Quad 2 Input NAND Buffer (O. C.)	1.49	1.42	1.28	1.15
7440	14	Dual 4 Input NAND Buffer	.24	.23	.21	.19
7441*	16	BCD to Decimal Decoder	9.99	9.49	8.54	8.54
7442	16	BCD to Decimal Decoder	1.19	1.13	1.02	.92
7443*	16	Excess 3 Gray to Decimal Decoder	.39	.37	.33	.30
7444*	16	Excess 3 Gray to Decimal Decoder	.89	.85	.77	.69
7445	16	BCD to Decimal Decoder/Driver	1.19	1.13	1.02	.92
7446	16	BCD to 7 Seg. Dec./Driver (30v Out.)	1.39	1.32	1.19	1.07
7447	16	BCD to 7 Seg. Dec./Driver (15v Out.)	1.49	1.42	1.28	1.28
7448*	16	BCD to 7 Segment Decoder/Driver	4.99	4.74	4.27	4.27
7450*	14	Expan. 2 Wide-2 In. AND/OR/Inv. Gate	.39	.37	.33	.30
7451*	14	Dual 2 Wide-2 Input AND/OR/Inv. Gate	.39	.37	.33	.30
7453*	14	Expan. 4 Wide-2 In. AND/OR/Inv. Gate	.29	.28	.25	.22
7454	14	4 Wide-2 Input AND/OR/Inv. Gate	.33	.31	.28	.25
7459*	14	Dual 2 Wide 2/3 In. AND/OR/Inv. Gate	1.99	1.89	1.70	1.70
7460*	14	Dual 4 Input Expander	.33	.31	.28	.28
7470	14	Edge Triggered JK Flip Flop	.69	.66	.59	.59
7472*	14	JK Master/Slave Flip Flop	.79	.75	.68	.61
7473	14	Dual JK Flip Flop with Clear	.89	.85	.77	.69
7474	14	Dual D Edge Triggered Flip Flop	.59	.56	.50	.45
7474D	SO-14	Dual D Edge Triggered Flip Flop (SMD)	.59	.56	.50	.45
7475	16	4 Bit Bi-Stable Latch	1.99	1.89	1.70	1.53
7476	16	Dual JK Flip Flop with Preset	1.99	1.89	1.70	1.53
7479*	14	Dual D Type Flip Flop	3.99	3.79	3.41	3.41
7480*	14	Gated Full Adder	.79	.75	.68	.61
7481*	14	16 x 1 RAM	2.49	2.37	2.13	2.13
7482*	14	2 Bit Binary Full Adder	.79	.75	.68	.61
7483	16	4 Bit Binary Full Adder	1.99	1.89	1.70	1.53
7485	16	4 Bit Magnitude Comparator	1.79	1.70	1.53	1.38
7486	14	Quad 2 Input Exclusive/OR Gate	1.29	1.23	1.11	1.00
7489	16	64 Bit RAM	2.49	2.37	2.13	2.13
7490	14	Decade Counter	1.79	1.70	1.53	1.38
7491*	14	8 Bit Shift Register	.89	.85	.77	.77
7492	14	Divide by 12 Counter	1.19	1.13	1.02	.92
7493	14	4 Bit Binary Counter	1.49	1.42	1.28	1.15
7494*	14	4 Bit Shift Register	1.49	1.42	1.28	1.28
7495	14	4 Bit Right Shift/Left Shift Register	1.19	1.13	1.02	.92
7496*	16	5 Bit Shift Register	.39	.37	.33	.30
7497	16	Synch. 6 Bit Binary Rate Multiplier	1.29	1.23	1.11	1.00
74100*	24	8 Bit Bi-Stable Latch	1.99	1.89	1.70	1.70
74104*	14	Dual JK Edge Triggered Flip Flop	1.99	1.89	1.70	1.70
74105*	14	Gated JK Flip Flop	1.99	1.89	1.70	1.70
74107	14	Dual JK Flip Flop with Clear	.49	.47	.42	.38
74109*	16	Dual JK Edge Triggered Flip Flop	.59	.56	.50	.45
74110*	14	Gated JK Master/Slave Flip Flop	1.99	1.89	1.70	1.70
74111*	16	Dual JK Master/Slave Flip Flop	1.99	1.89	1.70	1.70

STOCK#	PINS	DESCRIPTION	1-24	25-99	100-999	1000+
74116	24	Dual 4 Bit Latch	1.99	1.89	1.70	1.70
74120*	16	Dual Pulse Synchronizer/Driver	1.99	1.89	1.70	1.70
74121	14	Monostable Multivibrator	.89	.85	.77	.69
74122	14	Retriggerable Mono. Multivibrator	.59	.56	.50	.50
74123	16	Dual Retriggerable Mono. Mult.	.79	.75	.68	.61
74125	14	Quad Bus Buffer Gate (T. S. Output)	.99	.94	.85	.77
74126	14	Quad Bus Buffer Gate (T. S. Output)	.59	.56	.50	.50
74128	14	Quad 2 Input NOR Buffer	.59	.56	.50	.45
74132	14	Quad 2 Input Schmitt Trigger	.49	.47	.42	.38
74136*	14	Quad Exclusive/OR Gate	.49	.47	.42	.38
74141*	16	BCD to Decimal Decoder/Driver	2.19	2.08	1.87	1.87
74142*	16	BCD Counter/Latch/Decoder/Driver	4.99	4.74	4.27	4.27
74143*	24	BCD Counter/Latch/Decoder/Driver	4.99	4.74	4.27	4.27
74145	16	BCD to Decimal Decoder/Driver	.59	.56	.50	.50
74148	16	8 to 3 Line Priority Encoder	.79	.75	.68	.61
74150	24	16 Line to 1 Line Selector/Multiplexer	2.29	2.18	1.96	1.96
74151	16	1 of 8 Data Selector/Multiplexer	.59	.56	.50	.45
74152*	14	1 of 8 Selector/Multiplexer	1.49	1.42	1.28	1.28
74153	16	Dual 4 to 1 Data Selector/Multiplexer	.79	.75	.68	.61
74154	24	4 to 16 Line Decoder/Demultiplexer	1.99	1.89	1.70	1.53
74155	16	Dual 2 to 4 Decoder/Demultiplexer	.69	.66	.59	.53
74156*	16	Dual 2 to 4 Decoder/Demult. (O.C.)	.39	.37	.33	.30
74157	16	Quad 2 to 1 Line Data Selector	.79	.75	.68	.61
74158*	16	Quad 2 to 1 Multiplexer (Inv. Output)	1.79	1.70	1.53	1.53
74159	24	4 to 16 Line Decoder/Demultiplexer	1.99	1.89	1.70	1.70
74160	16	4 Bit Decade Counter w/Direct Clear	.49	.47	.42	.38
74161	16	Synchronous 4 Bit Binary Counter	.59	.56	.50	.45
74162*	16	Synchronous 4 Bit Decade Counter	.69	.66	.59	.53
74163	16	Synchronous 4 Bit Binary Counter	.59	.56	.50	.45
74164	14	8 Bit Serial Shift Register	.59	.56	.50	.45
74165	16	8 Bit Shift Register (Parallel Load)	.69	.66	.59	.53
74166*	16	8 Bit Shift Register	.59	.56	.50	.45
74170*	16	4 by 4 Register File	.79	.75	.68	.68
74172*	24	16 Bit Register File	3.99	3.79	3.41	3.41
74173	16	4 Bit D Type Register (T. S. Output)	.79	.75	.68	.61
74174	16	Hex D Type Flip Flop with Direct Clear	.49	.47	.42	.38
74175	16	Quad D Type Flip Flop w/Direct Clear	.79	.75	.68	.61
74176*	14	Presetable Decade/Biquinary Counter	1.49	1.42	1.28	1.15
74177*	14	Presetable Binary Counter	1.49	1.42	1.28	1.15
74178*	14	4 Bit Universal Shift Register	1.79	1.70	1.53	1.53
74179*	16	4 Bit Universal Shift Register	1.99	1.89	1.70	1.70
74180	14	8 Bit Odd/Even Parity Gen./Checker	1.79	1.70	1.53	1.38
74181*	24	Arithmetic Logic Unit/Function Gen.	2.99	2.65	2.39	2.39
74182*	16	Look Ahead Carry Generator	.79	.75	.68	.61
74184*	16	BCD to Binary Code Converter	1.99	1.89	1.70	1.70
74189*	16	16 x 4 RAM (Tri-State Output)	2.49	2.37	2.13	2.13
74190	16	Synch. Up/Down Decade Counter	2.19	2.08	1.87	1.87
74191	16	Synch. Up/Down Binary Counter	1.49	1.42	1.28	1.28
74192	16	Synch. Up/Down Binary Counter	2.79	2.65	2.39	2.39
74193	16	Synch. Up/Down Binary Counter	1.79	1.70	1.53	1.38
74194	16	4 Bit Bi-Directional Shift Register	1.29	1.23	1.11	1.11
74195	16	4 Bit Parallel Access Shift Register	1.29	1.23	1.11	1.11
74196*	14	Presetable Decade/Biquinary Counter	3.29	3.13	2.82	2.54
74197*	14	Presetable Binary Counter/Latch	.99	.94	.85	.77
74198	24	8 Bit Bi-Directional Shift Register	3.29	3.13	2.82	2.54
74199	24	8 Bit Bi-Directional Shift Register	.99	.94	.85	.77
74221	16	Dual Monostable Multivibrator	1.19	1.13	1.02	.92
74246*	16	BCD to 7 Seg. Dec./Driver (O.C.- 30v)	2.49	2.37	2.13	2.13
74247*	16	BCD to 7 Seg. Dec./Driver (O.C.- 15v)	2.49	2.37	2.13	2.13
74248*	16	BCD to 7 Segment Decoder/Driver	2.49	2.37	2.13	2.13
74249*	16	BCD to 7 Segment Dec./Driver (O.C.)	2.49	2.37	2.13	2.13
74251*	16	Data Selector/Multiplexer (T.S. Out.)	.79	.75	.68	.68
74259	16	8 Bit Addressable Latch	.69	.66	.59	.53
74265*	16	Quad Complementary Output Elements	.69	.66	.59	.53
74273	20	Octal D Type Flip Flop	1.79	1.70	1.53	1.53
74276*	20	Quad Edge Triggered JK Flip Flop	.99	.94	.85	.77
74279	16	Quad S-R Latch	.99	.94	.85	.77
74283*	16	4 Bit Binary Full Adder	1.99	1.89	1.70	1.70
74284*	16	4 by 4 Bit Parallel Binary Multiplier	1.99	1.89	1.70	1.70
74285*	16	4 by 4 Bit Parallel Binary Multiplier	1.99	1.89	1.70	1.70
74290*	14	Decade Counter	1.99	1.89	1.70	1.70
74293	14	4 Bit Binary Counter	1.99	1.89	1.70	1.70
74298*	16	Quad 2 Input Multiplexer with Storage	.49	.47	.42	.42
74365	16	Hex Bus Driver (Tri-State Output)	.79	.75	.68	.68
74366*	16	Hex Bus Driver (Inverted Tri-State Out.)	.79	.75	.68	.68
74367	16	Hex Bus Driver (Tri-State Output)	.79	.75	.68	.68
74368	16	Hex Bus Driver (Inverted Tri-State Out.)	.79	.75	.68	.68
74376*	16	Quad JK Flip Flop with Clear	.79	.75	.68	.68
74390	16	Dual Decade Counter	.79	.75	.68	.68
74393	14	Dual 4 Bit Binary Counter	.79	.75	.68	.68
74425*	14	Quad Gate (Tri-State Output)	2.99	2.84	2.56	2.56
74426*	14	Quad Gate (Tri-State Output)	2.99	2.84	2.56	2.56

\*DISCONTINUED - STOCK CONDITIONS MAY VARY

# U N I C O R N E L E C T R O N I C S

## 74LS

STOCK#	PINS	DESCRIPTION	1-24	25-99	100-999	1000+
74LS00	14	Quad 2 Input NAND Gate	.27	.26	.23	.21
74LS00D	SO-14	Quad 2 Input NAND Gate (SMD)	.27	.26	.23	.21
74LS01*	14	Quad 2 Input NAND Gate (O. C.)	.27	.26	.23	.21
74LS02	14	Quad 2 Input NOR Gate	.27	.26	.23	.21
74LS02D	SO-14	Quad 2 Input NOR Gate (SMD)	.27	.26	.23	.21
74LS03	14	Quad 2 Input NAND Gate (O. C.)	.27	.26	.23	.21
74LS04	14	Hex Inverter	.27	.26	.23	.21
74LS04D	SO-14	Hex Inverter (Surface Mount)	.27	.26	.23	.21
74LS05	14	Hex Inverter (Open Collector)	.29	.28	.25	.22
74LS05D	SO-14	Hex Inverter (Open Collector) (SMD)	.29	.28	.25	.22
74LS06	14	Hex Inverter /Buffer/Driver (O. C.)	.59	.56	.50	.45
74LS07	14	Hex Buffer/Driver (Open Collector)	.59	.56	.50	.45
74LS08	14	Quad 2 Input AND Gate	.27	.26	.23	.21
74LS08D	SO-14	Quad 2 Input AND Gate (SMD)	.27	.26	.23	.21
74LS09	14	Quad 2 Input AND Gate (O. C.)	.33	.31	.28	.25
74LS10	14	Triple 3 Input NAND Gate	.33	.31	.28	.25
74LS10D	SO-14	Triple 3 Input NAND Gate (SMD)	.33	.31	.28	.25
74LS11	14	Triple 3 Input AND Gate	.33	.31	.28	.25
74LS12*	14	Triple 3 Input NAND Gate	.29	.28	.25	.22
74LS13	14	Dual 4 Input Schmitt Trigger	.79	.75	.68	.61
74LS13D	SO-14	Dual 4 Input Schmitt Trigger (SMD)	.79	.75	.68	.61
74LS14	14	Hex Schmitt Trigger Inverter	.27	.26	.23	.21
74LS14D	SO-14	Hex Schmitt Trigger Inverter (SMD)	.27	.26	.23	.21
74LS15*	14	Triple 3 Input AND Gate	.39	.37	.33	.33
74LS20	14	Dual 4 Input NAND Gate	.39	.37	.33	.33
74LS20D	SO-14	Dual 4 Input NAND Gate (SMD)	.39	.37	.33	.33
74LS21	14	Dual 4 Input AND Gate	.33	.31	.28	.25
74LS22*	14	Dual 4 Input NAND Gate (O. C.)	.29	.28	.25	.22
74LS26	14	Quad 2 Input TTL/MOS Interface	.29	.28	.25	.22
74LS27	14	Triple 3 Input NOR Gate	.29	.28	.25	.22
74LS28	14	Quad 2 Input NOR Buffer	.33	.31	.28	.25
74LS30	14	8 Input NAND Gate	.24	.23	.21	.19
74LS32	14	Quad 2 Input OR Gate	.24	.23	.21	.19
74LS32D	SO-14	Quad 2 Input OR Gate (SMD)	.24	.23	.21	.19
74LS33	14	Quad 2 Input NOR Buffer (O. C.)	.19	.18	.16	.16
74LS37	14	Quad 2 Input NAND Buffer	.19	.18	.16	.16
74LS38	14	Quad 2 Input NAND Buffer (O. C.)	.19	.18	.16	.16
74LS40	14	Dual 4 Input NAND Buffer	.33	.31	.28	.25
74LS42	16	BCD to Decimal Decoder	.69	.66	.59	.53
74LS47	16	BCD to 7 Seg. Dec./Driver (15v Out)	.89	.85	.77	.69
74LS48	16	BCD to 7 Segment Decoder/Driver	3.29	3.13	2.82	2.82
74LS49*	14	BCD to 7 Segment Decoder/Driver	.99	.94	.85	.77
74LS51	14	Dual 2 Wide-2 In. AND/OR/Invert Gate	.29	.28	.25	.22
74LS54	14	4 Wide-2 Input AND/OR/Invert Gate	.39	.37	.33	.30
74LS55*	14	2 Wide-4 Input AND/OR/Invert Gate	.33	.31	.28	.25
74LS73	14	Dual JK Flip Flop with Clear	.69	.66	.59	.53
74LS74	14	Dual D Edge Triggered Flip Flop	.29	.28	.25	.22
74LS74D	SO-14	Dual D Edge Triggered Flip Flop (SMD)	.29	.28	.25	.22
74LS75	16	4 Bit Bi-Stable Latch	.79	.75	.68	.61
74LS75D	SO-16	4 Bit Bi-Stable Latch (SMD)	.79	.75	.68	.61
74LS76	16	Dual JK Flip Flop with Preset	1.09	1.04	.94	.85
74LS78*	14	Dual JK Flip Flop with Preset	1.19	1.13	1.02	1.02
74LS83	16	4 Bit Binary Full Adder	1.49	1.42	1.28	1.15
74LS85	16	4 Bit Magnitude Comparator	.59	.56	.50	.45
74LS86	14	Quad 2 Input Exclusive/OR Gate	.29	.28	.25	.22
74LS86D	SO-14	Quad 2 In. Exclusive/OR Gate (SMD)	.29	.28	.25	.22
74LS90	14	Decade Counter	.89	.85	.77	.69
74LS91*	14	8 Bit Shift Register	.69	.66	.59	.53
74LS92	14	Divide by 12 Counter	.69	.66	.59	.53
74LS93	14	4 Bit Binary Counter	.79	.75	.68	.61
74LS95	14	4 Bit Right Shift/Left Shift Register	1.29	1.23	1.11	1.00
74LS96*	16	5 Bit Shift Register	1.09	1.04	.94	.85
74LS107	14	Dual JK Flip Flop with Clear	.69	.66	.59	.53
74LS109	16	Dual JK Edge Triggered Flip Flop	.59	.56	.50	.45
74LS112	16	Dual JK Edge Triggered Flip Flop	.33	.31	.28	.25
74LS113	14	Dual JK Edge Triggered Flip Flop	.49	.47	.42	.38
74LS114	14	Dual JK Edge Triggered Flip Flop	.49	.47	.42	.38
74LS122	14	Retriggerable Mono. Multivibrator	.33	.31	.28	.25
74LS123	16	Dual Retriggerable Mono. Multi.	.33	.31	.28	.25
74LS123D	SO-16	Dual Ret. Mono. Multivibrator (SMD)	.33	.31	.28	.25
74LS125	14	Quad Bus Buffer Gate (Tri-State Out.)	.33	.31	.28	.25
74LS125D	SO-14	Quad Bus Buffer Gate (T.S. Out.) (SMD)	.33	.31	.28	.25
74LS126	14	Quad Bus Buffer Gate (Tri-State Out.)	.33	.31	.28	.25
74LS126D	SO-14	Quad Bus Buffer Gate (Tri-State) (SMD)	.33	.31	.28	.25
74LS132	14	Quad 2 Input Schmitt Trigger	.39	.37	.33	.30
74LS133	16	13 Input NAND Gate	.33	.31	.28	.25
74LS136	14	Quad Exclusive/OR Gate (O. C.)	.33	.31	.28	.25
74LS137	16	3 to 8 Line Decoder/Demultiplexer	.79	.75	.68	.61
74LS138	16	3 to 8 Line Decoder/Demultiplexer	.29	.28	.25	.22
74LS138D	SO-16	3 to 8 Line Decoder/Demult. (SMD)	.29	.28	.25	.22
74LS139	16	Dual 2 to 4 Line Decoder/Demult.	.29	.28	.25	.22
74LS139D	SO-16	Dual 2 to 4 Line Dec./Demult. (SMD)	.29	.28	.25	.22
74LS145	16	BCD to Decimal Decoder/Driver	.49	.47	.42	.38
74LS147	16	10 to 4 Line Priority Encoder	3.49	3.32	2.99	2.69

STOCK#	PINS	DESCRIPTION	1-24	25-99	100-999	1000+
74LS148	16	8 to 3 Line Octal Priority Encoder	.79	.75	.68	.61
74LS151	16	1 of 8 Data Selector/Multiplexer	.39	.37	.33	.30
74LS151D	SO-16	1 of 8 Data Selector/Multiplexer (SMD)	.39	.37	.33	.30
74LS153	16	Dual 4 to 1 Data Selector/Multiplexer	.39	.37	.33	.30
74LS153D	SO-16	Dual 4 to 1 Data Sel./Mult. (SMD)	.39	.37	.33	.30
74LS154	24	4 to 16 Line Decoder/Demultiplexer	3.49	3.32	2.99	2.69
74LS155	16	Dual 2 to 4 Decoder/Demultiplexer	.49	.47	.42	.38
74LS156	16	Dual 2 to 4 Decoder/Demult. (O.C.)	.33	.31	.28	.25
74LS157	16	Quad 2 to 1 Line Data Selector	.29	.28	.25	.22
74LS157D	SO-16	Quad 2 to 1 Line Data Selector (SMD)	.29	.28	.25	.22
74LS158	16	Quad 2 to 1 Line Multiplexer (Inv.)	.33	.31	.28	.25
74LS160	16	4 Bit Decade Counter with Direct Clear	1.29	1.23	1.11	1.00
74LS161	16	Synchronous 4 Bit Binary Counter	.33	.31	.28	.25
74LS162	16	Synchronous 4 Bit Decade Counter	.45	.43	.39	.35
74LS163	16	Synchronous 4 Bit Binary Counter	.39	.37	.33	.30
74LS163D	SO-16	Synch. 4 Bit Binary Counter (SMD)	.39	.37	.33	.30
74LS164	14	8 Bit Serial Shift Register	.33	.31	.28	.25
74LS165	16	8 Bit Shift Register (Parallel Load)	.39	.37	.33	.30
74LS166	16	8 Bit Shift Register	.39	.37	.33	.30
74LS166D	SO-16	8 Bit Shift Register (SMD)	.39	.37	.33	.30
74LS168*	16	Synch. Up/Down Decade Counter	1.49	1.42	1.28	1.15
74LS169	16	Synch. Up/Down Binary Counter	.49	.47	.42	.38
74LS170	16	4 by 4 Register File	.49	.47	.42	.38
74LS173	16	4 Bit D Type Register (Tri-State Out.)	.59	.56	.50	.45
74LS174	16	Hex D Type Flip Flop with Direct Clear	.39	.37	.33	.30
74LS174D	SO-16	Hex D Type FF with Dir. Clear (SMD)	.39	.37	.33	.30
74LS175	16	Quad D Type Flip Flop with Dir. Clear	.29	.28	.25	.22
74LS175D	SO-16	Quad D Type FF with Dir. Clear (SMD)	.29	.28	.25	.22
74LS181	24	Arithmetic Logic Unit/Function Gen.	1.99	1.89	1.70	1.53
74LS189*	16	16 x 4 RAM (Tri-State Output)	3.49	3.32	2.99	2.99
74LS190	16	Synch. Up/Down Decade Counter	2.49	2.37	2.13	1.82
74LS191	16	Synch. Up/Down Binary Counter	.45	.43	.39	.35
74LS191D	SO-16	Synch. Up/Down Binary Counter (SMD)	.45	.43	.39	.35
74LS192	16	Synch. Up/Down Dual Clock Counter	2.49	2.37	2.13	1.82
74LS193	16	Synch. Up/Down Binary Counter	.49	.47	.42	.38
74LS194	16	4 Bit Bi-Directional Shift Register	.59	.56	.50	.45
74LS195	14	4 Bit Parallel Access Shift Register	1.49	1.42	1.28	1.15
74LS196	14	Presetable Decade/Biquinary Counter	.69	.66	.59	.53
74LS197	14	Presetable Binary Counter/Latch	.69	.66	.59	.53
74LS221	16	Dual Monostable Multivibrator	.49	.47	.42	.38
74LS240	20	Octal Inverting Bus/Line Driver	.39	.37	.33	.30
74LS240D	SO-20	Octal Inverting Bus/Line Driver (SMD)	.39	.37	.33	.30
74LS241	20	Octal Bus/Line Driver	.39	.37	.33	.30
74LS242	14	Quad Bus Transceiver	.45	.43	.39	.35
74LS243	14	Quad Receiver (Tri-State Output)	.45	.43	.39	.35
74LS244	20	Octal Driver (Tri-State Output)	.39	.37	.33	.30
74LS244D	SO-20	Octal Driver (Tri-State Output) (SMD)	.39	.37	.33	.30
74LS245	20	Octal Bus Transceiver	.39	.37	.33	.30
74LS245D	SO-20	Octal Bus Transceiver (SMD)	.39	.37	.33	.30
74LS247	16	BCD to 7 Seg. Dec./Driver (O.C.-15v)	.69	.66	.59	.53
74LS248*	16	BCD to 7 Segment Decoder/Driver	1.49	1.42	1.28	1.15
74LS249*	16	BCD to 7 Seg. Decoder/Driver (O.C.)	1.49	1.42	1.28	1.15
74LS251	16	Data Selector/Multiplexer (T.S.)	.29	.28	.25	.22
74LS251D	SO-16	Data Sel./Multiplexer (T.S. Out.) (SMD)	.29	.28	.25	.22
74LS253	16	Dual 4 Input Multi.(Tri-State Out.)	.49	.47	.42	.38
74LS257	16	Quad 2 Input Multi.(Tri-State Out.)	.29	.28	.25	.22
74LS258	16	Quad 2 to 1 Multiplexer	.49	.47	.42	.38
74LS259	16	8 Bit Addressable Latch	.33	.31	.28	.25
74LS260	14	Dual 5 Input NOR Gate	.49	.47	.42	.38
74LS261	16	2 Bit x 4 Bit Parallel Binary Multiplier	2.49	2.37	2.13	2.13
74LS266	14	Quad 2 Input Ex./NOR Gate (O.C.)	.45	.43	.39	.35
74LS273	20	Octal D Type Flip Flop	.45	.43	.39	.35
74LS273D	SO-20	Octal D Type Flip Flop (SMD)	.45	.43	.39	.35
74LS275*	16	7 Bit Slice (Wallace Tree)	6.99	6.64	5.98	5.90
74LS279	16	Quad S-R Latch	.49	.47	.42	.38
74LS280	14	9 Bit Odd/Even Parity Gen./Checker	.19	.18	.16	.16
74LS283	16	4 Bit Binary Full Adder	.59	.56	.50	.45
74LS283D	SO-16	4 Bit Binary Full Adder (SMD)	.59	.56	.50	.45
74LS289*	16	64 Bit RAM (Open Collector)	4.99	4.74	4.27	3.84
74LS290	14	Decade Counter	.55	.52	.47	.42
74LS293	14	4 Bit Binary Counter	.79	.75	.68	.61
74LS295*	14	4 Bit Bi-Directional Shift Register	1.99	1.89	1.70	1.53
74LS298	16	Quad 2 In. Multiplexer with Storage	.69	.66	.59	.59
74LS299	20	8 Bit Universal Shift/Storage Register	.89	.85	.77	.69
74LS322*	20	8 Bit Shift Register	1.49	1.42	1.28	1.15
74LS323*	20	8 Bit Bi-Directional Shift/Storage Reg.	1.49	1.42	1.28	1.15
74LS347*	16	BCD to 7 Seg. Dec./Driver (O.C.)	1.49	1.42	1.28	1.15
74LS352*	16	Dual 4 to 1 Data Selector/Mult. (Inv.)	1.49	1.42	1.28	1.15
74LS353*	16	Dual 4 to 1 Data Sel./Mult. (Inv.-T.S.)	1.49	1.42	1.28	1.15
74LS357*	20	8 In. Multi./Data Selector/Reg. (O.C.)	1.49	1.42	1.28	1.15
74LS363*	20	8 Bit D Type Transparent Latch (T.S.)	1.49	1.42	1.28	1.15
74LS364*	20	Octal D Type Transparent Latch	1.49	1.42	1.28	1.15
74LS365	16	Hex Bus Driver (Tri-State Output)	.33	.31	.28	.25
74LS366	16	Hex Bus Driver (Inverted-T.S.)	.33	.31	.28	.25

\*DISCONTINUED - STOCK CONDITIONS MAY VARY

# U N I C O R N E L E C T R O N I C S

## 74LS (continued)

STOCK#	PINS	DESCRIPTION	1-24	25-99	100-999	1000+
74LS367	16	Hex Bus Driver (Tri-State Output)	.33	.31	.28	.25
74LS368	16	Hex Bus Driver (Inverted-T.S.)	.33	.31	.28	.25
74LS368D	SO-16	Hex Bus Driver (Inverted-T.S.) (SMD)	.33	.31	.28	.25
74LS373	20	Octal D Type Latch (Tri-State Output)	.39	.37	.33	.30
74LS373D	SO-20	Octal D Type Latch (T.S. Out.) (SMD)	.39	.37	.33	.30
74LS374	20	Octal D Type Flip Flop (Tri-State Out.)	.39	.37	.33	.30
74LS374D	SO-20	Octal D Type Flip Flop (T.S. Out.) (SMD)	.39	.37	.33	.30
74LS375	16	4 Bit Bi-Stable Latch	.49	.47	.42	.42
74LS377	20	Octal D Type Flip Flop	.49	.47	.42	.38
74LS378*	16	Hex D Type Flip Flop	.79	.75	.68	.61
74LS379*	16	Quad D Type Flip Flop	1.29	1.23	1.11	1.00
74LS384*	16	8 Bit Serial/Parallel Comp. Multiplier	.99	.94	.85	.77
74LS385*	16	Quad Serial Adder/Subtractor	3.99	3.79	3.41	3.30
74LS386*	14	Quad 2 Input Exclusive/OR Gate	.39	.37	.33	.33
74LS390	16	Dual Decade Counter	.39	.37	.33	.30
74LS393	14	Dual 4 Bit Binary Counter	.49	.47	.42	.38
74LS393D	SO-14	Dual 4 Bit Binary Counter (SMD)	.49	.47	.42	.38
74LS395	16	4 Bit Universal Shift Register (T.S.)	.39	.37	.33	.30
74LS399*	16	Quad 2 Input Multiplexer with Storage	.99	.94	.85	.77
74LS424*	16	Clock Generator/Driver	3.49	3.32	2.99	2.85
74LS447*	16	BCD to 7 Seg. Decoder/Driver (O.C.)	3.49	3.32	2.99	2.85
74LS467*	20	Octal Buffer (Tri-State Output)	3.49	3.32	2.99	2.85
74LS471*	20	256 x 8 Bi-Polar Prom (Tri-State Out.)	11.99	11.39	10.25	10.05
74LS490*	16	Dual Decade Counter	9.99	9.49	8.54	8.54
74LS534*	20	Octal D Type Flip Flop (Tri-State Out.)	.79	.75	.68	.61
74LS540	20	Octal Buffer/Line Driver (Tri-State Out.)	.69	.66	.59	.53
74LS541	20	Octal Buffer/Line Driver (Tri-State Out.)	.59	.56	.50	.45
74LS573	20	Octal D Type Latch (Tri-State Output)	1.99	1.89	1.70	1.53
74LS574	20	Octal D Type Flip Flop (Tri-State Out.)	1.99	1.89	1.70	1.53
74LS590	16	8 Bit Binary Counter (Tri-State Out.)	3.99	3.79	3.41	3.41
74LS595	16	8 Bit Ser. to Parallel Shift Reg.(T.-S.)	3.99	3.79	3.41	3.41
74LS612*	40	Memory Mapper	4.99	4.74	4.27	4.27
74LS620*	20	Octal Bus Transceiver	3.49	3.32	2.99	2.85
74LS624*	14	Voltage Controlled Oscillator	1.99	1.89	1.70	1.53
74LS629	16	Dual Voltage Controlled Oscillator	1.99	1.89	1.70	1.53
74LS639*	20	Octal Bus Transceiver	4.99	4.74	4.27	4.10
74LS640	20	Octal Bus Transceiver (Inverted-T.S.)	.49	.47	.42	.38
74LS640D	SO-20	Octal Bus Transceiver (Inv.-T.S.) (SMD)	.49	.47	.42	.38
74LS641*	20	Octal Bus Transceiver	1.19	1.13	1.02	.92
74LS645	20	Octal Bus Transceiver (Tri-State Out.)	.89	.85	.77	.77
74LS646	S-24	Octal Bus Transceiver	1.99	1.89	1.70	1.53
74LS668*	16	Synchronous 4 Bit Up/Down Counter	1.99	1.89	1.70	1.53
74LS669*	16	Synchronous 4 Bit Up/Down Counter	1.99	1.89	1.70	1.53
74LS670	16	4 x 4 Register File (Tri-State Output)	.39	.37	.33	.30
74LS674*	24	16 Bit Shift Register	19.99	18.99	17.09	17.09
74LS682*	20	8 Bit Magnitude Comparator	1.49	1.42	1.28	1.15
74LS683*	20	8 Bit Magnitude Comparator (O. C.)	1.79	1.70	1.53	1.45
74LS684*	20	8 Bit Magnitude Comparator	2.49	2.37	2.13	2.13
74LS685*	20	8 Bit Magnitude Comparator (O. C.)	2.99	2.84	2.56	2.30
74LS688	20	8 Bit Magnitude Comparator	.89	.85	.77	.72
74LS689*	20	8 Bit Magnitude Comparator (O. C.)	2.99	2.84	2.56	2.30
74LS962*	18	Dual Rank 8 Bit Shift Registers (T.S.)	2.99	2.84	2.56	2.30
81LS95	20	Octal Buffer (Tri-State Output)	2.99	2.84	2.56	2.30
81LS96	20	Octal Buffer (Inverting-Tri-State Out.)	2.99	2.84	2.56	2.30
81LS97	20	Octal Buffer (Tri-State Output)	2.99	2.84	2.56	2.30
81LS98	20	Octal Buffer (Inverting-Tri-State Out.)	2.99	2.84	2.56	2.30
25LS2569	20	Up/Down Binary Counter (T.S.)	2.49	2.37	2.13	1.92

## 74S

STOCK#	PINS	DESCRIPTION	1-24	25-99	100-999	1000+
74S00	14	Quad 2 Input NAND Gate	.19	.18	.16	.15
74S02	14	Quad 2 Input NOR Gate	.39	.37	.33	.30
74S03*	14	Quad 2 Input NAND Gate (O. C.)	.39	.37	.33	.30
74S04	14	Hex Inverter	.33	.31	.28	.25
74S05	14	Hex Inverter (Open Collector)	.39	.37	.33	.30
74S05D	SO-14	Hex Inverter (Open Collector) (SMD)	.39	.37	.33	.30
74S08	14	Quad 2 Input AND Gate	.39	.37	.33	.30
74S09	14	Quad 2 Input AND Gate (O. C.)	.69	.66	.59	.53
74S10	14	Triple 3 Input NAND Gate	.49	.47	.42	.38
74S11	14	Triple 3 Input AND Gate	.39	.37	.33	.30
74S15*	14	Triple 3 Input AND Gate	.69	.66	.59	.53
74S20	14	Dual 4 Input NAND Gate	.49	.47	.42	.38
74S22*	14	Dual 4 Input NAND Gate (O. C.)	.49	.47	.42	.38
74S30	14	8 Input NAND Gate	.29	.28	.25	.25
74S32	14	Quad 2 Input OR Gate	.39	.37	.33	.30
74S37*	14	Quad 2 Input NAND Buffer	.29	.28	.25	.25
74S38*	14	Quad 2 Input NAND Buffer (O. C.)	.29	.28	.25	.25
74S40	14	Dual 4 Input NAND Buffer	.55	.52	.47	.42
74S51	14	Dual 2 Wide-2 Input AND/OR/Inv. Gate	.29	.28	.25	.22
74S51D	SO-14	Dual 2 Wide-2 Input AND/OR/Inv. Gate	.33	.31	.28	.25
74S64*	14	AND/OR Invert Gate	.49	.47	.42	.38
74S65*	14	AND/OR Invert Gate (Open Collector)	.49	.47	.42	.38

STOCK#	PINS	DESCRIPTION	1-24	25-99	100-999	1000+
74S74	14	Dual D Edge Triggered Flip Flop	.39	.37	.33	.30
74S85*	16	4 Bit Magnitude Comparator	.79	.75	.68	.61
74S86	14	Quad 2 Input Exclusive/OR Gate	.49	.47	.42	.38
74S109*	16	Dual JK Edge Triggered Flip Flop	.49	.47	.42	.38
74S112	16	Dual JK Edge Triggered Flip Flop	.49	.47	.42	.38
74S113	14	Dual JK Edge Triggered Flip Flop	.79	.75	.68	.61
74S114	14	Dual JK Edge Triggered Flip Flop	.99	.94	.85	.77
74S124	16	Dual Voltage Controlled Oscillator	2.79	2.65	2.39	2.15
74S132	14	Quad 2 Input Schmitt Trigger	.69	.66	.59	.53
74S133D	SO-16	13 Input NAND Gate	.39	.37	.33	.30
74S134	16	12 Input NAND Gate (Tri-State Output)	.79	.75	.68	.61
74S135*	16	Quad Exclusive/OR/NOR Gate	.99	.94	.85	.85
74S136*	14	Quad Exclusive/OR Gate (O. C.)	.49	.47	.42	.38
74S138	16	3 to 8 Line Decoder/Demultiplexer	.29	.28	.25	.22
74S139	16	Dual 2 to 4 Line Decoder/Demultiplexer	.29	.28	.25	.22
74S151	16	1 of 8 Data Selector/Multiplexer	.59	.56	.50	.45
74S153	16	Dual 4 to 1 Data Selector/Multiplexer	.59	.56	.50	.45
74S157	16	Quad 2 to 1 Line Data Selector	.59	.56	.50	.45
74S158*	16	Quad 2 to 1 Line Multiplexer (Inverted)	.59	.56	.50	.45
74S160*	16	4 Bit Decade Counter with Direct Clear	.59	.56	.50	.45
74S162*	16	Synchronous 4 Bit Decade Counter	.79	.75	.68	.61
74S163*	16	Synchronous 4 Bit Binary Counter	1.39	1.32	1.19	1.19
74S169*	16	Synchronous Up/Down Binary Counter	1.29	1.23	1.11	1.00
74S174	16	Hex D Type Flip Flop with Direct Clear	.79	.75	.68	.61
74S175	16	Quad D Type Flip Flop with Direct Clear	.79	.75	.68	.61
74S181*	24	Arithmetic Logic Unit/Function Generator	1.99	1.89	1.70	1.70
74S182*	16	Look Ahead Carry Generator	.99	.94	.85	.85
74S188	16	256 Bit PROM (Open Collector)	5.49	5.22	4.70	4.23
74S189	16	16 x 4 RAM (Tri-State Output)	2.99	2.84	2.56	2.56
74S194*	16	4 Bit Bi-Directional Shift Register	.59	.56	.50	.45
74S195*	16	4 Bit Parallel Access Shift Register	.37	.35	.31	.28
74S196*	14	Presetable Decade/Biquinary Counter	2.19	2.08	1.87	1.87
74S197*	14	Presetable Binary Counter/Latch	2.79	2.65	2.39	2.25
74S201*	16	256 BIT RAM (Tri-State Output)	3.79	3.60	3.24	3.24
74S225	20	80 Bit FIFO Memory	3.79	3.60	3.24	3.24
74S240	20	Octal Inverting Bus/Line Driver	.49	.47	.42	.38
74S241	20	Octal Bus/Line Driver	.59	.56	.50	.50
74S242*	14	Quad Bus Transceiver	.89	.85	.77	.72
74S243*	14	Quad Receiver (Tri-State Output)	.69	.66	.59	.53
74S244	20	Octal Driver (Tri-State Output)	.39	.37	.33	.30
74S251	16	Data Selector/Multiplexer (Tri-State Out.)	.59	.56	.50	.45
74S253*	16	Dual 4 Input Multiplexer (Tri-State Output)	.39	.37	.33	.30
74S257	16	Quad 2 Input Multiplexer (T.S. Output)	.39	.37	.33	.30
74S258	16	Quad 2 to 1 Multiplexer	.49	.47	.42	.38
74S260	SO-14	Dual 5 Input NOR Gate	.49	.47	.42	.38
74S273D	SO-20	Octal D Type Flip Flop	.49	.47	.42	.38
74S274*	20	4 x 4 Binary Multiplexer	4.59	4.36	3.92	3.92
74S275*	16	7 Bit Slice (Wallace Tree)	4.59	4.36	3.92	3.92
74S280	14	9 Bit Odd/Even Parity Gen./Checker	.69	.66	.59	.53
74S283	16	4 Bit Binary Full Adder	.99	.94	.85	.77
74S287	16	256 x 4 Bipolar PROM (T.S. Output)	10.99	10.44	9.40	9.40
74S288	16	32 x 8 Bipolar PROM (Tri-State Output)	7.99	7.59	6.83	6.83
74S289*	16	64 Bit RAM (Open Collector)	3.99	3.79	3.41	3.30
74S299*	20	8 Bit Universal Shift/Storage Register	.79	.75	.68	.61
74S301*	16	256 Bit RAM	3.99	3.79	3.41	3.30
74S373	20	Octal D Type Latch (Tri-State Output)	.49	.47	.42	.38
74S374	20	Octal D Type Flip Flop (Tri-State Output)	.49	.47	.42	.38
74S379*	16	Quad D Type Flip Flop	1.99	1.89	1.70	1.53
74S381*	20	Arithmetic Logic Unit/Function Generator	5.99	5.69	5.12	5.12
74S387	16	256 x 4 Bipolar PROM (Open Collector)	2.99	2.84	2.56	2.30
74S412*	24	8 Bit Multi-Mode Buffered Latch	5.99	5.69	5.12	5.12
74S471*	20	256 x 8 Bipolar PROM (Tri-State Out.)	11.99	11.39	10.25	10.05
74S472	20	512 x 8 Bipolar PROM (Tri-State Out.)	11.99	11.39	10.25	10.05
74S473*	20	512 x 8 Bipolar PROM (O. C.)	11.99	11.39	10.25	10.05
74S474*	24	512 x 8 Bipolar PROM (Tri-State Out.)	11.99	11.39	10.25	10.05
74S571	16	512 x 4 PROM (Tri-State Output)	6.99	6.64	5.98	5.38
74S573	18	1024 x 4 PROM (Tri-State Output)	7.99	7.59	6.83	6.15

## 74C

STOCK#	PINS	DESCRIPTION	1-24	25-99	100-999	1000+
74C00	14	Quad 2 Input NAND Gate	.79	.75	.68	.61
74C02	14	Quad 2 Input NOR Gate	.89	.85	.77	.69
74C04	14	Hex Inverter	.89	.85	.77	.69
74C08	14	Quad 2 Input AND Gate	1.59	1.51	1.36	1.36
74C10	14	Triple 3 Input NAND Gate	4.49	4.27	3.84	3.46
74C14	14	Hex Schmitt Trigger Inverter	.39	.37	.33	.30
74C20*	14	Dual 4 Input NAND Gate	1.19	1.13	1.02	.92
74C30*	14	8 Input NAND Gate	.99	.94	.85	.85
74C32	14	Quad 2 Input OR Gate	1.49	1.42	1.28	1.15
74C42*	16	BCD to Decimal Decoder	1.49	1.42	1.28	1.15

\*DISCONTINUED - STOCK CONDITIONS MAY VARY

# UNICORN ELECTRONICS

## 74C (continued) Dual In-Line Package

STOCK#	PINS	DESCRIPTION	1-24	25-99	100-999	1000+
74C48	16	BCD to 7 Segment Decoder/Driver	1.99	1.89	1.70	1.53
74C73*	14	Dual JK Flip Flop with Clear	1.49	1.42	1.28	1.15
74C74	14	Dual D Edge Triggered Flip Flop	1.29	1.23	1.11	1.00
74C76*	16	Dual JK Flip Flop with Preset	2.49	2.37	2.13	1.92
74C85*	16	4 Bit Magnitude Comparator	2.99	2.84	2.56	2.30
74C86*	14	Quad 2 Input Exclusive/OR Gate	1.09	1.04	.94	.85
74C89*	16	64 Bit RAM	3.99	3.79	3.41	3.07
74C90	14	Decade Counter	2.49	2.37	2.13	1.92
74C93*	14	4 Bit Binary Counter	4.99	4.74	4.27	4.10
74C107*	14	Dual JK Flip Flop with Clear	1.99	1.89	1.70	1.53
74C151*	16	1 of 8 Data Selector/Multiplexer	1.99	1.89	1.70	1.53
74C154	24	4 to 16 Line Decoder/Demultiplexer	9.99	9.49	8.54	8.54
74C157*	16	Quad 2 to 1 Line Data Selector	1.99	1.89	1.70	1.53
74C160*	16	4 Bit Decade Counter with Direct Clear	1.99	1.89	1.70	1.53
74C161*	16	Synchronous 4 Bit Binary Counter	.69	.66	.59	.53
74C162*	16	Synchronous 4 Bit Decade Counter	1.49	1.42	1.28	1.15
74C163*	16	Synchronous 4 Bit Binary Counter	1.49	1.42	1.28	1.15
74C164*	14	8 Bit Serial Shift Register	1.99	1.89	1.70	1.53
74C165*	16	8 Bit Shift Register (Parallel Load)	1.99	1.89	1.70	1.53
74C173*	16	4 Bit D Type Register (Tri-State Output)	1.49	1.42	1.28	1.15
74C174	16	Hex D Type Flip Flop with Direct Clear	.59	.56	.50	.45
74C175	16	Quad D Type Flip Flop with Direct Clear	.69	.66	.59	.53
74C192	16	Synchronous Up/Down Binary Counter	2.49	2.37	2.13	1.92
74C193	16	Synchronous Up/Down Binary Counter	1.19	1.13	1.02	.92
74C194*	16	4 Bit Bi-Directional Shift Register	1.99	1.89	1.70	1.53
74C195*	16	4 Bit Parallel Access Shift Register	2.99	2.84	2.56	2.56
74C221	16	Dual Monostable Multivibrator	2.79	2.65	2.39	2.15
74C240*	20	Octal Inverting Bus/Line Driver	2.99	2.84	2.56	2.56
74C244	20	Octal Driver (Tri-State Output)	2.79	2.65	2.39	2.15
74C373	20	Octal D Type Latch (Tri-State Output)	2.79	2.65	2.39	2.15
74C374	20	Octal D Type Flip Flop (Tri-State Output)	1.69	1.61	1.45	1.45
74C902*	14	Hex TTL Buffer	2.99	2.84	2.56	2.30
74C903*	14	Inverting Hex Buffer (MOS Interface)	1.29	1.23	1.11	1.00
74C904*	14	Non-Inverting Hex Buffer	1.79	1.70	1.53	1.38
74C905*	24	Successive Approximation Register	9.99	9.49	8.54	8.54
74C906*	14	Hex Open Drain (Active Pull-Down)	1.49	1.42	1.28	1.15
74C907*	14	Hex Open Drain (Active Pull-Up)	1.29	1.23	1.11	1.00
74C908*	8	Dual CMOS Driver (30V)	2.99	2.84	2.56	2.30
74C909*	14	Quad Comparator	5.99	5.69	5.12	5.12
74C911	28	4 Digit Display Controller	19.99	18.99	17.09	17.09
74C912	28	6 Digit BCD Display Driver	19.99	18.99	17.09	17.09
74C914*	14	Hex Schmitt Trigger	1.99	1.89	1.70	1.53
74C915*	18	7 Segment to BCD Decoder/Driver	7.99	7.59	6.83	6.83
74C920*	22	256 x 4 RAM	9.99	9.49	8.54	8.54
74C921*	18	256 x 4 RAM	9.99	9.49	8.54	8.54
74C922	18	Keyboard Encoder (16 Key)	5.99	5.69	5.12	4.61
74C923	20	Keyboard Encoder (20 Key)	5.99	5.69	5.12	4.61
74C925	16	4 Digit Decade Counter (Mult. Output)	10.99	10.44	9.40	9.40
74C926	18	4 Digit Decade Counter (Mult. Output)	10.99	10.44	9.40	9.40
74C927*	18	4 Digit Multiplexer	7.99	7.59	6.83	6.15
74C928*	18	4 Digit Multiplexer	7.49	7.12	6.41	6.10
74C930*	16	1024 x 1 RAM	5.99	5.69	5.12	4.61
74C932*	8	Phase Comparator	2.99	2.84	2.56	2.30
80C95	16	Hex Buffer (Tri-State Output)	.79	.75	.68	.68
80C97	16	Hex Buffer (Tri-State Output)	.79	.75	.68	.68
80C98	16	Hex Inverter (Tri-State Output)	.79	.75	.68	.68

## 74F\*

STOCK#	PINS	DESCRIPTION	1-24	25-99	100-999	1000+
74F00	14	Quad 2 Input NAND Gate	.15	.14	.12	.11
74F00D	SO-14	Quad 2 Input NAND Gate (SMD)	.15	.14	.12	.11
74F02	14	Quad 2 Input NOR Gate	.15	.14	.12	.11
74F04	14	Hex Inverter	.15	.14	.12	.11
74F08	14	Quad Input AND Gate	.15	.14	.12	.11
74F10	14	Triple 3 Input NAND Gate	.17	.16	.15	.14
74F10D	SO-14	Triple 3 Input NAND Gate (SMD)	.24	.23	.21	.19
74F11*	14	Triple 3 Input AND Gate	.19	.18	.16	.14
74F14	14	Hex Schmitt Trigger Inverter	.19	.18	.16	.15
74F20*	14	Dual 4 Input NAND Gate	.17	.16	.15	.15
74F32	14	Quad 2 Input OR Gate	.17	.16	.15	.15
74F32D	SO-14	Quad 2 Input OR Gate (SMD)	.17	.16	.15	.14
74F64	14	Quad 4/2/3/2 In. AND/OR Invert Gate	.21	.20	.18	.16
74F74	14	Dual D Edge Triggered Flip Flop	.19	.18	.16	.15
74F74D	SO-14	Dual D Edge Triggered Flip Flop (SMD)	.19	.18	.16	.15
74F86	14	Quad 2 Input Exclusive/OR Gate	.18	.17	.16	.15
74F86D	SO-14	Quad 2 Input Exclusive/OR Gate (SMD)	.18	.17	.16	.15
74F109*	16	Dual JK Edge Triggered Flip Flop	.27	.26	.23	.21
74F113*	14	Dual JK Edge Triggered Flip Flop	.45	.43	.39	.35
74F125D	SO-14	Quad Bus Buffer Gate (T.S. Output) (SMD)	.22	.21	.19	.17
74F138	16	3 to 8 Line Decoder/Demultiplexer	.21	.20	.18	.16
74F139	16	Dual 2 to 4 Line Decoder/Demultiplexer	.21	.20	.18	.16
74F151	16	1 of 8 Data Selector/Multiplexer	.21	.20	.18	.16
74F153	16	Dual 4 to 1 Data Selector/Multiplexer	.21	.20	.18	.16
74F153D	SO-16	Dual 4 to 1 Data Sel./Multiplexer (SMD)	.21	.20	.18	.16
74F157	16	Quad 2 to 1 Line Data Selector	.21	.20	.18	.16
74F158	16	Quad 2 to 1 Line Multiplexer (Inverted)	.21	.20	.18	.16

STOCK#	PINS	DESCRIPTION	1-24	25-99	100-999	1000+
74F160	16	4 Bit Decade Counter with Direct Clear	.45	.43	.39	.35
74F161	16	Synchronous 4 Bit Binary Counter	.29	.28	.25	.22
74F163	16	Synchronous 4 Bit Binary Counter	.29	.28	.25	.22
74F164	14	8 Bit Serial Shift Register	.29	.28	.25	.22
74F174	16	Hex D Type Flip Flop with Direct Clear	.21	.20	.18	.16
74F174D	SO-16	Hex D Type FF with Direct Clear (SMD)	.27	.26	.23	.21
74F175	16	Quad D Type Flip Flop with Direct Clear	.22	.21	.19	.17
74F181	24	Arithmetic Logic Unit/Function Generator	1.99	1.89	1.70	1.70
74F182	16	Look Ahead Carry Generator	.99	.94	.85	.77
74F193	16	Synchronous Up/Down Binary Counter	1.49	1.42	1.28	1.15
74F194	16	4 Bit Bi-Directional Shift Register	.69	.66	.59	.53
74F195D	SO-16	4 Bit Bi-Directional Shift Register (SMD)	.55	.52	.47	.42
74F240	20	Octal Inverting Bus/Line Driver	.26	.25	.22	.20
74F240D	SO-20	Octal Inverting Bus/Line Driver (SMD)	.26	.25	.22	.20
74F241	20	Octal Bus/Line Driver	.37	.35	.31	.28
74F244	20	Octal Driver (Tri-State Output)	.22	.21	.19	.17
74F244D	SO-20	Octal Driver (Tri-State Output) (SMD)	.33	.31	.28	.25
74F245	20	Octal Bus Transceiver	.26	.25	.22	.20
74F245D	SO-20	Octal Bus Transceiver (SMD)	.26	.25	.22	.20
74F251	16	Data Selector/Multiplexer (T.S. Output)	.27	.26	.23	.21
74F253	16	Dual 4 Input Multiplexer (Tri-State Output)	.27	.26	.23	.21
74F257	16	Quad 2 Input Multiplexer (T.S. Output)	.24	.23	.21	.19
74F258	16	Quad 2 to 1 Multiplexer	.27	.26	.23	.21
74F273	20	Octal D Type Flip Flop	.37	.35	.31	.28
74F280	14	9 Bit Odd/Even Parity Gen./Checker	.27	.26	.23	.21
74F280D	SO-14	9 Bit Odd/Even Par. Gen./Checker (SMD)	.33	.31	.28	.25
74F283	16	4 Bit Binary Full Adder	.37	.35	.31	.28
74F283D	SO-16	4 Bit Binary Full Adder (SMD)	.37	.35	.31	.28
74F373	20	Octal D Type Latch (Tri-State Output)	.27	.26	.23	.21
74F373D	SO-20	Octal D Type Latch (T.S. Output) (SMD)	.27	.26	.23	.21
74F374	20	Octal D Type Flip Flop (Tri-State Output)	.27	.26	.23	.21
74F374D	SO-20	Octal D Type Flip Flop (T.S. Out.) (SMD)	.27	.26	.23	.21
74F379*	16	Octal D Type Flip Flop	.69	.66	.59	.53
74F381*	20	Arithmetic Logic Unit/Function Generator	1.29	1.23	1.11	1.00
74F398*	20	Quad 2 Input Multiplexer with Storage	.39	.37	.33	.30
74F521	20	8 Bit Magnitude Comparator	.45	.43	.39	.35
74F521D	SO-20	8 Bit Magnitude Comparator (SMD)	.45	.43	.39	.35
74F533*	20	Octal D Type Inverting Latch (T.S. Out.)	.45	.43	.39	.35
74F537*	20	1 of 10 Decoder (Tri-State Output)	3.99	3.79	3.41	3.07
74F538*	20	1 of 8 Decoder (Tri-State Output)	3.99	3.79	3.41	3.07
74F539*	20	2 to 4 Line Decoder/Demultiplexer	3.99	3.79	3.41	3.07
74F573	20	Octal D Type Latch (Tri-State Output)	.27	.26	.23	.21
74F574	20	Octal D Type Flip Flop (Tri-State Output)	.37	.35	.31	.31
74F646	S-24	Octal Bus Transceiver with Latches	1.19	1.13	1.02	.92

## 74HCT

STOCK#	PINS	DESCRIPTION	1-24	25-99	100-999	1000+
74HCT00	14	Quad 2 Input NAND Gate	.19	.18	.16	.15
74HCT00D	SO-14	Quad 2 Input NAND Gate (SMD)	.17	.16	.15	.14
74HCT02	14	Quad 2 Input NOR Gate	.19	.18	.16	.15
74HCT03	14	Quad 2 Input NAND Gate (O. C.)	.24	.23	.21	.19
74HCT04	14	Hex Inverter	.19	.18	.16	.15
74HCT05*	14	Hex Inverter (Open Collector)	.29	.28	.25	.22
74HCT08	14	Quad 2 Input AND Gate	.19	.18	.16	.15
74HCT10	14	Triple 3 Input NAND Gate	.24	.23	.21	.19
74HCT11	14	Triple 3 Input AND Gate	.24	.23	.21	.19
74HCT14	14	Hex Schmitt Trigger Inverter	.24	.23	.21	.19
74HCT20*	14	Dual 4 Input NAND Gate	.24	.23	.21	.19
74HCT21*	14	Dual 4 Input AND Gate	.24	.23	.21	.19
74HCT27*	14	Triple 3 Input NOR Gate	.24	.23	.21	.19
74HCT30*	14	8 Input NAND Gate	.24	.23	.21	.19
74HCT32	14	Quad 2 Input OR Gate	.24	.23	.21	.19
74HCT42*	16	BCD to Decimal Decoder	.45	.43	.39	.35
74HCT51*	14	Dual 2 Wide/2 In. AND/OR/Inv. Gate	.39	.37	.35	.31
74HCT58*	14	Dual AND/OR Gate	.33	.31	.28	.25
74HCT73	14	Dual JK Flip Flop with Clear	.27	.26	.23	.23
74HCT74	14	Dual D Edge Triggered Flip Flop	.19	.18	.16	.15
74HCT75	16	4 Bit Bi-Stable Latch	.33	.31	.28	.25
74HCT75D	SO-16	4 Bit Bi-Stable Latch (SMD)	.33	.31	.28	.25
74HCT76	16	Dual JK Flip Flop with Preset	.55	.52	.47	.47
74HCT85	16	4 Bit Magnitude Comparator	.39	.37	.33	.30
74HCT86	14	Quad 2 Input Exclusive/OR Gate	.24	.23	.21	.19
74HCT107	14	Dual JK Flip Flop with Clear	.29	.28	.25	.25
74HCT109	16	Dual JK Edge Triggered Flip Flop	.24	.23	.21	.21
74HCT112*	16	Dual JK Edge Triggered Flip Flop	.29	.28	.25	.22
74HCT123	16	Dual Retriggerable Mono. Multivibrator	.24	.23	.21	.19
74HCT123D	SO-16	Dual Ret. Mono. Multivibrator (SMD)	.24	.23	.21	.19
74HCT125	14	Quad Bus Buffer Gate (Tri-State Output)	.21	.20	.18	.16
74HCT126	14	Quad Bus Buffer Gate (Tri-State Output)	.29	.28	.25	.22
74HCT132	14	Quad 2 Input Schmitt Trigger	.21	.20	.18	.16
74HCT137*	16	3 to 8 Line Decoder/Demultiplexer	.49	.47	.42	.42
74HCT138	16	3 to 8 Line Decoder/Demultiplexer	.22	.21	.19	.17
74HCT139	16	Dual 2 to 4 Line Decoder/Demultiplexer	.22	.21	.19	.17
74HCT147	16	10 to 4 Line Priority Encoder	.45	.43	.39	.35

\*DISCONTINUED - STOCK CONDITIONS MAY VARY

# U N I C O R N E L E C T R O N I C S

## 74HCT (continued)

STOCK#	PINS	DESCRIPTION	1-24	25-99	100-999	1000+
74HCT151	16	1 of 8 Data Selector/Multiplexer	.29	.28	.25	.22
74HCT153	16	Dual 4 to 1 Data Selector/Multiplexer	.29	.28	.25	.22
74HCT154	24	4 to 16 Line Decoder/Demultiplexer	.79	.75	.68	.61
74HCT157	16	Quad 2 to 1 Line Data Selector	.24	.23	.21	.19
74HCT158	16	Quad 2 to 1 Line Multiplexer (Inverted)	.33	.31	.28	.28
74HCT160	16	4 Bit Decade Counter with Direct Clear	.33	.31	.28	.25
74HCT160D	SO-16	4 Bit Dec. Count. with Direct Clear (SMD)	.33	.31	.28	.25
74HCT161	16	Synchronous 4 Bit Binary Counter	.29	.28	.25	.22
74HCT162	16	Synchronous 4 Bit Decade Counter	.49	.47	.42	.38
74HCT162D	SO-16	Synchronous 4 Bit Decade Counter (SMD)	.49	.47	.42	.38
74HCT163	16	Synchronous 4 Bit Binary Counter	.29	.28	.25	.22
74HCT164	14	8 Bit Serial Shift Register	.29	.28	.25	.22
74HCT173*	16	4 Bit D Type Register (Tri-State Output)	.33	.31	.28	.25
74HCT174	16	Hex D Type Flip Flop with Direct Clear	.22	.21	.19	.17
74HCT175	16	Quad D Type Flip Flop with Direct Clear	.27	.26	.23	.21
74HCT182D	SO-16	Look Ahead Carry Generator (SMD)	1.29	1.23	1.11	1.00
74HCT190	16	Synchronous Up/Down Decade Counter	1.29	1.23	1.11	1.00
74HCT191	16	Synchronous Up/Down Binary Counter	.33	.31	.28	.25
74HCT192	16	Synchronous Up/Down Binary Counter	1.29	1.23	1.11	1.00
74HCT193	16	Synchronous Up/Down Binary Counter	.29	.28	.25	.25
74HCT194	16	4 Bit Bi-Directional Shift Register	.29	.28	.25	.25
74HCT237	16	3 to 8 Line Decoder with Address Latches	.69	.66	.59	.53
74HCT238D*	SO-16	3 to 8 Line Decoder/Demultiplexer (SMD)	.29	.28	.25	.25
74HCT240	20	Octal Inverting Bus/Line Driver	.19	.18	.16	.15
74HCT240D	SO-20	Octal Inverting Bus/Line Driver (SMD)	.19	.18	.16	.15
74HCT241	20	Octal Bus/Line Driver	.27	.26	.23	.21
74HCT241D	SO-20	Octal Bus/Line Driver (SMD)	.27	.26	.23	.21
74HCT242	14	Quad Bus Transceiver	.45	.43	.39	.35
74HCT243	14	Quad Receiver (Tri-State Output)	.45	.43	.39	.35
74HCT244	20	Octal Driver (Tri-State Output)	.26	.25	.22	.20
74HCT244D	SO-20	Octal Driver (Tri-State Output) (SMD)	.26	.25	.22	.20
74HCT245	20	Octal Bus Transceiver	.26	.25	.22	.20
74HCT245D	SO-20	Octal Bus Transceiver (SMD)	.26	.25	.22	.20
74HCT253	16	Dual 4 Input Multiplexer (Tri-State Output)	.29	.28	.25	.25
74HCT257	16	Quad 2 Input Multiplexer (Tri-State Out.)	.24	.23	.21	.19
74HCT259	16	8 Bit Addressable Latch	.24	.23	.21	.19
74HCT266	14	Quad 2 Input Exclusive/Nor Gate (O. C.)	.49	.47	.42	.38
74HCT273	20	Octal D Type Flip Flop	.24	.23	.21	.19
74HCT273D	SO-20	Octal D Type Flip Flop (SMD)	.24	.23	.21	.19
74HCT283	16	4 Bit Binary Full Adder	.39	.37	.33	.30
74HCT365	16	Hex Bus Driver (Tri-State Output)	.29	.28	.25	.25
74HCT366	16	Inverted Hex Bus Driver (Tri-State Output)	.39	.37	.33	.29
74HCT367	16	Hex Bus Driver (Tri-State Output)	.39	.37	.33	.29
74HCT368	16	Inverted Hex Bus Driver (Tri-State Output)	.39	.37	.33	.29
74HCT368D	SO-16	Inv. Hex Bus Driver (T.S. Output) (SMD)	.39	.37	.33	.29
74HCT373	20	Octal D Type Latch (Tri-State Output)	.17	.16	.15	.14
74HCT373D	SO-20	Octal D Type Latch (T.S. Output) (SMD)	.17	.16	.15	.14
74HCT374	20	Octal D Type Flip Flop (Tri-State Output)	.22	.21	.19	.17
74HCT375*	16	4 Bit Bi-Stable Latch	.59	.56	.50	.45
74HCT377	20	Octal D Type Flip Flop	.29	.28	.25	.22
74HCT390*	16	Dual Decade Counter	.33	.31	.28	.25
74HCT393	14	Dual 4 Bit Binary Counter	.33	.31	.28	.25
74HCT533	20	Octal D Type Inverting Latch (T.S. Output)	.49	.47	.42	.42
74HCT534	20	Octal D Type Inv. Flip Flop (T.S. Output)	.49	.47	.42	.42
74HCT540	20	Octal Buffer/Line Driver (Tri-State Output)	.29	.28	.25	.25
74HCT541	20	Octal Buffer/Line Driver (Tri-State Output)	.20	.18	.16	.16
74HCT563	20	Octal D Type Inv. Latch (Tri-State Output)	.33	.31	.28	.28
74HCT564	20	Octal D Type Inv. Flip Flop (T.S. Output)	.45	.43	.39	.39
74HCT573	20	Octal D Type Latch (Tri-State Output)	.26	.25	.22	.20
74HCT574	20	Octal D Type Flip Flop (Tri-State Output)	.26	.25	.22	.20
74HCT612*	40	Memory Mapper	2.49	2.37	2.13	2.13
74HCT640	20	Inv. Octal Bus Transceiver (T.S. Output)	.49	.47	.42	.38
74HCT646	S-24	Octal Bus Transceiver with Latches	1.19	1.13	1.02	.92
74HCT688	20	8 Bit Magnitude Comparator	.42	.40	.36	.32
74HCT4015D	SO-16	Dual 4 Stage Static Shift Register	.49	.47	.42	.38
74HCT4316D	SO-16	Quad Analog Switch	.33	.31	.28	.25
74HCT4543	16	BCD to 7 Seg. Latch/Dec./Driver for LCD	1.19	1.13	1.02	.92

## 74H Dual In-Line Package

STOCK#	PINS	DESCRIPTION	1-24	25-99	100+
74H00*	14	Quad 2 Input NAND Gate	1.29	1.23	1.11
74H01*	14	Quad 2 Input NOR Gate	1.29	1.23	1.11
74H04*	14	Hex Inverter	1.29	1.23	1.11
74H08*	14	Quad 2 Input AND Gate	1.29	1.23	1.11
74H10*	14	Triple 3 Input NAND Gate	1.29	1.23	1.11
74H11*	14	Triple 3 Input AND Gate	1.29	1.23	1.11
74H20*	14	Dual 4 Input NAND Gate	1.29	1.23	1.11
74H30*	14	8 Input NAND Gate	1.29	1.23	1.11
74H40*	16	Dual 4 Input NAND Buffer	1.29	1.23	1.11
74H50*	14	Expandable 2 Wide/2 Input AND/OR Invert Gate	1.29	1.23	1.11
74H51*	14	Dual 2 Wide/2 Input AND/OR/Invert Gate	1.29	1.23	1.11
74H53*	14	Expan. 4 Wide/2 Input AND/OR/Invert Gate	1.29	1.23	1.11
74H60*	14	Dual 4 Input Expander	1.29	1.23	1.11

STOCK#	PINS	DESCRIPTION	1-24	25-99	100+
74H73*	14	Dual JK Flip Flop with Clear	1.29	1.23	1.11
74H74*	14	Dual D Edge Triggered Flip Flop	1.29	1.23	1.11
74H76*	16	Dual JK Flip Flop with Preset	1.99	1.89	1.70
74H108*	14	Dual JK Negative Edge Triggered Flip Flop	1.99	1.89	1.70
74H183*	14	Dual Carry/Save Full Adder	2.99	2.84	2.56

## 74HC

STOCK#	PINS	DESCRIPTION	1-24	25-99	100-999	1000+
74HC00	14	Quad 2 Input NAND Gate	.19	.18	.16	.15
74HC00D	SO-14	Quad 2 Input NAND Gate (SMD)	.13	.12	.11	.10
74HC02	14	Quad 2 Input NOR Gate	.19	.18	.16	.15
74HC02D	SO-14	Quad 2 Input NOR Gate (SMD)	.13	.12	.11	.10
74HC03	14	Quad 2 Input NAND Gate (O.C.)	.19	.18	.16	.15
74HC04	14	Hex Inverter	.19	.18	.16	.15
74HC04D	SO-14	Hex Inverter (Surface Mount)	.13	.12	.11	.10
74HC04U	14	Hex Inverter (Non-Buffered)	.15	.14	.13	.12
74HC05	14	Hex Inverter (Open Collector)	.19	.18	.16	.15
74HC08	14	Quad 2 Input AND Gate	.19	.18	.16	.15
74HC08D	SO-14	Quad 2 Input AND Gate (SMD)	.13	.12	.11	.10
74HC10	14	Triple 3 Input NAND Gate	.19	.18	.16	.15
74HC11	14	Triple 3 Input AND Gate	.19	.18	.16	.15
74HC14	14	Hex Schmitt Trigger Inverter	.20	.19	.17	.16
74HC14D	SO-14	Hex Schmitt Trigger Inverter (SMD)	.13	.12	.11	.10
74HC20	14	Dual 4 Input NAND Gate	.20	.19	.17	.16
74HC21*	14	Dual 4 Input AND Gate	.19	.18	.16	.15
74HC27	14	Triple 3 Input NOR Gate	.19	.18	.16	.15
74HC30	14	8 Input NAND Gate	.19	.18	.16	.15
74HC32	14	Quad 2 Input OR Gate	.19	.18	.16	.15
74HC32D	SO-14	Quad 2 Input OR Gate (SMD)	.13	.12	.11	.10
74HC42	16	BCD to Decimal Decoder	.49	.47	.42	.38
74HC51	14	Dual 2 Wide/2 In. AND/OR/Invert Gate	.24	.23	.21	.19
74HC58	14	2 Input AND/OR Gate	.29	.28	.25	.22
74HC73	14	Dual JK Flip Flop with Clear	.19	.18	.16	.15
74HC74	14	Dual D Edge Triggered Flip Flop	.19	.18	.16	.15
74HC74D	SO-14	Dual D Edge Triggered Flip Flop (SMD)	.13	.12	.11	.10
74HC75	16	4 Bit Bi-Stable Latch	.24	.23	.21	.19
74HC76	16	Dual JK Flip Flop with Preset	.69	.66	.59	.53
74HC85	16	4 Bit Magnitude Comparator	.19	.18	.16	.15
74HC86	14	Quad 2 Input Exclusive/OR Gate	.19	.18	.16	.15
74HC93*	14	4 Bit Binary Counter	.59	.56	.50	.50
74HC107	14	Dual JK Flip Flop with Clear	.27	.26	.23	.21
74HC109	16	Dual JK Edge Triggered Flip Flop	.24	.23	.21	.19
74HC112	16	Dual JK Edge Triggered Flip Flop	.24	.23	.21	.19
74HC113	14	Dual JK Edge Triggered Flip Flop	.39	.37	.33	.30
74HC123	16	Dual Retriggerable Mono. Multivibrator	.20	.19	.17	.16
74HC125	14	Quad Bus Buffer Gate (Tri-State Output)	.20	.19	.17	.16
74HC125D	SO-14	Quad Bus Buffer Gate (T.S. Output) (SMD)	.14	.13	.12	.11
74HC126	14	Quad Bus Buffer Gate (Tri-State Output)	.24	.23	.21	.19
74HC132	14	Quad 2 Input Schmitt Trigger	.19	.18	.16	.15
74HC133*	16	13 Input NAND Gate	.27	.26	.23	.21
74HC137*	16	3 to 8 Line Decoder/Demultiplexer	.29	.28	.25	.25
74HC138	16	3 to 8 Line Decoder/Demultiplexer	.22	.21	.19	.17
74HC138D	SO-16	3 to 8 Line Decoder/Demultiplexer (SMD)	.13	.12	.11	.10
74HC139	16	Dual 2 to 4 Line Decoder/Demultiplexer	.19	.18	.16	.15
74HC147*	16	10 to 4 Line Priority Encoder	.27	.26	.23	.22
74HC148*	16	8 to 3 Line Octal Priority Encoder	.27	.26	.23	.21
74HC149*	20	8 to 8 Line Priority Encoder	.99	.94	.85	.77
74HC151	16	1 of 8 Data Selector/Multiplexer	.24	.23	.21	.19
74HC153	16	Dual 4 to 1 Data Selector/Multiplexer	.29	.28	.25	.22
74HC154	S-24	4 to 16 Line Decoder/Demultiplexer	.69	.66	.59	.59
74HC154D	SO-24	4 to 16 Line Dec./Demultiplexer (SMD)	.27	.26	.23	.23
74HC157	16	Quad 2 to 1 Line Data Selector	.19	.18	.16	.15
74HC158	16	Quad 2 to 1 Line Multiplexer (Inverted)	.33	.31	.28	.25
74HC160	16	4 Bit Decade Counter with Direct Clear	.29	.28	.25	.22
74HC161	16	Synchronous 4 Bit Binary Counter	.29	.28	.25	.22
74HC162	16	Synchronous 4 Bit Decade Counter	.39	.37	.33	.33
74HC163	16	Synchronous 4 Bit Binary Counter	.20	.19	.17	.16
74HC164	14	8 Bit Serial Shift Register	.29	.28	.25	.22
74HC165	16	8 Bit Shift Register (Parallel Load)	.22	.21	.19	.18
74HC166*	16	8 Bit Shift Register	.29	.28	.25	.22
74HC173	16	4 Bit D Type Register (Tri-State Output)	.27	.26	.23	.22
74HC174	16	Hex D Type Flip Flop with Direct Clear	.19	.18	.16	.15
74HC175	16	Quad D Type Flip Flop with Direct Clear	.27	.26	.23	.21
74HC181	24	Arithmetic Logic Unit/Function Generator	1.99	1.89	1.70	1.53
74HC190	16	Synchronous Up/Down Decade Counter	.99	.94	.85	.77
74HC191	16	Synchronous Up/Down Binary Counter	.29	.28	.25	.22
74HC192	16	Synchronous Up/Down Decade Counter	1.19	1.13	1.02	.92
74HC193	16	Synchronous Up/Down Binary Counter	.19	.18	.16	.16
74HC194	16	4 Bit Bi-Directional Shift Register	.39	.37	.33	.33
74HC195	16	4 Bit Parallel Access Shift Register	.49	.47	.42	.42
74HC221	16	Dual Monostable Multivibrator	.27	.26	.23	.21
74HC237	16	3 to 8 Line Decoder with Address Latches	.29	.28	.25	.25
74HC240	20	3 to 8 Line Decoder with Address Latches	.21	.20	.18	.17

\*DISCONTINUED - STOCK CONDITIONS MAY VARY



# UNICORN ELECTRONICS

## 74HC (continued) Dual In-Line Package

STOCK#	PINS	DESCRIPTION	1-24	25-99	100	1000+
74HC240D	SO-20	3 to 8 Line Dec. with Add. Latches (SMD)	.21	.20	.18	.17
74HC241*	20	Octal Bus/Line Driver	.29	.28	.25	.22
74HC242*	14	Quad Bus Transceiver	.59	.56	.50	.45
74HC243*	14	Quad Receiver (Tri-State Output)	.33	.31	.28	.25
74HC244	20	Octal Driver (Tri-State Output)	.24	.23	.21	.20
74HC244D	SO-20	Octal Driver (Tri-State Output) (SMD)	.14	.13	.12	.11
74HC245	20	Octal Bus Transceiver	.24	.23	.21	.20
74HC245D	SO-20	Octal Bus Transceiver (SMD)	.14	.13	.12	.11
74HC251	16	Data Sel./Multiplexer (T.S. Output) (SMD)	.22	.21	.19	.18
74HC253	16	Dual 4 Input Multiplexer (Tri-State Output)	.21	.20	.18	.17
74HC257	16	Quad 2 Input Multiplexer (Tri-State Out.)	.24	.23	.21	.20
74HC258	16	Quad 2 to 1 Multiplexer	.24	.23	.21	.20
74HC259	16	8 Bit Addressable Latch	.24	.23	.21	.20
74HC266	14	Quad 2 Input Exclusive/NOR Gate (O.C.)	.24	.23	.21	.20
74HC273	20	Octal D Type Flip Flop	.24	.23	.21	.21
74HC279*	16	Quad S-R Latch	.49	.47	.42	.38
74HC280	14	9 Bit Odd/Even Parity Generator/Checker	.29	.28	.25	.22
74HC283	16	4 Bit Binary Full Adder	.29	.28	.25	.22
74HC298*	16	Quad 2 Input Multiplexer with Storage	.55	.52	.47	.42
74HC299	20	8 Bit Universal Shift/Storage Register	.39	.37	.33	.30
74HC324	20	8 Channel/3 State Multiplexer with Latch	.49	.47	.42	.42
74HC356*	20	8 Channel/3 State Multiplexer with Latch	.99	.94	.85	.77
74HC365	16	Hex Bus Driver (Tri-State Output)	.29	.28	.25	.25
74HC366	16	Inverted Hex Bus Driver (Tri-State Output)	.27	.26	.23	.22
74HC367	16	Hex Bus Driver (Tri-State Output)	.29	.28	.25	.22
74HC368	16	Inverted Hex Bus Driver (Tri-State Output)	.20	.19	.17	.16
74HC373	20	Octal D Type Latch (Tri-State Output)	.24	.23	.21	.20
74HC373D	SO-20	Octal D Type Latch (T.S. Output) (SMD)	.14	.13	.12	.11
74HC374	20	Octal D Type Flip Flop (Tri-State Output)	.27	.26	.23	.21
74HC374D	SO-20	Octal D Type Flip Flop (T.S. Out.) (SMD)	.19	.18	.16	.15
74HC375*	16	4 Bit Bi-Stable Latch	.59	.56	.50	.50
74HC390	16	Dual Decade Counter	.29	.28	.25	.25
74HC393	14	Dual 4 Bit Binary Counter	.20	.19	.17	.17
74HC393D	SO-14	Dual 4 Bit Binary Counter (SMD)	.14	.13	.12	.12
74HC423	16	Retriggerable Monostable Multivibrator	.39	.37	.33	.33
74HC521	20	8 Bit Magnitude Comparator	.99	.94	.85	.85
74HC533	20	Octal D Type Inverted Latch (T.S. Output)	.99	.94	.85	.77
74HC534	20	Octal D Type Inv. Flip Flop (T.S. Output)	.79	.75	.68	.68
74HC540	20	Octal Buffer/Line Driver (Tri-State Output)	.27	.26	.23	.22
74HC541	20	Octal Buffer/Line Driver (Tri-State Output)	.27	.26	.23	.22
74HC563	20	Octal D Type Inverted Latch (T.S. Output)	.49	.47	.42	.42
74HC564	20	Octal D Type Inverted Flip Flop (T.S.)	.49	.47	.42	.42
74HC573	20	Octal D Type Latch (Tri-State Output)	.24	.23	.21	.20
74HC573D	SO-20	Octal D Type Latch (T.S.) (SMD)	.19	.18	.16	.15
74HC574	20	Octal D Type Flip Flop (Tri-State Output)	.20	.19	.17	.16
74HC574D	SO-20	Octal D Type Flip Flop (T.S. Output)	.16	.15	.14	.14
74HC590	16	8 Bit Binary Counter (Tri-State Output)	.27	.26	.23	.23
74HC595	16	8 Bit Parallel to Serial Shift Register	.33	.31	.28	.25
74HC640	20	Octal Bus Transceiver (Inverted-T.S.)	.45	.43	.39	.35
74HC643	20	Octal Transceiver (Inverted-T.S. Output)	1.29	1.23	1.11	1.00
74HC646	S-24	Octal Bus Transceiver with Latches	.89	.85	.77	.77
74HC688	20	8 Bit Magnitude Comparator	.33	.31	.28	.28
74HC942*	20	Full Dup., Low Spd., 300 Baud Modem	19.99	18.99	17.09	17.09
74HC943*	20	Full Duplex, 300 Baud Modem	19.99	18.99	17.09	17.09
74HC4002	14	Dual 4 Input NOR Gate	.21	.20	.18	.17
74HC4016	14	Quad Analog Switch	.29	.28	.25	.25
74HC4017	16	Decade Count./Div. w/10 Decoded Out.	.33	.31	.28	.25
74HC4020	16	14 Stage Binary Counter	.24	.23	.21	.20
74HC4024	14	7 Stage Ripple Counter	.27	.26	.23	.23
74HC4040	16	12 Stage Binary Counter	.27	.26	.23	.23
74HC4046	16	Phase Lock Loop (CMOS)	.29	.28	.25	.25
74HC4049	16	Hex Buffer/Converter (Inverting)	.29	.28	.25	.25
74HC4050	16	Hex Buffer/Converter (Non-Inverting)	.29	.28	.25	.25
74HC4051	16	8 Channel Analog Multiplexer	.27	.26	.23	.23
74HC4060	16	14 Stage Binary Counter	.27	.26	.23	.23
74HC4066	14	Quad Analog Switch	.22	.21	.19	.19
74HC4075	14	Triple 3 Input OR Gate	.22	.21	.19	.19
74HC4078	14	8 Input NOR Gate	.33	.31	.28	.25
74HC4511	16	BCD to 7 Segment Latch/Decoder/Driver	.39	.37	.33	.33
74HC4514	S-24	4 to 16 Line Decoder with Latch	.69	.66	.59	.59
74HC4538	16	Retriggerable Monostable Multivibrator	.22	.21	.19	.19
74HC4543	16	BCD to 7 Seg. Latch/Dec./Driver for LCD	.33	.31	.28	.25

## 74AS Dual In-Line Package

STOCK#	PINS	DESCRIPTION	1-24	25-99	100+
74AS00*	14	Quad 2 Input NAND Gate	.39	.37	.33
74AS02*	14	Quad 2 Input NOR Gate	.89	.85	.77
74AS04*	14	Hex Inverter	.45	.43	.39
74AS08*	14	Quad 2 Input AND Gate	.45	.43	.39
74AS10*	14	Triple 3 Input NAND Gate	.45	.43	.39
74AS11*	14	Triple 3 Input AND Gate	.69	.66	.59
74AS20*	14	Dual 4 Input NAND Gate	.69	.66	.59
74AS27*	14	Triple 3 Input NOR Gate	.59	.56	.50
74AS32*	14	Quad 2 Input OR Gate	.39	.37	.33

STOCK#	PINS	DESCRIPTION	1-24	25-99	100+
74AS74*	14	Dual D Edge Triggered Flip Flop	.49	.47	.42
74AS157*	16	Quad 2 to 1 Line Data Selector	.79	.75	.68
74AS158*	16	Quad 2 to 1 Multiplexer (Inverted)	.79	.75	.68
74AS230*	20	Octal Buffer/Line Driver (Tri-State Output)	1.49	1.42	1.28
74AS231*	20	Octal Buffer/Line Driver (Tri-State Output)	1.49	1.42	1.28
74AS241*	20	Octal Bus/Line Driver (Tri-State Output)	1.49	1.42	1.28
74AS242*	14	Quad Bus Transceiver	1.49	1.42	1.28
74AS243*	14	Quad Bus Receiver Tri-State Output	1.49	1.42	1.28
74AS244*	20	Octal Driver (Tri-State Output)	1.79	1.70	1.53
74AS258*	16	Quad 2 to 1 Multiplexer	.89	.85	.77
74AS374*	20	Octal D Type Flip Flop	1.49	1.42	1.28
74AS805*	20	Dual Input NOR Driver	1.79	1.70	1.53
74AS880*	S-24	Dual 4 Bit D Type Latch	3.49	3.32	2.99

## 74AHCT Dual In-Line Package

STOCK#	PINS	DESCRIPTION	1-24	25-99	100+
74AHCT00	14	Quad 2 Input NAND Gate	.14	.13	.12
74AHCT02	14	Quad 2 Input NOR Gate	.19	.18	.16
74AHCT04	14	Hex Inverter	.21	.20	.18
74AHCT08	14	Quad 2 Input AND Gate	.21	.20	.18
74AHCT14	14	Hex Schmitt Trigger Inverter	.21	.20	.18
74AHCT32	14	Quad 2 Input OR Gate	.18	.17	.15
74AHCT74	14	Dual D Edge Triggered Flip Flop	.21	.20	.18
74AHCT138	16	3 to 8 Line Decoder/Demultiplexer	.24	.23	.21
74AHCT175	16	Quad D Type Flip Flop with Direct Clear	.49	.47	.42
74AHCT244	20	Octal Driver (Tri-State Output)	.24	.23	.21
74AHCT245	20	Octal Bus Transceiver	.27	.26	.23
74AHCT373*	20	Octal D Type Latch (Tri-State Output)	.21	.20	.18
74AHCT374*	20	Octal D Type Flip Flop (Tri-State Output)	.19	.18	.16

## 74L Dual In-Line Package

STOCK#	PINS	DESCRIPTION	1-24	25-99	100+
74L02*	14	Quad 2 Input NOR Gate	.99	.94	.85
74L04*	14	Hex Inverter	.99	.94	.85
74L05*	14	Hex Inverter (Open Collector)	.99	.94	.85
74L08*	14	Quad 2 Input AND Gate	.99	.94	.85
74L20*	14	Dual 4 Input NAND Gate	.99	.94	.85
74L32*	14	Quad 2 Input OR Gate	.99	.94	.85
74L73*	14	Dual JK Flip Flop with Clear	.99	.94	.85
74L74*	14	Dual D Edge Triggered Flip Flop	.99	.94	.85
74L75*	16	4 Bit Bi-Stable Latch	.99	.94	.85
74L90*	14	Decade Counter	.99	.94	.85
74L157*	16	Quad 2 to 1 Line Data Selector	.99	.94	.85
74L165*	16	8 Bit Shift Register (Parallel Load)	.99	.94	.85

## RCA

STOCK#	PINS	DESCRIPTION	1-24	25-99	100+
CA3028H*	TO-5	Differential/Cascade Amplifier	6.99	6.64	5.98
CA3046N	14	Transistor Array	.55	.52	.47
CA3060N*	14	Triple Operational Amplifier	2.49	2.37	2.13
CA3065N*	14	TV/FM Sound System	1.49	1.42	1.28
CA3080N	8	Operational Transconductance Amplifier	3.49	3.32	2.99
CA3081N	16	Common Emitter Transistor Array	1.99	1.89	1.70
CA3082N*	16	Common Collector Transistor Array	1.99	1.89	1.70
CA3083N	16	NPN Transistor Array	.79	.75	.68
CA3086N	14	NPN Transistor Array	.79	.75	.68
CA3089N*	16	FM/IF System	1.99	1.89	1.70
CA3096N*	16	NPN/PNP Transistor Array	6.99	6.64	5.98
CA3130N	8	CMOS Operational Amplifier	.79	.75	.68
CA3130H*	TO-5	CMOS Operational Amplifier	1.99	1.89	1.70
CA3140N	8	Bi-MOS Operational Amplifier	.49	.47	.42
CA3146N	14	High Voltage Transistor Array	.49	.47	.42
CA3162N	16	Analog to Digital Converter (BCD Output)	14.99	14.24	12.82
CA3189N	16	FM/IF System	1.39	1.32	1.19

## 9000 Dual In-Line Package

STOCK#	PINS	DESCRIPTION	1-24	25-99	100+
9003*	14	Triple 3 Input NAND Gate	.79	.75	.68
9301*	16	1 of 10 Decoder	.29	.28	.25
9304*	16	Dual Full Adder	.69	.66	.59
9312	16	8 Input Multiplexer	.99	.94	.85
9321	16	Dual 1 of 4 Decoder	.89	.85	.77
9324*	16	5 Bit Comparator	.99	.94	.85
9328*	16	Dual 8 Bit Shift Register	.89	.85	.77
9368	16	BCD to 7 Segment Decoder/Driver/Latch	14.99	14.24	12.82
9401*	14	TTL/LSI Cycle Redundancy Check	3.99	3.79	3.41
9602	16	Dual Monostable Multivibrator	1.49	1.42	1.28
96102*	16	Low Power Dual Mono. Multivibrator	.99	.94	.85
96502*	16	Dual Mono. Multivibrator (Schottky)	.99	.94	.85
93S151*	16	8 Input Multiplexer	1.99	1.89	1.70

\*DISCONTINUED - STOCK CONDITIONS MAY VARY

# UNICORN ELECTRONICS

## 74ALS Dual In-Line Package

STOCK#	PINS	DESCRIPTION	1-24	25-99	100+
74ALS00	14	Quad 2 Input NAND Gate	.19	.18	.16
74ALS01*	14	Quad 2 Input NAND Gate (Open Collector)	.24	.23	.21
74ALS02	14	Quad 2 Input NOR Gate	.19	.18	.16
74ALS02D	SO-14	Quad 2 Input NOR Gate (SMD)	.19	.18	.16
74ALS03*	14	Quad 2 Input NAND Gate (Open Collector)	.24	.23	.21
74ALS04	14	Hex Inverter	.19	.18	.16
74ALS04D	SO-14	Hex Inverter (SMD)	.19	.18	.16
74ALS05	14	Hex Inverter (Open Collector)	.19	.18	.16
74ALS08	14	Quad 2 Input AND Gate	.19	.18	.16
74ALS08D	SO-14	Quad 2 Input AND Gate (SMD)	.19	.18	.16
74ALS09*	14	Quad 2 Input AND Gate (Open Collector)	.24	.23	.21
74ALS10*	14	Triple 3 Input NAND Gate	.19	.18	.16
74ALS10D*	SO-14	Triple 3 Input NAND Gate (SMD)	.13	.12	.11
74ALS11	14	Triple 3 Input AND Gate	.19	.18	.16
74ALS11D*	SO-14	Triple 3 Input AND Gate (SMD)	.19	.18	.16
74ALS12*	14	Triple 3 Input NAND Gate	.29	.28	.25
74ALS20*	14	Dual 4 Input NAND Gate	.19	.18	.16
74ALS21*	14	Dual 4 Input AND Gate	.19	.18	.16
74ALS27	14	Triple 3 Input NOR Gate	.19	.18	.16
74ALS30	14	8 Input NAND Gate	.29	.28	.25
74ALS32	14	Quad 2 Input OR Gate	.19	.18	.16
74ALS33*	14	Quad 2 Input NOR Buffer	1.79	1.70	1.53
74ALS38*	14	Quad 2 Input NAND Buffer (Open Collector)	.33	.31	.28
74ALS40*	14	Dual 4 Input NAND Buffer	.39	.37	.33
74ALS74	14	Dual D Edge Triggered Flip Flop	.19	.18	.16
74ALS86	14	Quad 2 Input Exclusive/OR Gate	.19	.18	.16
74ALS109*	16	Dual JK Edge Triggered Flip Flop	.33	.31	.28
74ALS112	16	Dual JK Edge Triggered Flip Flop	.59	.56	.50
74ALS138	16	3 to 8 Line Decoder/Demultiplexer	.29	.28	.25
74ALS139	16	Dual 2 to 4 Line Decoder/Demultiplexer	.29	.28	.25
74ALS160	16	4 Bit Decade Counter with Direct Clear	.45	.43	.39
74ALS162*	16	Synchronous 4 Bit Decade Counter	.39	.37	.33
74ALS163*	16	Synchronous 4 Bit Binary Counter	.39	.37	.33
74ALS174*	16	Hex D Type Flip Flop with Direct Clear	.19	.18	.16
74ALS174D	SO-16	Hex D Type Flip Flop with Direct Clear (SMD)	.33	.31	.28
74ALS175	16	Quad D Type Flip Flop with Direct Clear	.19	.18	.16
74ALS240	20	Octal Inverting Bus/Line Driver	.29	.28	.25
74ALS241*	20	Octal Bus/Line Driver	.49	.47	.42
74ALS244	20	Octal Driver (Tri-State Output)	.29	.28	.25
74ALS245	20	Octal Bus Transceiver	.29	.28	.25
74ALS251	16	Data Selector/Multiplexer (Tri-State Output)	.39	.37	.33
74ALS273	20	Octal D Type Flip Flop	.45	.43	.39
74ALS373	20	Octal D Type Latch (Tri-State Output)	.24	.23	.21
74ALS374	20	Octal D Type Flip Flop (Tri-State Output)	.21	.20	.18
74ALS374D	SO-20	Octal D Type Flip Flop (Tri-State Output) (SMD)	.29	.28	.25
74ALS519*	20	8 Bit Magnitude Comparator	.99	.94	.85
74ALS520*	20	Octal Comparator	.99	.94	.85
74ALS521*	20	Octal Comparator	.55	.52	.47
74ALS522*	20	8 Bit Magnitude Comparator (Open Collector)	.79	.75	.68
74ALS533	20	Octal D Type Latch	.49	.47	.42
74ALS534	20	Octal D Type Edge Trig. Flip Flop (T.S.-Inv.)	1.49	1.42	1.28
74ALS573	20	Octal D Type Transparent Latch	.35	.33	.30
74ALS574	20	Octal D Type Edge Triggered Flip Flop	.45	.43	.39
74ALS580*	20	Octal D Type Transparent Latch (T.S.-Inv.)	2.49	2.37	2.13
74ALS621*	20	Octal Bus Transceiver (Open Collector)	2.99	2.84	2.56
74ALS640	20	Octal Bus Transceiver (T.S.-Inv.)	.69	.66	.59
74ALS646	S-24	Octal Bus Transceiver with Latches	1.39	1.32	1.19
74ALS689	20	8 Bit Magnitude Comparator (Open Collector)	1.29	1.23	1.11
74ALS804*	20	Hex 2 Input NAND Driver	3.49	3.32	2.99
74ALS805*	20	Hex 2 Input NOR Driver	3.49	3.32	2.99
74ALS1000*	14	Quad 2 Input NAND Gate	.33	.31	.28
74ALS1002*	14	Quad 2 Input NOR Buffer Gate	.59	.56	.50
74ALS1008*	14	Quad 2 Input Positive/AND Buffer Gate	.33	.31	.28
74ALS1011*	14	Triple 3 Input Positive/AND Gate	.39	.37	.33
74ALS1020*	14	Dual 4 Input NAND Buffer Gate	.99	.94	.85
74ALS1032*	14	Quad 2 Input Positive/OR/Buffer Gate	.59	.56	.50

## CRT/DISK CONTROLLERS

STOCK#	PINS	DESCRIPTION	1-24	25-99	100+
1791*	40	Single/Double Density Controller (Inverted)	3.99	3.79	3.41
1793*	40	Single/Double Density Controller	4.99	4.74	4.27
1797*	40	Single/Double Density Cont. with Side Select	2.99	2.84	2.56
2674	40	Advanced Video Display Controller	10.99	10.44	9.40
2791*	40	Single/Double Density Controller (Inverted)	7.99	7.59	6.83
2793*	40	Single/Double Density Controller	7.99	7.59	6.83
2797*	40	Single/Double Density Cont. with Side Select	14.99	14.24	12.82
S5501D*	PLCC/44	Floppy Disk Read/Write Amplifier (SMD)	1.99	1.89	1.70
6545	40	CRT Controller (CRTC-1 Mhz)	3.99	3.79	3.41
6545A	40	CRT Controller (CRTC-2 Mhz)	5.99	5.69	5.12
6845	40	CRT Controller (CRTC-1 Mhz)	2.99	2.84	2.56
68B45	40	CRT Controller (CRTC-2 Mhz)	7.99	7.59	6.83
8272	40	Floppy Disk Controller	1.99	1.89	1.70
8275	40	Programmable CRT Controller	7.99	7.59	6.83

## TELEPHONE & KEYBOARD

STOCK#	PINS	DESCRIPTION	1-24	25-99	100+
TCM5089	16	Integrated Tone Dialer	4.49	4.27	3.84
AYS-2376*	40	Keyboard Encoder (88 Key)	12.99	12.34	11.11
AYS-9100*	18	Push Button Telephone Dialer	13.99	13.29	11.96
MM53130*	18	Touch Tone Dialer	9.99	9.49	8.54
74C922	18	Keyboard Encoder (16 Key)	5.99	5.69	5.12
74C923	20	Keyboard Encoder (20 Key)	5.99	5.69	5.12
TMS99532*	16	FSK Modem (Bell 103 Compatible-300 Bits/Sec.)	3.99	3.79	3.41

## A/D / D/A

STOCK#	PINS	DESCRIPTION	1-24	25-99	100+
ADC0803	20	8 Bit A/D Converter ( $\pm 1/2$ LSB)	2.79	2.65	2.39
ADC0804	20	8 Bit A/D Converter (1 LSB)	1.59	1.51	1.36
ADC0808	28	8 Bit A/D Converter with 8 Channel Analog	3.49	3.32	2.99
ADC0809	28	8 Bit A/D Converter (8 Channel MPX)	2.49	2.37	2.13
ADC0817	40	8 Bit A/D Converter (16 Channel MPX)	5.99	5.69	5.12
ADC0820	20	8 Bit Hi-Speed A/D Converter	2.49	2.37	2.13
ADC0831	8	8 Bit A/D Converter with Serial I/O	1.69	1.61	1.45
ADC0832*	8	8 Bit A/D Converter (2 Channel MPX)	1.69	1.61	1.45
ADC0833*	14	8 Bit A/D Converter (4 Channel MPX)	9.99	9.49	8.54
ADC0838*	20	8 Bit A/D Converter (8 Channel MPX)	1.99	1.89	1.70
ZN449D*	SO-18	Analog to Digital Converter (1/2 LSB) (SMD)	5.99	5.69	5.12
DAC0800	16	8 Bit D/A Converter ( $\pm 1$ LSB)	.79	.75	.68
DAC0802	16	8 Bit D/A Converter (10% Linear)	.99	.94	.85
DAC0806	16	8 Bit D/A Converter	1.79	1.70	1.53
DAC0807	16	8 Bit D/A Converter	1.79	1.70	1.53
DAC0808	16	8 Bit D/A Converter	.89	.85	.77
DAC0830	20	8 Bit UP D/A Converter (.05% Linear)	4.49	4.27	3.84
DAC0831	20	8 Bit UP D/A Converter (.10% Linear)	5.99	5.69	5.12
DAC1020*	16	10 Bit D/A Converter (.05% Linear)	6.99	6.64	5.98
DAC1022*	16	10 Bit D/A Converter (.20% Linear)	9.99	9.49	8.54
DAC1222	18	12 Bit D/A Converter (.20% Linear)	9.99	9.49	8.54

## 5000 / 50000 Dual In-Line Package

STOCK#	PINS	DESCRIPTION	1-24	25-99	100+
SAA5070*	40	Interactive Videotex Decoder	1.49	1.42	1.28
TCM5089	16	Integrated Tone Dialer	4.49	4.27	3.84
TCM5091*	16	Integrated Tone Dialer	4.49	4.27	3.84
SAA5240*	40	Microprocessor Controlled Teletext Circuit	1.99	1.89	1.70
MM5314*	24	6 Digit LED/Incandescent Readout Clock Chip	19.99	18.99	17.09
MM5321*	16	TV Camera Sync. Generator	3.99	3.79	3.41
MM5368	8	Oscillator/Divider (32 Khz-60 Hz)	9.99	9.49	8.54
MM5369A	8	Programmable Oscillator/Divider (60 Hz)	9.99	9.49	8.54
MM5437	8	Digital Noise Source	9.99	9.49	8.54
MM5447*	40	33-35 Segment VF Driver	3.99	3.79	3.41
MM5450	40	34 Segment LED Display Driver	2.99	2.84	2.56
MM5485*	16	11 Segment LED Display Driver	3.99	3.79	3.41
MSM5832*	18	Microprocessor Real Time Clock/Calendar	5.99	5.69	5.12
MM5837*	8	Noise Generator	9.99	9.49	8.54
MM53130*	18	Touch Tone Dialer	9.99	9.49	8.54
MM53200*	18	Digital Code Transmitter/Receiver	9.99	9.49	8.54
MM53226*	24	Infrared Transmitter	5.99	5.69	5.12
MM58167	24	Real Time Clock	9.99	9.49	8.54
MM58174	16	Microprocessor Compatible Clock	29.99	28.49	25.64
MM58274	16	Microprocessor Compatible Real Time Clock	29.99	28.49	25.64
MM58313*	20	Display Driver	9.99	9.49	8.54

## PAL / GAL Dual In-Line Package

STOCK#	PINS	DESCRIPTION	1-24	25-99	100+
PAL10H8*	20	10 Input AND/OR Gate Array	1.79	1.70	1.53
PAL12H6*	20	12 Input AND/OR Gate Array	1.29	1.23	1.11
PAL16H8*	20	16 Input AND/OR Gate Array	.99	.94	.85
PAL16L2*	20	16 Input AND/OR Invert Gate Array	.99	.94	.85
PAL16L8	20	16 Input AND/OR Invert Gate Array	1.49	1.42	1.28
PAL16R4*	20	16 Input AND/OR Gate Array with Registers	.99	.94	.85
PAL16R6	20	16 Input AND/OR Gate Array with Registers	.49	.47	.42
PAL16R8	20	16 Input AND/OR Gate Array with Registers	.99	.94	.85
PAL18L4*	20	18 Input AND/OR Invert Gate Array	.99	.94	.85
PAL20X10*	S-24	20 Input AND/OR/XOR Invert Gate Array	5.99	5.69	5.12
16V8-10	20	Electrically Erasable PLD (10 ns)	1.79	1.70	1.53
16V8-12	20	Electrically Erasable PLD (12 ns)	1.49	1.42	1.28
16V8-15	20	Electrically Erasable PLD (15 ns)	1.19	1.13	1.02
16V8-25	20	Electrically Erasable PLD (25 ns)	1.09	1.04	.94
20V8-10	S-24	Electrically Erasable PLD (10 ns)	1.79	1.70	1.53
20V8-12	S-24	Electrically Erasable PLD (12 ns)	1.49	1.42	1.28
20V8-15	S-24	Electrically Erasable PLD (15 ns)	1.19	1.13	1.02
20V8-25	S-24	Electrically Erasable PLD (25 ns)	1.09	1.04	.94
22V10-10	S-24	Electrically Erasable PLD (10 ns)	3.49	3.32	2.99
22V10-15	S-24	Electrically Erasable PLD (15 ns)	2.49	2.37	2.13
22V10-25	S-24	Electrically Erasable PLD (25 ns)	2.19	2.08	1.87

\*DISCONTINUED - STOCK CONDITIONS MAY VARY

# U N I C O R N E L E C T R O N I C S

## I N T E R F A C E

STOCK#	PINS	DESCRIPTION	1-24	25-99	100+
8T01*	16	Nixie Decoder/Driver	1.49	1.42	1.28
8T26	16	Quad Bus Transceiver (Tri-State Output)	1.49	1.42	1.28
8T28	16	Quad Line Driver (Tri-State Output)	1.49	1.42	1.28
8T34*	16	Quad Bus Transceiver (Tri-State Output)	.69	.66	.59
8T80*	16	Quad 2 Input NAND Interface Gate	.99	.94	.85
8T95	16	High Speed Hex Buffer/Inverter	1.99	1.89	1.70
8T96	16	Hex Inverter (Tri-State Output)	1.99	1.89	1.70
8T97	16	High Speed Hex Buffer (Tri-State Output)	1.99	1.89	1.70
8T98*	16	High Speed Hex Inverter (Tri-State Output)	1.99	1.89	1.70
8T380*	14	Quad Bus Receiver	.99	.94	.85
26LS29	16	Single End RS423 Line Driver (Tri-State Output)	1.99	1.89	1.70
26LS30	16	RS423, RS422 Line Driver with Mode Control	1.99	1.89	1.70
26LS31	16	Quad Differential Line Driver	.49	.47	.42
26LS31D*	SO-16	Quad Differential Line Driver (SMD)	.49	.47	.42
26LS32	16	Quad Differential Line Receiver	.49	.47	.42
26LS33	16	Quad Differential Line Receiver	.39	.37	.33
75107	14	Dual Line Receiver	.29	.28	.25
75108D	SO-14	Differential Line Receiver (Open Collector) (SMD)	.79	.75	.68
75110	14	Dual Line Driver	.27	.26	.23
75S110	14	Dual Line Driver	.59	.56	.50
75113	16	Dual Differential Line Driver (Tri-State Output)	1.49	1.42	1.28
75114	16	Dual Differential Line Driver	1.29	1.23	1.11
75123	16	Dual Line Driver	1.29	1.23	1.11
75124	16	Triple Line Receiver	1.29	1.23	1.11
75138	16	Quad Bus Transceiver	.99	.94	.85
75150	8	Dual Line Driver	.39	.37	.33
75154	16	Quad Line Receiver	.33	.31	.28
75154D	SO-16	Quad Line Receiver (SMD)	.79	.75	.68
75159*	16	Differential Line Driver	1.79	1.70	1.53
75160	20	Octal Interface Bus Transceiver	1.09	1.04	.94
75161	20	Octal Interface Bus Transceiver (Single Controller)	1.09	1.04	.94
75162	22	Octal Interface Bus Transceiver (Multi-Controller)	5.99	5.69	5.12
75172	16	Quad Differential Line Driver	.99	.94	.85
75173	16	Quad Differential Line Receiver	.89	.85	.77
75174	16	Quad Differential RS422 Line Driver (Tri-State Out.)	.69	.66	.59
75175	16	Quad Diff. RS422/423 Line Receiver (Tri-State Out.)	.49	.47	.42
75176	8	Differential Bus Transceiver	.49	.47	.42
75176D	SO-8	RS422 Differential Bus Transceiver (SMD)	.29	.28	.25
75182	14	Dual Line Receiver	.49	.47	.42
75183	14	Dual Line Driver	.79	.75	.68
75234*	16	Dual Sense Amplifier	.99	.94	.85
75322*	14	Dual TTL to MOS Driver	1.99	1.89	1.70
75368*	14	Dual MOS Driver	1.99	1.89	1.70
75450*	14	Dual Peripheral AND Driver	1.49	1.42	1.28
75451	8	Dual Peripheral AND Driver	.24	.23	.21
75452	8	Dual Peripheral NAND Driver	.24	.23	.21
75453	8	Dual Peripheral OR Driver	.24	.23	.21
75454	8	Dual Peripheral NOR Driver	.24	.23	.21
75461	8	Dual Peripheral AND Driver	1.29	1.23	1.11
75462	8	Dual Peripheral NAND Driver	1.29	1.23	1.11
75463	8	Dual Peripheral OR Driver	1.29	1.23	1.11
75477	8	Dual Peripheral NAND Driver	.29	.28	.25
75491	14	Quad Segment Driver	2.99	2.84	2.56
75492	14	Hex Digit Driver	3.99	3.79	3.41
75494	18	6 Segment LED Driver	5.99	5.69	5.12

## 4000

Dual In-Line Package

STOCK#	PINS	DESCRIPTION	1-24	25-99	100+
4000	14	Dual 3 Input NOR Gate Plus Inverter	.24	.23	.21
4001	14	Quad 2 Input NOR Gate	.24	.23	.21
4001D	SO-14	Quad 2 Input NOR Gate (SMD)	.20	.19	.17
4002	14	Dual 4 Input NOR Gate	.19	.18	.16
4006*	14	18 Bit Static Shift Register	.59	.56	.50
4007	14	Dual Complementary Pair Plus Inverter	.24	.23	.21
4008*	16	4 Bit Full Adder	.69	.66	.59
4009	16	Hex Buffer/Converter (Inverting)	.33	.31	.28
4010	16	Hex Buffer/Converter	.29	.28	.25
4011	14	Quad 2 Input NAND Gate	.19	.18	.16
4011D	SO-14	Quad 2 Input NAND Gate (SMD)	.19	.18	.16
4012	14	Dual 4 Input NAND Gate	.20	.19	.17
4013	14	Dual D Type Flip Flop	.19	.18	.16
4014	16	8 Bit Static Shift Register	.20	.19	.17
4015	16	Dual 4 Bit Static Shift Register	.24	.23	.21
4016	14	Quad Analog Switch/Multiplexer	.21	.20	.18
4017	16	Decade Counter/Divider	.24	.23	.21
4017D	SO-16	Decade Counter/Divider (SMD)	.24	.23	.21
4018	16	Presetable Divide By N Counter	.24	.23	.21
4019	16	Quad AND/OR Select Gate	.24	.23	.21
4020	16	14 Bit Binary Counter	.24	.23	.21
4021	16	8 Bit Static Shift Register	.24	.23	.21
4022	16	Octal Counter/Divider	.27	.26	.23
4023	14	Triple 3 Input NAND Gate	.24	.23	.21
4024	14	7 Stage Binary Counter	.24	.23	.21
4024D	SO-14	7 Stage Binary Counter (SMD)	.17	.16	.15
4025	14	Triple 3 Input NOR Gate	.19	.18	.16
4026	16	7 Segment Decade Counter/Display Enable	.49	.47	.42

STOCK#	PINS	DESCRIPTION	1-24	25-99	100+
4027	16	Dual JK Flip Flop	.19	.18	.16
4028	16	BCD to Decimal Decoder	.24	.23	.21
4029	16	4 Bit Presetable Up/Down Counter	.27	.26	.23
4030	14	Quad Exclusive/OR Gate	.19	.18	.16
4031	16	64 Stage Shift Register	1.09	1.04	.94
4034	24	8 Bit Universal Shift Register (Tri-State Output)	1.49	1.42	1.28
4035	16	4 Bit Universal Shift Register	1.09	1.04	.94
4040	16	12 Bit Binary Counter	.20	.19	.17
4041	14	Quad True/Complement Buffer	.33	.31	.28
4042	16	Quad Clock D Latch	.20	.19	.17
4043	16	Quad NOR R-S Latch (Tri-State Output)	.20	.19	.17
4044	16	Quad NAND R-S Latch (Tri-State Output)	.29	.28	.25
4046	16	Phase Locked Loop	.33	.31	.28
4047	14	Monostable/Astable Multivibrator	.29	.28	.25
4048	16	8 Input/3 Stage Multifunctional Gate	.39	.37	.33
4049	16	Hex Inverter Buffer/Counter	.24	.23	.21
4050	16	Hex Buffer/Converter	.24	.23	.21
4050D	SO-16	Hex Buffer/Converter (SMD)	.24	.23	.21
4051	16	8 Channel Analog Multiplexer/Demultiplexer	.29	.28	.25
4051D	SO-16	8 Channel Analog Multiplexer/Demultiplexer (SMD)	.29	.28	.25
4052	16	Dual 4 Channel Analog Multiplexer/Demult.	.27	.26	.23
4053	16	Triple 3 Channel Analog Multiplexer/Demult.	.20	.19	.17
4056	16	BCD to 7 Segment Driver/Strobe/Latch	.39	.37	.33
4059	24	Programmable Divide By N Counter	1.59	1.51	1.36
4060	16	14 Stage Binary Counter/Divider/Oscillator	.27	.26	.23
4066	14	Quad Analog Switch	.24	.23	.21
4066D	SO-14	Quad Analog Switch (SMD)	.17	.16	.15
4067	24	16 Channel Analog Multiplexer/Demultiplexer	.89	.85	.77
4068	14	8 Input NAND/AND Gate	.19	.18	.16
4069	14	Hex Inverter (Symmetrical Outputs)	.22	.21	.19
4069D	SO-14	Hex Inverter (Symmetrical Outputs) (SMD)	.17	.16	.15
4070	14	Quad Exclusive/OR Gate	.20	.19	.17
4070D	SO-14	Quad Exclusive/OR Gate (SMD)	.20	.19	.17
4071	14	Quad 2 Input OR Gate	.24	.23	.21
4072	14	Dual 4 Input OR Gate	.24	.23	.21
4073	14	Triple 3 Input AND Gate	.21	.20	.18
4075	14	Triple 3 Input OR Gate	.22	.21	.19
4076	16	Quad D Type Register (Tri-State Output)	.33	.31	.28
4077	14	Quad Exclusive/NOR Gate	.19	.18	.16
4078	14	8 Input NOR/OR Gate	.20	.19	.17
4081	14	Quad 2 Input AND Gate	.19	.18	.16
4081D	SO-14	Quad 2 Input AND Gate (SMD)	.17	.16	.15
4082	14	Dual 4 Input AND Gate	.19	.18	.16
4085*	14	Dual 2 Wide/2 Input AND/OR/Invert Gate	.33	.31	.28
4086	14	Expandable 4 Wide/2 Input AND/OR/Inv. Gate	.49	.47	.42
4089	16	Binary Rate Multiplier	.69	.66	.59
4093	14	Quad 2 Input NAND Schmitt Trigger	.21	.20	.18
4094	16	8 Stage Shift & Store Register	.27	.26	.23
4098	16	Dual Monostable Multivibrator	.24	.23	.21
4099	16	8 Bit Addressable Latch	.27	.26	.23
4502	16	Strobe Hex Inverter/Buffer (Tri-State Output)	.19	.18	.16
4503	16	Hex Buffer (Tri-State Output)	.27	.26	.23
4505*	14	64 x 1 RAM	1.99	1.89	1.70
4506*	16	Dual Expandable AND/OR/Invert Gate	1.99	1.89	1.70
4508	24	Dual 4 Bit Latch	1.19	1.13	1.02
4510	16	BCD Up/Down Counter	.27	.26	.23
4511	16	BCD to 7 Segment Latch/Decoder/Driver	.29	.28	.25
4512	16	8 Channel Data Selector (Tri-State Output)	.27	.26	.23
4514	24	4 Bit Latch/4 to 16 Line Decoder (High)	.89	.85	.77
4515	24	4 Bit Latch/4 to 16 Line Decoder (Low)	.69	.66	.59
4516	16	Binary Up/Down Counter	.39	.37	.33
4517*	16	Dual 64 Bit Static Shift Register	.99	.94	.85
4518	16	Dual BCD Up/Down Counter	.24	.23	.21
4519	16	4 Bit AND/OR Selector	.49	.47	.42
4520	16	Dual Binary Up Counter	.24	.23	.21
4522	16	4 Bit Programmable Divide By N Decade Counter	.24	.23	.21
4526	16	Binary Divide By N Counter	.45	.43	.39
4527*	16	BCD Rate Multiplier	.27	.26	.23
4528	16	Dual Monostable Multivibrator	.79	.75	.68
4529	16	Dual 4 Channel Analog Data Selector	1.19	1.13	1.02
4531	16	12 Bit Parity Tree	.99	.94	.85
4532	16	8 Bit Priority Encoder	.27	.26	.23
4538	16	Dual Precision Monostable Multivibrator	.33	.31	.28
4539	16	Dual 4 Channel Digital Multiplexer	.69	.66	.59
4541	14	Programmable Oscillator/Timer	.24	.23	.21
4543	16	BCD to 7 Segment Latch/Decoder/Driver	.24	.23	.21
4553	16	Multiplexed Decade Counter	2.79	2.65	2.39
4555	16	Dual Binary 1 of 4 Decoder/Demultiplexer	.33	.31	.28
4556	16	Dual Binary 1 of 4 Decoder (Inverter)	.24	.23	.21
4557*	16	1 of 64 Bit Variable Length Shift Register	.89	.85	.77
4566*	16	Industrial Time Base Generator	3.99	3.79	3.41
4572	16	Hex Gate	.69	.66	.59
4581	24	4 Bit Arithmetic Logic Unit	1.79	1.70	1.53
4583	16	Dual Schmitt Trigger	.69	.66	.59
4584	14	Hex Schmitt Trigger	.33	.31	.28
4585	16	4 Bit Magnitude Generator	.45	.43	.39
4702	16	Bit Rate Generator	6.99	6.64	5.98
4723*	16	Dual 4 Bit Addressable Latch	1.49	1.42	1.28
4724*	16	8 Bit Addressable Latch	1.49	1.42	1.28

\*DISCONTINUED - STOCK CONDITIONS MAY VARY

# UNICORN ELECTRONICS

DALLAS SEMICONDUCTOR				Dual In-Line Package		
STOCK#	PINS	DESCRIPTION	1-24	25-99	100+	
DS1202	8	Serial Timekeeping Chip ( 24 x 8 RAM)	3.49	3.32	2.99	
DS1210	8	Nonvolatile Controller Chip	2.49	2.37	2.13	
DS1213C	28	SmartSocket 64K/256K bit	13.99	13.29	11.96	
DS1216C	28	Smartwatch/RAM 64K/256K	21.99	20.89	18.80	
DS1220Y	24	16K Nonvolatile SRAM 10% Power, 150ns	9.99	9.49	8.54	
DS1225	28	64K Nonvolatile SRAM 5% Power, 150ns	11.99	11.39	10.25	
DS1230	28	256K Nonvolatile SRAM 10% Power, 150ns	15.99	15.19	13.67	
DS1232	8	Micromonitor Chip	1.79	1.70	1.53	
DS1286	28	Watchdog Timekeeper (50 byte RAM)	14.99	14.24	12.82	

MOTOROLA				Dual In-Line Package		
STOCK#	PINS	DESCRIPTION	1-24	25-99	100+	
MC846*	14	Quad 2 Input Gate	2.49	2.37	2.13	
MC852*	14	Dual JK Flip Flop	2.49	2.37	2.13	
MC855*	14	Quad JK Flip Flop	2.49	2.37	2.13	
MC1330*	8	Low Level Video Detector	3.79	3.60	3.24	
MC1349*	8	Video IF Amplifier (15v)	2.99	2.84	2.56	
MC1350	8	Video IF amplifier (12v)	1.99	1.89	1.70	
MC1372*	14	Video Modulator	2.99	2.84	2.56	
MC1374*	14	TV Modulator Circuit	2.99	2.84	2.56	
MC3340*	8	Electronic Attenuator	9.99	9.49	8.54	
MC3470	18	Floppy Disk Read Amp. System	.99	.94	.85	
MC3479	16	Bi-Phase Stepper Motor Driver	2.99	2.84	2.56	
MC3486	16	Quad RS422/423 Line Receiver (Tri-State Output)	.39	.37	.33	
MC3487	16	Quad RS422 Line Driver (Tri-State Output)	.39	.37	.33	
MC14410	16	2 of 8 Tone Encoder	9.99	9.49	8.54	
MC14411	24	Bit Rate Frequency Generator	6.99	6.64	5.98	
MC14419*	16	2 of 8 Keypad to Binary Encoder	9.99	9.49	8.54	
MC14433*	24	3 1/2 Digit A/D Converter	29.99	28.49	25.64	
MC14457*	16	Ultrasonic/Infrared CMOS Transmitter	7.99	7.59	6.83	
MC14458*	24	Ultrasonic/Infrared CMOS Receiver	9.99	9.49	8.54	
MC14490	16	Hex Contact Bounce Eliminator	4.99	4.74	4.27	
MC14495	16	BCD to 7 Segment Latch/Decoder/Driver	9.99	9.49	8.54	
MC145026	16	Remote Control Encoder (CMOS)	1.99	1.89	1.70	
MC145027	16	Remote Control Decoder (5 Bit - CMOS)	2.79	2.65	2.39	
MC145028	16	Remote Control Decoder (9 Bit - CMOS)	1.99	1.89	1.70	
MC145106	18	Phase Locked Loop Freq. Synthesizer (CMOS)	2.19	2.08	1.87	
MC145406	16	RS232/V-28 Driver/Receiver (CMOS)	.79	.75	.68	
MC145407	20	Triple Single Ended Transceiver (CMOS)	9.99	9.49	8.54	
MC146818	24	Real Time Clock with RAM	3.99	3.79	3.41	

EXAR				Dual In-Line Package		
STOCK#	PINS	DESCRIPTION	1-24	25-99	100+	
XR215*	16	High Frequency PLL	7.99	7.59	6.83	
XRL555	8	Micro Power NE555	.99	.94	.85	
XR2206	16	Monolithic Function Generator	3.29	3.13	2.82	
XR2207*	14	Voltage Controlled Oscillator	4.99	4.74	4.27	
XR2209*	8	Precision Oscillator	2.99	2.84	2.56	
XR2211	14	FSK Demodulator/Tone Encoder	1.59	1.51	1.36	
XR2212*	16	Precision Phase Locked Loop	4.99	4.74	4.27	
XR2242	8	Long Range Timer	1.99	1.89	1.70	
XR2556*	14	Dual Timing Circuit	.99	.94	.85	
XR3403*	14	Quad Operational Amplifier	.49	.47	.42	
XR4202*	16	Quad Programmable Op. Amp.	.49	.47	.42	
XR4212*	14	Quad LM741	.49	.47	.42	
XR4741*	14	Quad Operational Amplifier	3.99	3.79	3.41	

PIC MICROCONTROLLERS				Dual In-Line Package				
STOCK#	PINS	EPROM	RAM	I/O LINES	MHz RANGE	1-24	25-99	100+
PIC16C54A-04/P	18	512 x 12	32 x 8	12	DC - 4 MHz	2.49	2.37	2.13
PIC16C55-RC/P	28	512 x 12	32 x 8	20	DC - 20 MHz	3.49	3.32	2.99
PIC16C56-RC/P	18	1K x 12	32 x 8	12	DC - 20 MHz	3.49	3.32	2.99
PIC16C57-XT/P	28	2K x 12	72 x 8	20	DC - 4 MHz	3.99	3.79	3.41

MAXIM				Dual In-Line Package		
STOCK#	PINS	DESCRIPTION	1-24	25-99	100+	
MAX202CPE	16	RS232 Transceiver with .1µf Capacitors	1.79	1.70	1.53	
MAX231CPD	14	Dual RS232 Receiver/Transmitter	2.79	2.65	2.39	
MAX232CPE	16	Dual RS232 Receiver/Transmitter	1.69	1.61	1.45	
MAX233CPP	20	Dual RS232 Receiver/Transmitter	4.79	4.55	4.10	
MAX235CPG	24	Quintuple RS232 Receiver/Transmitter	8.99	8.54	7.69	
MAX238CNG	24	Quad RS232 Receiver/Transmitter	4.99	4.74	4.27	
MAX690CPA	8	Microprocessor Watchdog/Battery Switchover	3.49	3.32	2.99	
MAX691CPE	16	Microprocessor Watchdog/Battery Switchover	3.79	3.60	3.24	
MAX1232CPA	8	Microprocessor Monitor	1.79	1.70	1.53	

VOLTAGE REGULATORS				Dual In-Line Package		
STOCK#	PINS	DESCRIPTION	1-24	25-99	100+	
LM1091*	TO-3	5v Voltage Regulator (1.5 Amp)	29.99	28.49	25.64	
LM305H	TO-5	+5v Voltage Regulator (4.5v-40v)	7.99	7.59	6.83	
LM309J	TO-3	5v Voltage Regulator (1 Amp)	3.99	3.79	3.41	
LM317J	TO-3	1.2v-37v Adj. Positive Voltage Regulator (1.5 Amp)	1.99	1.89	1.70	
LM317T	TO-220	1.2v-37v Adj. Positive Voltage Regulator (1.5 Amp)	.33	.31	.28	
LM317Z	TO-92	1.2v-37v Adj. Positive Voltage Regulator (100 Ma)	.29	.28	.25	
LM323J	TO-3	+5v Voltage Regulator (3 Amp)	2.79	2.65	2.39	
LM329Z	TO-92	6.9v Precision Voltage Regulator (.6-15 Ma)	.59	.56	.50	
LM337J	TO-3	1.2v-37v Adj. Negative Voltage Regulator (1.5 A)	3.49	3.32	2.99	
LM337T	TO-220	1.2v-37v Adj. Negative Voltage Regulator (1.5 Amp)	.49	.47	.42	
LM338J	TO-3	1.2v-37v Adj. Negative Voltage Regulator (1.5 A)	3.99	3.79	3.41	
LM350J	TO-3	1.2v-37v Adj. Positive Voltage Regulator (3 Amp)	3.99	3.79	3.41	
LM350T	TO-220	1.2v-37v Adj. Positive Voltage Regulator (3 Amp)	.79	.75	.68	
LM376N	8	5v-37v Adjustable Positive Volt. Regulator (25 Ma)	3.99	3.79	3.41	
NE550H*	TO-5	Precision Voltage Regulator	7.99	7.59	6.83	
LM723H	TO-5	2v-37v Voltage Regulator	3.99	3.79	3.41	
LM723N	14	2v-37v Voltage Regulator	.33	.31	.28	
7805T	TO-220	+5v Voltage Regulator (1 Amp)	.29	.28	.25	
7806T	TO-220	+6v Voltage Regulator (1 Amp)	.29	.28	.25	
7808T	TO-220	+8v Voltage Regulator (1 Amp)	.29	.28	.25	
7812T	TO-220	+12v Voltage Regulator (1 Amp)	.29	.28	.25	
7815T	TO-220	+15v Voltage Regulator (1 Amp)	.29	.28	.25	
7818T	TO-220	+18v Voltage Regulator (1 Amp)	.29	.28	.25	
7824T	TO-220	+24v Voltage Regulator (1 Amp)	.29	.28	.25	
7805J	TO-3	+5v Voltage Regulator (1 Amp)	1.49	1.42	1.28	
7812J	TO-3	+12v Voltage Regulator (1 Amp)	1.49	1.42	1.28	
7815J	TO-3	+15v Voltage Regulator (1 Amp)	1.49	1.42	1.28	
7824J	TO-3	+24v Voltage Regulator (1 Amp)	1.49	1.42	1.28	
78L05	TO-92	+5v Voltage Regulator (100 Ma)	.17	.16	.15	
78L12	TO-92	+12v Voltage Regulator (100 Ma)	.17	.16	.15	
78L15	TO-92	+15v Voltage Regulator (100 Ma)	.17	.16	.15	
78M05	TO-220	+5v Voltage Regulator (500 Ma)	.19	.18	.16	
7905T	TO-220	-5v Voltage Regulator (1 Amp)	.27	.26	.23	
7908T	TO-220	-8v Voltage Regulator (1 Amp)	.27	.26	.23	
7912T	TO-220	-12v Voltage Regulator (1 Amp)	.27	.26	.23	
7915T	TO-220	-15v Voltage Regulator (1 Amp)	.27	.26	.23	
7924T	TO-220	-24v Voltage Regulator (1 Amp)	.27	.26	.23	
7905J	TO-3	-5v Voltage Regulator (1 Amp)	1.49	1.32	1.19	
7908J	TO-3	-8v Voltage Regulator (1 Amp)	1.49	1.42	1.28	
7912J	TO-3	-12v Voltage Regulator (1 Amp)	1.49	1.42	1.28	
7915J	TO-3	-15v Voltage Regulator (1 Amp)	1.49	1.42	1.28	
7924J	TO-3	-24v Voltage Regulator (1 Amp)	1.49	1.42	1.28	
79L05	TO-92	-5v Voltage Regulator (100 Ma)	.19	.18	.16	
79L12	TO-92	-12v Voltage Regulator (100 Ma)	.19	.18	.16	
79L15	TO-92	-15v Voltage Regulator (100 Ma)	.19	.18	.16	
78S40	16	1.3v-40v Switching Voltage Regulator (1.5 Amp)	1.09	1.04	.94	

HARRIS/INTERCIL				Dual In-Line Package		
STOCK#	PINS	DESCRIPTION	1-24	25-99	100+	
7106CPL	40	3 1/2 Digit LCD Single Chip A/D Converter	2.39	2.27	2.04	
7107CPL	40	3 1/2 Digit LED Single Chip A/D Converter	2.39	2.27	2.04	
7109CPL	40	12 Bit A/D Converter	2.99	2.84	2.56	
7211MIPL*	40	4 Digit LCD Display Driver	4.99	4.74	4.27	
7217IJI*	28	4 Digit LED Up/Down Counter (Common Anode)	19.99	18.99	17.09	
7217AIPI*	28	4 Digit LED Up/Down Counter (Common Cathode)	29.99	28.49	25.64	
7218CJI	28	8 Digit Universal LED Driver (Common Anode)	5.99	5.69	5.12	
7555IPA	8	CMOS Timer	.33	.31	.28	
7556IPD	14	CMOS Timer	.79	.75	.68	
7660CPA	8	CMOS Voltage Converter (+5 to +5v)	.69	.66	.59	
8038CCPD*	14	Waveform Generator/Voltage Controlled Osc.	19.99	18.99	17.09	
8069CCSQ	TO-52	Low Voltage Reference Diode	2.99	2.84	2.56	

UARTS/USARTS/DUARTS/MUARTS				Dual In-Line Package		
STOCK#	PINS	DESCRIPTION	1-24	25-99	100+	
1602*	40	40K Baud UART	2.99	2.84	2.56	
2651	28	Programmable Communications Interface	3.49	3.32	2.99	
2681	40	Dual Asynchronous Receiver/Transmitter	4.99	4.74	4.27	
2681D*	PLCC/28	Dual Asynchronous Receiver/Transmitter (SMD)	3.99	3.79	3.41	
IM6402	40	Universal Synchronous Receiver/Transmitter	4.49	4.27	3.84	
8250	40	Asynchronous Communication Element	2.99	2.84	2.56	
8250B	40	Asynchronous Communication Element	3.49	3.32	2.99	
8251	28	Programmable Communication I/O	2.49	2.37	2.13	
8256	40	Multifunctional UART	17.99	17.09	15.38	
16450	40	Asynchronous Communication Element	3.99	3.79	3.41	
16C450	40	Asynchronous Communication Element (CMOS)	1.99	1.89	1.70	
16550	40	Universal Asynch. Receiver/Transmitter with FIFOs	3.99	3.79	3.41	
16C550	40	Universal Asynch. Rec./Trans. with FIFOs (CMOS)	1.99	1.89	1.70	
AY3-1015*	40	25K Baud UART	8.99	8.54	7.69	
AY5-1013*	40	40K Baud UART	5.99	5.69	5.12	

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# U N I C O R N E L E C T R O N I C S

## L I N E A R

STOCK#	PDS	DESCRIPTION	1-24	25-99	100+
LH0002N	10	Buffer Amplifier	9.99	9.49	8.54
OP07N	8	Ultra Low Offset Voltage Op. Amp.	.59	.56	.50
DS0025N*	8	Dual Clock Driver	3.99	3.79	3.41
DS0026N	8	Dual Clock Driver	3.99	3.79	3.41
LH0070H	TO-5	BCD Voltage Reference	10.99	10.44	9.40
LM10N	8	Low Voltage Op. Amp. (1.1 Volt)	1.59	1.51	1.36
MF10N	20	General Purpose Dual Active Filter	2.99	2.84	2.56
LM11N*	8	Precision DC Op. Amp.	4.99	4.74	4.27
LM34Z	TO-92	Precision Temperature Sensor (Fahrenheit)	3.99	3.79	3.41
LM35Z	TO-92	Precision Temperature Sensor (Centigrade)	2.79	2.65	2.39
TL061N	8	Low Power JFET Op. Amp.	.24	.23	.21
TL062N	8	Low Power JFET Op. Amp.	.24	.23	.21
TL064N	14	Low Power Op. Amp. (JFET Input)	.33	.31	.28
TL071N	8	Low Noise BIFET Op. Amp.	.27	.26	.23
TL072N	8	Low Noise BIFET Dual Op. Amp.	.25	.24	.22
TL072D	SO-8	Low Noise BIFET Dual Op. Amp. (SMD)	.21	.20	.18
TL074N	14	Low Noise BIFET Quad Op. Amp.	.39	.37	.33
TL074D	SO-14	Low Noise BIFET Quad Op. Amp. (SMD)	.39	.37	.33
TL081N	8	JFET Op. Amp.	.29	.28	.25
TL081D	SO-8	JFET Op. Amp. (SMD)	.29	.28	.25
TL082N	8	General Purpose BIFET Dual Op. Amp.	.33	.31	.28
TL082D	SO-8	General Purpose BIFET Dual Op. Amp. (SMD)	.19	.18	.16
TL084N	14	General Purpose BIFET Quad Op. Amp.	.33	.31	.28
TL084D	SO-14	General Purpose BIFET Quad Op. Amp. (SMD)	.19	.18	.16
LM109J*	TO-3	5v Regulator (1.5 Amp)	29.99	28.49	25.64
TL272N	8	Dual CMOS Op. Amp.	.59	.56	.50
TL274N*	14	Quad CMOS Op. Amp.	1.99	1.89	1.70
TL274D*	SO-14	Quad Op. Amp. (SMD)	1.99	1.89	1.70
LM301H	TO-5	Improved Operational Amplifier	1.99	1.89	1.70
LM301N	8	Improved Operational Amplifier	.29	.28	.25
LM305H	TO-5	4.5v-40v Adjustable Voltage Regulator (30 mA)	9.99	9.54	8.54
LM308H	TO-5	Micro Power Op. Amp.	3.49	3.32	2.99
LM308N	8	Micro Power Op. Amp.	3.49	3.32	2.99
LM308N14*	14	Micro Power Op. Amp.	1.79	1.70	1.53
LM309J	TO-3	5v Regulator (1 Amp)	3.99	3.79	3.41
LM310N	8	Improved Op. Amp./Voltage Follower	5.49	5.22	4.70
LM311H	TO-5	High Performance Voltage Comparator	3.99	3.79	3.41
LM311N	8	High Performance Voltage Comparator	.21	.20	.18
LM311D	SO-8	High Performance Voltage Comparator (SMD)	.16	.15	.14
LM317J	TO-3	1.2v-37v Adjustable Positive Volt. Reg.(1.5 Amp)	1.99	1.89	1.70
LM317T	TO-220	1.2v-37v Adjustable Positive Volt. Reg.(1.5 Amp)	.33	.31	.28
LM317Z	TO-92	1.2v-37v Adjustable Positive Voltage Reg.(100 mA)	.29	.28	.25
LM318H*	TO-5	Precision High Speed Op. Amp.	2.99	2.84	2.56
LM318N	8	Precision High Speed Op. Amp.	.49	.47	.42
LM319N	14	High Speed Dual Comparator	.24	.23	.21
LM323J	TO-3	+5v Regulator (3 Amp)	2.79	2.65	2.39
LM324N	14	Low Power Quad Op. Amp.	.24	.23	.21
LM324D	SO-14	Low Power Quad Op. Amp. (SMD)	.19	.18	.16
LM329Z*	TO-92	6.9v Precision Voltage Regulator (.6-15mA)	.59	.56	.50
LM331N	8	Precision Voltage to Frequency Converter	1.79	1.70	1.53
LM334Z	TO-92	Constant Current Source	.39	.37	.33
LM335Z	TO-92	Temperature Transducer	.49	.47	.42
LM336Z	TO-92	Voltage Reference	.24	.23	.21
LM336D	SO-8	Voltage Reference (SMD)	.29	.28	.25
LM337J	TO-3	1.2v-37v Adj. Neg. Volt. Regulator (1.5 Amp)	3.49	3.32	2.99
LM337T	TO-220	1.2v-37v Adj. Neg. Volt. Regulator (1.5 Amp)	.49	.47	.42
LM338J	TO-3	1.2v-37v Adj. Pos. Volt. Regulator (5 Amp)	3.99	3.79	3.41
LM339N	14	Quad Comparator	.19	.18	.16
LM339D	SO-14	Quad Comparator (SMD)	.19	.18	.16
LM346N	16	Programmable Quad Op. Amp.	.89	.85	.77
LF347N	14	Quad JFET Wide Band Op. Amp.	.49	.47	.42
LM348N	14	Quad Op. Amp.	.27	.26	.23
LM350J	TO-3	1.2v-37v Adj. Pos. Volt. Regulator (3 Amp)	3.99	3.79	3.41
LM350T	TO-220	1.2v-37v Adj. Pos. Volt. Regulator (3 Amp)	.79	.75	.68
LF351N	8	BIFET Op. Amp.	.33	.31	.28
LF353N	8	Dual BIFET Op. Amp.	.33	.31	.28
LF353D	SO-8	Dual BIFET Op. Amp. (SMD)	.29	.28	.25
LF355N	8	Low Power JFET Op. Amp.	.79	.75	.68
LF356H	TO-5	General Purpose JFET Op. Amp.	2.99	2.84	2.56
LF356N	8	General Purpose JFET Op. Amp.	.59	.56	.50
LF357N	8	Wideband Decompensated Op. Amp.	1.99	1.89	1.70
LM358N	8	Low Power Dual Op. Amp.	.21	.20	.18
LM359N*	14	High Speed Norton Op. Amp.	2.49	2.37	2.13
LM360N	8	High Speed Differential Comparator	2.49	2.37	2.13
LM361N	14	High Speed Differential Comparator	1.49	1.42	1.28
LM370N*	14	AGC Squelch Amplifier	9.99	9.49	8.54
LM373N*	14	AM/FM/SSB Strip	4.99	4.74	4.27
LM376N	8	5v-37v Adj. Positive Voltage Regulator (25 mA)	3.99	3.79	3.41
LM377N*	14	Dual 2 Watt Power Amplifier	9.99	9.49	8.54
LM380N8	8	.6 Watt Audio Power Amplifier	.79	.75	.68
LM380N	14	2 Watt Audio Power Amplifier	.69	.66	.59
LM383T	TO-220	5-10 Watt Single Power Amplifier	4.99	4.74	4.27
LM384N	14	5 Watt Audio Amplifier	.99	.94	.85
LM385Z1.2	TO-92	Adjustable Micropower Voltage Reference (1.2v)	.39	.37	.33
LM385Z2.5	TO-92	Adjustable Micropower Voltage Reference (2.5v)	.39	.37	.33

STOCK#	PDS	DESCRIPTION	1-24	25-99	100+
LM386N-1	8	Low Power Audio Amplifier (.250w/6v)	.39	.37	.33
LM386D-1	SO-8	Low Power Audio Amplifier (.250w/6v) (SMD)	.27	.26	.23
LM386N-3	8	Low Power Audio Amplifier (.500w/9v)	.55	.52	.47
LM386N-4	8	Low Power Audio Amplifier (.700w/16v)	.79	.75	.68
LM387N	8	Low Noise Dual Pre-Amp.	7.99	7.59	6.83
LM389N*	18	Low Voltage Audio Amplifier	1.99	1.89	1.70
LM391N	16	Audio Power Driver	9.99	9.49	8.54
LM392N*	8	Op. Amp./Comparator	.79	.75	.68
LM393N	8	Dual Comparator	.19	.18	.16
LF398N	8	Sample & Hold Amplifier	.89	.85	.77
LF398D	SO-8	Sample and Hold Amplifier (SMD)	.79	.75	.68
LM399H	TO-5	Temp. Compensated Precision Reference	6.99	6.64	5.98
LF411N	8	Low Offset/Low Drift JFET Op. Amp.	.79	.75	.68
LF412N	8	Low Offset BIFET Dual Op. Amp.	.79	.75	.68
TL431N	8	Programmable Precision Reference	.24	.23	.21
LF441N*	8	Low Power JFET Op. Amp.	2.99	2.84	2.56
LF442N*	8	Low Power JFET Dual Op. Amp.	.79	.75	.68
LF444N*	14	Low Power JFET Quad Op. Amp.	.79	.75	.68
TL494N	16	Pulse Width Modulated Control Circuit	.39	.37	.33
TL495N	18	Switching Voltage Regulator	1.99	1.89	1.70
TL496N	8	Single Switching Regulator	1.99	1.89	1.70
TL497N	14	Switching Voltage Regulator	1.19	1.13	1.02
NE531N*	8	High Performance Op. Amp.	4.99	4.74	4.27
TBA540*	16	TV Circuit	1.29	1.23	1.11
NE550H*	TO-5	Precision Voltage Regulator	7.99	7.56	6.83
NE555N	8	Timer	.19	.18	.16
NE555D	SO-8	Timer (SMD)	.19	.18	.16
LM556N	14	Dual 555 Timer	.45	.43	.39
LM556D	SO-14	Dual 555 Timer (SMD)	.27	.26	.23
NE558N	16	Quad Timer	.69	.66	.59
NE564N	16	Digital Phase Locked Loop	1.49	1.42	1.28
LM565N	14	Phase Locked Loop	1.19	1.13	1.02
LM566N*	8	Function Generator	12.99	12.34	11.11
LM567N	8	Tone Encoder	.45	.43	.39
NE570N	16	Compander	4.99	4.74	4.27
NE571N	16	Compander	3.79	3.60	3.24
NE592N	14	Video Amplifier	.39	.37	.33
NE592N8*	8	Video Amplifier	.49	.47	.42
LM703N*	8	RF-IF Amplifier	7.99	7.59	6.83
LM709H*	TO-5	Operational Amplifier	7.99	7.59	6.83
LM709N*	14	Operational Amplifier	7.99	7.59	6.83
LM709N8*	8	Operational Amplifier	7.99	7.59	6.83
LM710N	14	Voltage Comparator	.99	.94	.85
LM711H*	TO-5	Dual Difference Comparator	2.99	2.84	2.56
LM711N*	14	Dual Difference Comparator	2.99	2.84	2.56
LM723H	TO-5	2v-37v Voltage Regulator	3.99	3.79	3.41
LM723N	14	2v-37v Voltage Regulator	.33	.31	.28
LM725N	8	Instrumentation Op. Amp.	1.49	1.42	1.28
LM733N	14	Video Amplifier	.89	.85	.77
LM741H	TO-5	Compensated Op. Amp.	2.49	2.37	2.13
LM741N	8	Compensated Op. Amp.	.21	.20	.18
LM741N14	14	Compensated Op. Amp.	.69	.66	.59
LM747H*	TO-5	Dual Compensated Op. Amp.	3.99	3.79	3.41
LM747N	14	Dual Compensated Op. Amp.	.69	.66	.59
LM748H	TO-5	Freq. Adjusted Compensated Op. Amp.	2.99	2.84	2.56
LM748N	8	Freq. Adjusted Compensated Op. Amp.	1.29	1.23	1.11
LM758N*	16	Stereo Decoder	2.49	2.37	2.13
LM833N	8	Dual Low Noise Op. Amp.	.39	.37	.33
LM837N	14	Low Noise Quad Op. Amp.	.99	.94	.85
UA923EC*	TO-5	Voltage Regulator	.79	.75	.68
TBA970*	16	TV Circuit	3.99	3.79	3.41
TDA1170T	12	TV Vertical Deflection System	2.99	2.84	2.56
LM1203N	28	RGB Video Amp System	4.49	4.27	3.84
LM1310N	14	Stereo Demodulator	1.99	1.89	1.70
LM1414N	14	Voltage Comparator	1.99	1.89	1.70
LM1456N*	8	High Performance Op. Amp.	.99	.94	.85
LM1458H*	TO-5	Dual Compensated Op. Amp.	1.49	1.42	1.28
LM1458N	8	Dual Compensated Op. Amp.	.27	.26	.23
LM1458D	SO-8	Dual Compensated Op. Amp. (SMD)	.19	.18	.16
LM1488N	14	Quad Line Driver	.19	.18	.16
LM1488D	SO-14	Quad Line Driver	.24	.23	.21
LM14C88N	14	Quad Line Driver (CMOS)	.49	.47	.42
LM1489N	14	Quad Line Receiver	.19	.18	.16
LM1489D	SO-14	Quad Line Receiver	.24	.23	.21
LM14C89N	14	Quad Line Receiver (CMOS)	.49	.47	.42
LM1496N	14	Balanced Modulator/Demodulator	.55	.52	.47
MC1648N	14	Voltage Controlled Oscillator	6.99	6.64	5.98
LM1850N*	14	Ground Fault Interrupter	.39	.37	.33
LM1871N	18	Radio Control Encoder/Transmitter	5.99	5.69	5.12
LM1872N	18	Radio Control Receiver/Decoder	5.99	5.69	5.12
LM1875T	TO-220	Power Audio Amplifier (20w)	2.19	2.08	1.87
LM1877N	14	Dual Power Audio Amplifier	1.09	1.04	.94
LM1881N	8	Video Sync Separator	1.99	1.89	1.70
LM1889N*	18	Video Modulator	1.99	1.89	1.70
LM1896N*	14	Low Voltage Dual Audio Amplifier	2.99	2.84	2.56

\*DISCONTINUED - STOCK CONDITIONS MAY VARY

# U N I C O R N E L E C T R O N I C S

## LINEAR (continued) Dual In-Line Pkg.

STOCK#	PINS	DESCRIPTION	1-24	25-99	100+
LM1897N*	16	Dual Pre-Amplifier	2.99	2.84	2.56
ULN2001N	16	High Voltage/Current Darlington Transistor Array	.39	.37	.33
LM2002T	TO-220	Audio Power Amplifier (8w)	2.99	2.84	2.56
ULN2003N	16	High Voltage Darlington Transistor Array	.24	.23	.21
ULN2004N	16	High Voltage/Current Darlington Transistor Array	.33	.31	.28
LM2575T	TO-220	Step-Down Voltage Regulator (1 Amp)	2.99	2.84	2.56
UDN2580N*	16	Relay Driver	4.99	4.74	4.27
ULN2803N	18	High Voltage/Current Darlington Transistor Array	.45	.43	.39
LM2900N*	14	Quad Op. Amp.	.20	.19	.17
LM2901N	14	Low Power Quad Comparator	.19	.18	.16
LM2902N	14	Low Power Quad Comparator	.19	.18	.16
LM2903N	8	Dual Comparator	.19	.18	.16
LM2904N	8	Dual Op. Amp.	.19	.18	.16
LM2907N	14	Frequency to Voltage Converter	1.19	1.13	1.02
LM2907N8	8	Frequency to Voltage Converter	1.19	1.13	1.02
LM2917N	8	Frequency to Voltage Converter	1.39	1.32	1.19
LM2917N14	14	Frequency to Voltage Converter	1.39	1.32	1.19
LM2931T	TO-220	Adjustable Low Drop-out Voltage Regulator	.69	.66	.59
LM2936Z	TO-92	Ultra-Low Quiescent Current 5 V Regulator	1.59	1.51	1.36
LM2940T	TO-220	Low Drop-out 5 V Regulator (1 Amp)	.89	.85	.77
LM2941T	TO-220	Adjustable Low Drop-out Voltage Regulator	.89	.85	.77
LM3302N	14	Low Power Quad Comparator	.33	.31	.28
PCD3311N	14	Dual Touch Tone Generator	2.99	2.84	2.56
MC3484V4	TO-220	Solenoid Driver (4 Amp)	4.99	4.74	4.27
LM3524N	16	Switching Voltage Regulator	1.19	1.13	1.02
LM3578N*	8	Switching Regulator	1.49	1.42	1.28
LM3900N	14	Quad Amplifier	.59	.56	.50
LM3909N	8	LED Flasher	3.49	3.32	2.99
LM3911N*	8	Temperature Transducer	9.99	9.49	8.54
LM3914N	18	Bar Graph Display Driver	1.69	1.61	1.45
LM3915N	18	Bar Graph Display Driver	1.69	1.61	1.45
LM3916N	18	VU Meter Display Driver	1.69	1.61	1.45
MC4024N	14	Dual Voltage Control Multivibrator	2.99	2.84	2.56
MC4044N	14	Frequency Phase Detector	5.99	5.69	5.12
RC4136N	8	Quad Op. Amp.	.59	.56	.50
RC4151N	8	Voltage to Frequency Converter	1.29	1.23	1.11
LM4250N	8	Programmable Op. Amp.	.49	.47	.42
RC4558N	8	Dual Wideband Op. Amp.	.24	.23	.21
NE5532N	8	Low Noise Dual Op. Amp.	.45	.43	.39
NE5532D	SO-16	Low Noise Dual Op. Amp.	.45	.43	.39
NE5534N	8	Low Noise Op. Amp.	.59	.56	.50
UDN6164N*	16	6 Digit Gas Discharge Display Driver	3.99	3.79	3.41
UDN6184N*	16	8 Digit Gas Discharge Display Driver	3.99	3.79	3.41
TL7702N	8	Supply Voltage Supervisor (-.3 to 6 V)	.99	.94	.85
TL7705N	8	Supply Voltage Supervisor (-.3 to 10 V)	.69	.66	.59
LM13201N	16	Quad JFET Analog Switch	2.99	2.84	2.56
LF13508N*	16	8 Channel Analog Multiplexer	5.99	5.69	5.12
LM13600N	16	Dual Transconductance Amplifier	2.49	2.37	2.13
LM13700N*	16	Dual Transconductance Amplifier	1.19	1.13	1.02

## 6500/6800 Dual In-Line Package

STOCK#	PINS	DESCRIPTION	1-24	25-99	100+
6502	40	MPU with Clock (1 Mhz)	5.99	5.69	5.12
6502A	40	MPU with Clock (2 Mhz)	7.99	7.59	6.83
6502B*	40	MPU with Clock (3 Mhz)	9.99	9.49	8.54
65C02	40	MPU with Clock (CMOS)	5.99	5.69	5.12
6507*	28	Microprocessor with Clock	5.99	5.69	5.12
6520A	40	Peripheral Interface Adapter	5.99	5.69	5.12
6522	40	Versatile Interface Adapter (1 Mhz)	4.99	4.74	4.27
6522A	40	Versatile Interface Adapter (2 Mhz)	5.99	5.69	5.12
65C22	40	Versatile Interface Adapter (CMOS)	7.99	7.59	6.83
6532	40	RAM, I/O, Timer Array (1 Mhz)	6.99	6.64	5.98
6545	40	CRT Controller (1 Mhz)	3.99	3.79	3.41
6545A	40	CRT Controller (2 Mhz)	5.99	5.69	5.12
6551	28	Asynch. Communication Adapter (1 Mhz)	3.49	3.32	2.99
6551A	28	Asynch. Communication Adapter (2 Mhz)	5.49	5.22	4.70
6800	40	MPU with Clock (1 Mhz)	4.99	4.74	4.27
68B00	40	MPU with Clock (2 Mhz)	6.49	6.17	5.55
6802	40	8 Bit MPU with RAM and Clock (1 Mhz)	7.99	7.59	6.83
68B02	40	8 Bit MPU with RAM and Clock (2 Mhz)	10.99	10.44	9.40
6803	40	Microcomputer with RAM, Clock, Timer, I/O	5.99	5.69	5.12
6808*	40	MPU with Clock	7.99	7.59	6.83
6809*	40	8 Bit CPU with Oscillator (1 Mhz)	4.49	4.27	3.84
6809E	40	8 Bit CPU (External Clocking-1 Mhz)	3.49	3.32	2.99
68B09E*	40	8 Bit CPU (External Clocking-2 Mhz)	4.49	4.27	3.84
6810	24	128 x 8 Static RAM (1 Mhz)	2.79	2.65	2.39
68B10	24	128 x 8 Static RAM (2 Mhz)	3.99	3.79	3.41
6821	40	Peripheral Interface Adapter (1 Mhz)	3.49	3.32	2.99
68B21	40	Peripheral Interface Adapter (2 Mhz)	4.49	4.27	3.84
6840	28	Programmable Timer (1 Mhz)	2.79	2.65	2.39
68B40	28	Programmable Timer (2 Mhz)	3.99	3.79	3.41
6844*	40	DMA Controller	3.99	3.79	3.41
6845	40	CRT Controller (CRTC-1 Mhz)	2.99	2.84	2.56

STOCK#	PINS	DESCRIPTION	1-24	25-99	100+
68B45	40	CRT Controller (CRTC-2 Mhz)	7.99	7.59	6.83
6850	24	Asynchronous Interface Adapter (1 Mhz)	2.79	2.65	2.39
68B50	24	Asynchronous Interface Adapter (2 Mhz)	3.79	3.60	3.24
6852*	24	Synchronous Serial Data Adapter	2.49	2.37	2.13
6854*	28	Advanced Data Link Controller	3.99	3.79	3.41
6860*	24	0-600 bps Digital Modem	4.99	4.74	4.27
6875*	16	Clock Generator	6.99	6.64	5.98

## 68000 Dual In-Line Package

STOCK#	PINS	DESCRIPTION	1-24	25-99	100+
68000L8	64	16 Bit MPU (8 Mhz)	7.99	7.59	6.83
68000L10	64	16 Bit MPU (10 Mhz)	10.99	10.44	9.40
68000L12	64	16 Bit MPU (12 Mhz)	12.99	12.34	11.11
68000L16	64	16 Bit MPU (16 Mhz)	16.99	16.14	14.53
68010L8*	64	16 Bit MPU (Virtual Memory-8 Mhz)	9.99	9.49	8.54
68661	28	Enhanced Programmable Comm. Interface	5.99	5.69	5.12
68701	40	8 Bit MPU with EPROM, 128 Bytes RAM, I/O	13.99	13.29	11.96
68705P3S	28	8 Bit MPU with EPROM, 112 Bytes RAM, I/O	22.99	21.84	19.66
68705U3S	40	8 Bit MPU with EPROM, 128 Bytes RAM, I/O	22.99	21.84	19.66
68764*	24	8192 x 8 EPROM (25v Programming)	15.99	15.19	13.67
68766*	24	8192 x 8 EPROM (25v Programming)	7.99	7.59	6.83
68HC11A1P	48	8 Bit Microcontroller with A/D Converter	17.99	17.09	15.38
68HC705C8P	40	8 Bit MPU with 8K of ROM, 24 I/O Lines	6.99	6.64	5.98

## GENERATORS Dual In-Line Package

STOCK#	PINS	DESCRIPTION	1-24	25-99	100+
BR1941*	18	Dual Baud Rate Generator	1.99	1.89	1.70
2143*	18	Four Phase Clock Generator	2.99	2.84	2.56
XR2206	16	Monolithic Function Generator	3.29	3.13	2.82
COM5016*	18	Baud Rate Generator	6.99	6.64	5.98
MM5321*	16	TV Camera Sync. Generator	3.99	3.79	3.41
MM5837*	8	Noise Generator	9.99	9.49	8.54
8038CCPD	14	Precision Wave Form Generator	3.49	3.32	2.99
8116	18	Dual Baud Rate Clock Generator	7.99	7.59	6.83
8224	16	Clock Generator/Driver	2.49	2.37	2.13
MC14411	24	Bit Rate Frequency Generator	4.99	4.74	4.27
76477*	28	Complex Sound Generator	19.99	18.99	17.09
76489*	16	Sound Generator Controller	9.99	9.49	8.54
AY3-8910	40	Programmable Sound Generator with I/O	7.99	7.59	6.83
AY3-8912	28	Programmable Sound Generator with I/O	8.99	8.54	7.69
AY3-8913	24	Programmable Sound Generator	8.99	8.54	7.69

## Z 8 0 Dual In-Line Package

STOCK#	PINS	DESCRIPTION	1-24	25-99	100+
Z80CPU*	40	CPU (2 Mhz)	1.19	1.13	1.02
Z80CTC*	28	Counter Timer Circuit	1.49	1.42	1.28
Z80DART*	40	Dual Asynchronous Receiver/Transmitter	2.79	2.65	2.39
Z80DMA*	40	Direct Memory Access Circuit	3.49	3.32	2.99
Z80PIO*	40	Parallel I/O Interface Controller	1.19	1.13	1.02
Z80SIO/0*	40	Serial I/O Controller	1.79	1.70	1.53
Z80SIO/1*	40	Serial I/O Controller	1.99	1.89	1.70
Z80SIO/2*	40	Serial I/O Controller	2.49	2.37	2.13
Z80ACPU	40	CPU ( 4 Mhz)	1.79	1.70	1.53
Z80ACTC	28	Counter Timer Circuit	1.79	1.70	1.53
Z80ADART	40	Dual Asynchronous Receiver/Transmitter	2.79	2.65	2.39
Z80ADMA	40	Direct Memory Access Circuit	3.49	3.32	2.99
Z80APIO	40	Parallel I/O Interface Controller	1.59	1.51	1.36
Z80ASIO/0	40	Serial I/O Controller	1.79	1.70	1.53
Z80ASIO/2	40	Serial I/O Controller	2.79	2.65	2.39
Z80ASIO/9	40	Serial I/O Controller	2.99	2.84	2.56
Z80BCPU	40	CPU ( 6 Mhz)	1.99	1.89	1.70
Z80BCTC	28	Counter Timer Circuit	1.99	1.89	1.70
Z80BDART	40	Dual Asynchronous Receiver/Transmitter	2.99	2.84	2.56
Z80BPPIO	40	Parallel I/O Interface Controller	2.49	2.37	2.13
Z84C00	40	CPU (4 Mhz)	2.99	2.84	2.56
Z8530	40	Serial Communications Controller	1.99	1.89	1.70

## MISCELLANEOUS I.C.'S

STOCK#	PINS	DESCRIPTION	1-24	25-99	100+
2901	40	CPU ( 4 Bit Slice)	7.99	7.59	6.83
2911	20	CPU ( 4 Bit Slice)	6.49	6.17	5.55
2912	16	PCM Transmit/Receive Filter	3.99	3.79	3.41
2917	16	Bus Transceiver	4.99	4.74	4.27
2964	40	Dynamic Memory Controller	14.99	14.24	12.82
3341	16	64 Word x 4 Bit FIFO Serial Memory	7.99	7.59	6.83
3357-2*	16	4 Register x 80 Bit Static Shift Register	2.99	2.84	2.56
TMS9928*	40	Video Display Processor (RGB Output)	29.99	28.49	25.64
29520	S-24	Multilevel Pipeline Register	3.99	3.79	3.41
29705	28	16 Word x 4 Bit 2 Port RAM	7.99	7.59	6.83
32R521	PLCC/28	Hard Disk Drive Read/Write Amplifier	3.99	3.79	3.41

\*DISCONTINUED - STOCK CONDITIONS MAY VARY

# UNICORN ELECTRONICS

8000/80000

Dual In-Line Package

STOCK#	PINS	DESCRIPTION	1-24	25-99	100+
8031	40	CPU with 128 x 8 RAM and I/O	2.79	2.65	2.39
8031D*	PLCC	CPU with 128 x 8 RAM and I/O (SMD)	2.79	2.65	2.39
80C31	40	CPU with 128 x 8 RAM and I/O (CMOS)	2.79	2.65	2.39
80C31D	PLCC	CPU with 128 x 8 RAM and I/O (CMOS)	2.79	2.65	2.39
8032	40	8 Bit MPU with 256 x 8 RAM	3.49	3.32	2.99
80C32	40	8 Bit MPU with 256 x 8 RAM (CMOS)	3.49	3.32	2.99
8035	40	8 Bit MPU	3.49	3.32	2.99
80C35	40	8 Bit MPU (CMOS)	3.99	3.79	3.41
8039	40	8 Bit CPU with 128 Bytes RAM	3.49	3.32	2.99
80C39	40	8 Bit CPU with 128 Bytes RAM (CMOS)	3.49	3.32	2.99
8040*	40	8 Bit CPU with 256 Bytes RAM	5.49	5.22	4.70
8041A	40	8 Bit CPU with 64 Bytes RAM, Timer/Counter & I/O	.99	.94	.85
8048	40	8 Bit MPU with ROM/RAM	1.79	1.70	1.53
8049	40	8 Bit CPU with ROM/RAM	1.79	1.70	1.53
8050*	40	8 Bit CPU with ROM/RAM	5.49	5.22	4.70
8051	40	8 Bit MCU with ROM/RAM	3.49	3.32	2.99
80C51D	PLCC	8 Bit MPU with ROM/RAM (SMD)	4.99	4.74	4.27
8052	40	8 Bit CPU with ROM/RAM	6.99	6.64	5.98
8052BASIC	40	8 Bit CPU with ROM/RAM/Basic Interpreter	27.99	26.59	23.93
8060*	40	8 Bit CPU (NMOS)	5.99	5.69	5.12
8073*	40	CPU	9.99	9.49	8.54
8080A	40	CPU	3.99	3.79	3.41
8085A	40	8 Bit CPU (N Channel-3 Mhz)	3.99	3.79	3.41
8085A-2	40	8 Bit CPU (N Channel-5 Mhz)	4.99	4.74	4.27
80C85	40	8 Bit CPU (N Channel-CMOS)	5.99	5.69	5.12
8086	40	16 Bit CPU (5 Mhz)	1.49	1.42	1.28
8086-2	40	16 Bit CPU (8 Mhz)	1.79	1.70	1.53
8088	40	16 Bit CPU (8 Bit Data Bus-5 Mhz)	2.49	2.37	2.13
8088-2	40	16 Bit CPU (8 Bit Data Bus-8 Mhz)	4.99	4.74	4.27
8088-1	40	16 Bit CPU (8 Bit Data Bus-10 Mhz)	5.99	5.69	5.12
80C88-2	40	16 Bit CPU (8 Bit Data Bus-CMOS-8 Mhz)	14.99	14.24	12.82
8089*	40	I/O Processor	9.99	9.49	8.54
8155	40	RAM, I/O, Timer (HMOS-3 Mhz)	3.49	3.32	2.99
8155-2	40	RAM, I/O, Timer (HMOS-5 Mhz)	4.99	4.74	4.27
81C55	40	RAM, I/O, Timer (CMOS-3 Mhz)	3.49	3.32	2.99
8156	40	RAM, I/O, Timer	8.99	8.54	7.69
8185*	18	1024 x 8 Static RAM	12.49	11.87	10.68
8202*	40	Dynamic RAM Controller	9.99	9.49	8.54
8203*	40	Dynamic RAM Controller	12.49	11.87	10.68
8205*	16	High Speed 1 Out of 8 Binary Decoder	9.99	9.49	8.54
8212	24	8 Bit I/O	4.99	4.74	4.27
8216	16	Bi-Directional Bus Driver	2.99	2.84	2.56
8224	16	Clock Generator/Driver	2.49	2.37	2.13
8226	16	Bus Driver	2.99	2.84	2.56
8228	28	Bus Driver/System Controller	2.99	2.84	2.56
8237*	40	Programmable DMA Controller (3 Mhz)	1.99	1.89	1.70
8237-5	40	Programmable DMA Controller (5 Mhz)	2.99	2.84	2.56
82C37-5*	40	Programmable DMA Controller (5 Mhz-CMOS)	4.99	4.74	4.27
82C37-5D	SO-40	Prog. DMA Controller (CMOS-5 Mhz) (SMD)	4.99	4.74	4.27
8238*	28	System Controller & Bus Driver	9.99	9.49	8.54
8243	24	I/O Expander	4.29	4.08	3.67
82C43	24	I/O Expander (CMOS)	5.99	5.69	5.12
8250	40	Asynchronous Communication Element	2.99	2.84	2.56
8250B	40	Asynch. Comm. Element (PC/XT Software Comp.)	3.49	3.32	2.99
82C50*	40	Asynchronous Communication Element (CMOS)	4.99	4.74	4.27
8251	28	Programmable Communication I/O	2.49	2.37	2.13
82C51	28	Programmable Communication I/O (CMOS)	3.49	3.32	2.99
8253	24	Programmable Interval Timer (3 Mhz)	2.79	2.65	2.39
8253-5	24	Programmable Interval Timer (5 Mhz)	4.49	4.27	3.84
82C53-5	24	Programmable Interval Timer (CMOS) (5 Mh)	4.49	4.27	3.84
8254	24	Programmable Interval Timer	3.99	3.79	3.41
8254-2	24	Programmable Interval Timer (10 Mhz)	5.49	5.22	4.70
82C54	24	Programmable Interval Timer (CMOS)	2.99	2.84	2.56
82C54D	SO-24	Programmable Interval Timer (CMOS) (SMD)	2.99	2.84	2.56
82C54-2	24	Programmable Interval Timer (CMOS- 10 Mhz)	3.99	3.79	3.41
8255	40	Programmable Peripheral I/O	3.49	3.32	2.99
8255A-5	40	Programmable Peripheral I/O	3.99	3.79	3.41
82C55	40	Programmable Peripheral I/O (CMOS)	3.99	3.79	3.41
82C55A-5	40	Programmable Peripheral I/O (CMOS)	3.99	3.79	3.41
82C55-5D	SO-40	Prog. Peripheral I/O (CMOS- 5 Mhz) (SMD)	2.99	2.84	2.56
8256*	40	Multifunctional UART	17.99	17.09	15.38
8257*	40	Programmable DMA Controller	1.49	1.42	1.28
8257-5	40	Programmable DMA Controller	1.99	1.89	1.70
8259	28	Programmable Interrupt Controller	1.49	1.42	1.28
8259-5	28	Programmable Interrupt Controller	1.99	1.89	1.70
82C59D	SO-28	Programmable Interrupt Controller (CMOS) (SMD)	2.99	2.84	2.56
82C59-5	28	Programmable Interrupt Controller (CMOS)	3.99	3.79	3.41
82C59A-2D	SO-28	Programmable Interrupt Controller (CMOS)	3.99	3.79	3.41
8272	40	Floppy Disk Controller	1.99	1.89	1.70
8274	40	Multi-Protocol Serial Controller	12.99	12.34	11.11
8275	40	Programmable CRT Controller	7.99	7.59	6.83
8279	40	Programmable Keyboard/Display Interface	10.99	10.44	9.40
8279-5	40	Programmable Keyboard/Display Interface	11.99	11.39	10.25
8282	20	Octal Latch	3.99	3.79	3.41
8283*	20	Octal Inverting Latch	3.99	3.79	3.41
8284	18	Clock Generator/Driver	3.99	3.79	3.41

STOCK#	PINS	DESCRIPTION	1-24	25-99	100+
82C84	18	Clock Generator/Driver	4.99	4.74	4.27
8286	20	Octal Bus Transceiver	3.49	3.32	2.99
8287	20	Octal Inverting Bus Transceiver	8.99	8.54	7.69
8288	20	Bus Controller	1.39	1.32	1.19
82C88	20	Bus Controller (CMOS)	2.49	2.37	2.13
8303*	20	8 Bit Bi-Directional Transceiver (Tri-State Output)	2.49	2.37	2.13
8304*	20	8 Bit Bi-Directional Receiver	2.49	2.37	2.13
8307*	20	8 Bit Bi-Directional Receiver	2.49	2.37	2.13
8308*	20	8 Bit Bi-Directional Receiver	2.49	2.37	2.13
8311*	20	Octal Latched Peripheral Driver	8.99	8.54	7.69
8564*	48	Video Interface Chip	1.99	1.89	1.70
8741	40	8 Bit Universal Peripheral Interface	5.99	5.69	5.12
8742	40	Universal Peripheral Interface	6.99	6.64	5.98
8748	40	8 Bit MPU with EPROM, RAM ,I/O (21 v Prog.)	11.99	11.39	10.25
8748H	40	8 Bit MPU with EPROM, RAM ,I/O (HMOS-21 v )	14.99	14.24	12.82
8749	40	8 Bit MPU with EPROM (21 v Prog.)	17.99	17.09	15.38
8751	40	CPU with EPROM, RAM	14.99	13.29	11.96
87C51	40	CPU with EPROM, RAM (CMOS)	17.99	17.09	15.38
8755	40	16K EPROM with I/O	7.99	7.59	6.83
80186*	LCC	16 Bit MPU (High Integration)	7.99	7.59	6.83
N80286-8*	PLCC	16 Bit High Performance CPU (8 Mhz)	4.99	4.74	4.27
80286-8*	LCC	16 Bit High Performance CPU (8 Mhz)	7.99	7.59	6.83
80286-10*	LCC	16 Bit High Performance CPU (10 Mhz)	8.99	8.54	7.69
80L286-12	PLCC	16 Bit High Performance CPU (Low Power-12 Mhz)	9.99	9.49	8.54
82284*	18	Clock Generator and Ready Interface (8 Mhz)	7.99	7.59	6.83
82C284*	18	Clock Gen. and Ready Interface (CMOS- 8 Mhz)	7.99	7.59	6.83
82C284-10*	18	Clock Gen. and Ready Interface (CMOS-10 Mhz)	19.99	18.99	17.09
82288*	20	Bus Controller (8 Mhz)	7.99	7.59	6.83
82288-10*	20	Bus Controller (10 Mhz)	9.99	9.49	8.54
82C288*	20	Bus Controller (CMOS-8 Mhz)	7.99	7.59	6.83
82C288-10*	20	Bus Controller (CMOS-10 Mhz)	19.99	18.99	17.09
82530*	40	Serial Comm. Controller (4 Mhz)	7.99	7.59	6.83
82586*	48	Ethernet LAN Co-Processor (8 Mhz)	17.99	17.09	15.38
82706*	PGA	VGA Controller	19.99	18.99	17.09

## STATIC RAMS Dual In-Line Package

STOCK#	PINS	DESCRIPTION	SPEED	1-24	25-99	100+
2018	S-24	2,048 X 8	35ns	2.49	2.37	2.13
2101	22	256 x 4	450ns	1.49	1.42	1.28
2102	16	1,024 x 1	450ns	1.49	1.42	1.28
2102L-2	16	1,024 x 1	250ns (Low Power)	1.99	1.89	1.70
2114-2	18	1,024 x 1	200ns	1.99	1.89	1.70
2114	18	1,024 x 1	450ns	1.79	1.70	1.53
2114L-2	18	1,024 x 1	200ns(Low Power)	2.19	2.08	1.87
2114L	18	1,024 x 1	450ns (Low Power)	1.89	1.80	1.62
2115-2*	16	1,024 x 1	70ns	3.29	3.13	2.82
2125-2*	16	1,024 x 1	70ns	7.99	7.59	6.83
2147-3	18	4,096 x 1	55ns	4.99	4.74	4.27
2147	18	4,096 x 1	70ns	3.99	3.79	3.41
2148-3	18	1,024 x 4	55ns	4.99	4.74	4.27
2149*	18	1,024 x 4	70ns	3.99	3.79	3.41
2167-55	20	16,384 x 1	55ns	2.49	2.37	2.13
2167	20	16,384 x 1	70ns	1.99	1.89	1.70
21C67-45	20	16,384 x 1	45ns (CMOS)	2.79	2.65	2.39
21C67-55	20	16,384 x 1	55ns (CMOS)	2.39	2.27	2.04
2168	20	4,096 x 4	70ns	1.99	1.89	1.70
21C68-45	20	4,096 x 4	45ns (CMOS)	2.99	2.84	2.56
5101	22	256 x 4	450ns	6.99	6.64	5.98
6116-1	24	2,048 x 8	100ns (CMOS)	1.49	1.42	1.28
6116-2	24	2,048 x 8	120ns (CMOS)	1.39	1.32	1.19
6116-3	24	2,048 x 8	150ns (CMOS)	1.29	1.23	1.11
6116L-1	24	2,048 x 8	100ns (Low Power-CMOS)	1.89	1.80	1.62
6116L-2	24	2,048 x 8	120ns (Low Power-CMOS)	1.79	1.70	1.53
6116L-3	24	2,048 x 8	150ns (Low Power-CMOS)	1.69	1.61	1.45
6116L-4*	24	2,048 x 8	200ns (Low Power-CMOS)	1.59	1.51	1.36
6264-10	28	8,192 x 8	100ns (CMOS)	1.99	1.89	1.70
6264-12	28	8,192 x 8	120ns (CMOS)	1.89	1.80	1.62
6264LP-70	28	8,192 x 8	70ns (Low Power-CMOS)	2.49	2.37	2.13
6264LP-10	28	8,192 x 8	100ns (Low Power-CMOS)	2.39	2.27	2.04
6264LP-12	28	8,192 x 8	120ns (Low Power-CMOS)	2.29	2.18	1.96
7C164-15	22	16,384 x 4	15ns (CMOS)	3.99	3.79	3.41
7C199-12	S-28	32,768 x 8	12ns (CMOS)	3.79	3.60	3.24
6514	18	1,024 x 4	350ns (CMOS)	3.49	3.32	2.99
62256LP-70	28	32,768 x 8	70ns (Low Power-CMOS)	3.79	3.60	3.24
62256LP-10	28	32,768 x 8	100ns (Low Power-CMOS)	2.99	2.84	2.56
62256LP-12	28	32,768 x 8	120ns (Low Power-CMOS)	2.79	2.65	2.39
551001-85	32	131,072 x 8	85ns	7.99	7.59	6.83
7489	16	16 x 4	50ns	2.49	2.37	2.13
74189*	16	16 x 4	35ns	2.49	2.37	2.13
74C89	16	16 x 4	50ns (CMOS)	3.99	3.79	3.41
74C920*	22	256 x 4	250ns (CMOS)	9.99	9.49	8.54
74C921*	18	256 x 4	250ns (CMOS)	5.99	5.69	5.12
74C930*	16	1,024 x 4	250ns (CMOS)	5.99	5.69	5.12
74LS189	16	16 x 4	35ns	3.29	3.13	2.82
74LS289*	16	16 x 4	35ns	2.99	2.84	2.56
74S189	16	16 x 4	35ns	2.99	2.84	2.56

\*DISCONTINUED - STOCK CONDITIONS MAY VARY

# U N I C O R N E L E C T R O N I C S

## DYNAMIC RAMS Dual In-Line Package

STOCK#	PINS	DESCRIPTION	SPEED	1-24	25-99	100+
MK4027*	16	4,096 x 1	250ns	.69	.66	.59
4116-120	16	16,384 x 1	120ns	1.09	1.04	.94
4116-150	16	16,384 x 1	150ns	.69	.66	.59
4116-200*	16	16,384 x 1	200ns	.59	.56	.50
4164-100	16	65,536 x 1	100ns	1.19	1.13	1.02
4164-120	16	65,536 x 1	120ns	.99	.94	.85
4164-150	16	65,536 x 1	150ns	.49	.47	.42
4416-120*	18	16,384 x 4	120ns	.99	.94	.85
4416-150*	18	16,384 x 4	150ns	.79	.75	.68
4416-15D*	SO-18	16,384 x 4	150 ns	.79	.75	.68
41256-60	16	262,144 x 1	60ns	1.79	1.70	1.53
41256-80	16	262,144 x 1	80ns	1.59	1.51	1.36
41256-100	16	262,144 x 1	100ns	.99	.94	.85
41256-120	16	262,144 x 1	120ns	.59	.56	.50
41256-150	16	262,144 x 1	150ns	.49	.47	.42
4464-100	18	65,536 x 4	100ns	1.49	1.42	1.28
4464-120	18	65,536 x 4	120ns	1.29	1.23	1.11
511000-70	18	1,048,576 x 1	70ns	2.29	2.18	1.96
511000-80	18	1,048,576 x 1	80ns	2.19	2.08	1.87
511000-100	18	1,048,576 x 1	100ns	1.99	1.89	1.70
514256-70	20	262,144 x 4	70ns	2.49	2.37	2.13
514256-80	20	262,144 x 4	80ns	2.19	2.08	1.87

## EPROMS Dual In-Line Package

STOCK#	PINS	DESCRIPTION	SPEED	1-24	25-99	100+
1702*	24	256 x 4	1us	4.99	4.74	4.27
2708*	24	1,024 x 8	450ns (+5v, -5v, +12v)	3.99	3.79	3.41
2716-1	24	2,048 x 8	350ns (25v)	5.99	5.69	5.12
2716	24	2,048 x 8	450ns (25v)	3.49	3.32	2.99
TMS2716*	24	2,048 x 8	450ns (+5v, -5v, +12v)	1.99	1.89	1.70
27C16	24	2,048 x 8	450ns (25v-CMOS)	5.49	5.22	4.70
2732	24	4,096 x 8	450ns (25v)	4.99	4.74	4.27
2732A-2	24	4,096 x 8	200ns (21v)	5.99	5.69	5.12
2732A	24	4,096 x 8	250ns (21v)	4.49	4.27	3.84
2732A-4	24	4,096 x 8	450ns (21v)	3.49	3.32	2.99
27C32	24	4,096 x 8	450ns (25v-CMOS)	4.99	4.74	4.27
TMS2532A	24	4,096 x 8	450ns (21v)	3.49	3.32	2.99
TMS2532*	24	4,096 x 8	450ns (25v)	3.99	3.79	3.41
2764-20	28	8,192 x 8	200ns (21v)	4.79	4.55	4.10
2764	28	8,192 x 8	250ns (21v)	3.99	3.79	3.41
2764A-20	28	8,192 x 8	200ns (12.5v)	3.49	3.32	2.99
2764A	28	8,192 x 8	250ns (12.5v)	2.99	2.84	2.56
27C64-12	28	8,192 x 8	120ns (12.5v-CMOS)	2.99	2.84	2.56
27C64-15	28	8,192 x 8	150ns (12.5v-CMOS)	2.89	2.75	2.48
27C64-20	28	8,192 x 8	200ns (12.5v-CMOS)	2.79	2.65	2.39
27C64	28	8,192 x 8	250ns (12.5v-CMOS)	2.69	2.56	2.30
27C64D*	PLCC/28	8192 x 8 EPROM (CMOS-250 ns) (SMD)		1.79	1.70	1.53
TMS2564*	28	8,192 x 8	450ns (25v)	4.99	4.74	4.27
27128	28	16,384 x 8	250ns (21v)	3.99	3.79	3.41
27128A-15	28	16,384 x 8	150ns (12.5v)	3.79	3.60	3.24
27128A-20	28	16,384 x 8	200ns (12.5v)	3.79	3.60	3.24
27128A	28	16,384 x 8	250ns (12.5v)	3.49	3.32	2.99
27128AP	28	16,384 x 8	250ns (One Time Prog.)	2.49	2.37	2.13
27C128-12	28	16,384 x 8	120ns (12.5v-CMOS)	3.79	3.60	3.24
27C128-15	28	16,384 x 8	150ns (12.5v-CMOS)	3.79	3.60	3.24
27C128	28	16,384 x 8	250ns (12.5v-CMOS)	3.49	3.32	2.99
27256-15	28	32,768 x 8	150ns (12.5v)	2.99	2.84	2.56
27256-20	28	32,768 x 8	200ns (12.5v)	2.99	2.84	2.56
27256	28	32,768 x 8	250ns (12.5v)	2.79	2.65	2.39
27256P	28	32,768 x 8	250ns (One Time Prog.)	1.99	1.89	1.70
27C256-70	28	32,768 x 8	70ns (12.5v-CMOS)	2.99	2.84	2.56
27C256-10	28	32,768 x 8	100ns (12.5v-CMOS)	2.79	2.65	2.39
27C256-12	28	32,768 x 8	120ns (12.5v-CMOS)	1.99	1.89	1.70
27C256-15	28	32,768 x 8	150ns (12.5v-CMOS)	1.79	1.70	1.53
27C256-20	28	32,768 x 8	200ns (12.5v-CMOS)	1.79	1.70	1.53
27C256	28	32,768 x 8	250ns (12.5v-CMOS)	1.79	1.70	1.53
27512-20	28	65,536 x 8	200ns (12.5v)	2.39	2.27	2.04
27512	28	65,536 x 8	250ns (12.5v)	2.39	2.27	2.04
27512P	28	65,536 x 8	250ns (One Time Prog.)	1.99	1.89	1.70
27C512-10	28	65,536 x 8	100ns (12.5v-CMOS)	2.79	2.65	2.39
27C512-12	28	65,536 x 8	120ns (12.5v-CMOS)	1.99	1.89	1.70
27C512-15	28	65,536 x 8	150ns (12.5v-CMOS)	1.99	1.89	1.70
27C512-20	28	65,536 x 8	200ns (12.5v-CMOS)	1.99	1.89	1.70
27C512	28	65,536 x 8	250ns (12.5v-CMOS)	1.89	1.80	1.62
27C010-45	32	131,072 x 8	45ns (12.5v-CMOS)	2.79	2.65	2.39
27C010-80	32	131,072 x 8	80ns (12.5v-CMOS)	2.79	2.65	2.39
27C010-10	32	131,072 x 8	100ns (12.5v-CMOS)	1.99	1.89	1.70
27C010-12	32	131,072 x 8	120ns (12.5v-CMOS)	1.99	1.89	1.70
27C010-15	32	131,072 x 8	150ns (12.5v-CMOS)	1.89	1.80	1.62
27C010	32	131,072 x 8	200ns (12.5v-CMOS)	1.79	1.70	1.53
27C020-12	32	262,144 x 8	120ns (12.5v-CMOS)	2.99	2.84	2.56
27C020-15	32	262,144 x 8	150ns (12.5v-CMOS)	2.99	2.84	2.56
27C020	32	262,144 x 8	200ns (12.5v-CMOS)	2.79	2.65	2.39

STOCK#	PINS	DESCRIPTION	SPEED	1-24	25-99	100+
27C040-10	32	524,288 x 8	100ns (12.5v-CMOS)	4.29	4.08	3.67
27C040-12	32	524,288 x 8	120ns (12.5v-CMOS)	4.29	4.08	3.67
27C040-15	32	524,288 x 8	150ns (12.5v-CMOS)	3.99	3.79	3.41
27C080-12	32	1,048,576 x 8	120ns (12.5v-CMOS)	8.99	8.54	7.69
68764	24	8192 x 8	450ns (25v)	15.99	15.19	13.67
68766	24	8192 x 8	450ns (25v)	7.99	7.59	6.83

## EEPROMS Dual In-Line Package

STOCK#	PINS	DESCRIPTION	SPEED	1-24	25-99	100+
24C02	8	256 X 8	2048 Bit Serial (CMOS)	.39	.37	.33
24C04	8	512 X 8	4096 Bit Serial (CMOS)	.59	.56	.50
93C46	8	64 X 16	1024 Bit Serial (5v)	.27	.26	.23
2816	24	2048 X 8	250ns (5v)	3.29	3.13	2.82
28C16	24	2048 X 8	250ns (5v - CMOS)	3.29	3.13	2.82
2864	28	8192 X 8	250ns (5v)	3.79	3.60	3.24
28C64	28	8192 X 8	250ns (5v - CMOS)	3.79	3.60	3.24
28C256-15	28	32,768 X 8	150ns (5v - CMOS)	6.99	6.64	5.98
28C256	28	32,768 X 8	250ns (5v - CMOS)	6.79	6.45	5.81

## FLASH MEMORY Dual In-Line Package

STOCK#	PINS	DESCRIPTION	SPEED	1-24	25-99	100+
28F256	32	32,768 x 8	200ns (12v)	4.99	4.74	4.27
28F512*	32	65,536 x 8	200ns (12v)	5.99	5.69	5.12
28F010-15	32	131,072 x 8	150ns (12v)	3.99	3.79	3.41
28F020-15	32	262,144 x 8	150ns (12v)	6.99	6.64	5.98

## SPECIAL BUYS/CLOSE - OUTS

STOCK#	PINS	DESCRIPTION	1-24	25-99	100+
LS288B*	16	Programmable Speech Circuit	2.99	2.84	2.56
COP499*	8	Microprocessor with RAM	2.49	2.37	2.13
1100AL-11*	40	Winchester Disk Controller	2.49	2.37	2.13
1100AL-18*	40	Winchester Disk Controller	2.49	2.37	2.13
1100PE-01*	20	Winchester Disk Controller	2.49	2.37	2.13
1100PE-03*	20	Winchester Disk Controller	2.49	2.37	2.13
1100PE-05*	20	Winchester Disk Controller	2.49	2.37	2.13
1100V-05*	20	Winchester Disk Controller	2.49	2.37	2.13
1100V-07*	20	Winchester Disk Controller	2.49	2.37	2.13
TMS1300*	40	Microprocessor	3.99	3.79	3.41
MC1456CG*	TO-5	High Performance Op. Amp.	1.49	1.42	1.28
3708*	16	8 Channel Multiplexer (PMOS)	3.99	3.79	3.41
TMS6100*	28	Synthesized Speech ROM	7.99	7.59	6.83
MC10107*	16	Triple 2 Input Exclusive/OR/NOR Gate	.99	.94	.85
MC10114*	16	Triple Differential Line Receiver	1.29	1.23	1.11
MC10131*	16	Dual Master/Slave D Type Flip Flop	1.49	1.42	1.28
MC10415*	16	1024 x 1 RAM	1.99	1.89	1.70
75111*	16	Differential Line Driver	1.19	1.13	1.02
75468*	16	7 Channel Relay Driver	1.99	1.89	1.70
75469*	16	7 Channel Relay Driver	1.99	1.89	1.70
65256-15*	28	32K x 8 Pseudo Static RAM (150 ns)	.99	.94	.85
68C257*	28	32K x 8 CHMOS Eprom with Inte. Latch (200 ns)	13.99	13.29	11.96

## OPTO ISOLATORS Dual In-Line Package

STOCK#	PINS	DESCRIPTION	1-24	25-99	100+
H11AA1*	6	Infrared Diode and NPN Photocoupler (1500 v)	.39	.37	.33
H11C3*	6	Infrared Diode and Light Activated SCR	.79	.75	.68
IL-1*	6	Single Channel, 50% CTR (2500 v)	.89	.85	.77
MCT-2	6	Infrared Diode and NPN Photocoupler (2500 v)	.29	.28	.25
MCT-6	8	Dual Photo Transistor (1500 v)	.45	.43	.39
MOC3010	6	Triac Driver, Optically Isolated (7500 v)	.45	.43	.39
MOC3011	6	Triac Driver, Optically Isolated (7500 v)	.49	.47	.42
MOC3021	6	Triac Driver, Optically Isolated (7500 v)	.45	.43	.39
MOC3022	6	Triac Driver, Optically Isolated (7500 v)	.45	.43	.39
MOC3031	6	Zero Voltage Crossing Triac Driver (7500 v)	.49	.47	.42
MOC3032	6	Triac Driver, Optically Isolated (7500 v)	.55	.52	.47
MOC3042	6	Triac Driver, Optically Isolated (7500 v)	.55	.52	.47
4N25	6	NPN Photo Transistor, 50% CTR (2500 v)	.19	.18	.16
4N26	6	NPN Photo Transistor, 50% CTR (1500 v)	.19	.18	.16
4N27*	6	NPN Photo Transistor, 10% CTR (1500 v)	.19	.18	.16
4N28	6	NPN Photo Transistor, 50% CTR (500 v)	.24	.23	.21
4N32	6	NPN Photo Transistor, 10% CTR (2500 v)	.24	.23	.21
4N33	6	Infrared Diode & Photo Darl., 500% CTR (1500 v)	.24	.23	.21
4N35	6	NPN Photo Transistor, 100% CTR (3550 v)	.24	.23	.21
4N37	6	NPN Photo Transistor, 100% CTR (3550 v)	.24	.23	.21
6N135*	8	TTL/CMOS Optocoupler, 7% CTR (2500 v)	.49	.47	.42
6N136	8	High Speed Optocoupler, 19% CTR (3000 v)	.49	.47	.42
6N137	8	High Speed Optocoupler	.49	.47	.42
6N138	8	High Gain Split Darlington, 300% CTR (3000 v)	.59	.56	.50
6N139	8	High Speed Optocoupler	.59	.56	.50

\*DISCONTINUED - STOCK CONDITIONS MAY VARY



# UNICORN ELECTRONICS

## TRANSISTORS - HIGH POWER

STOCK#	CASE	TYPE	V <sub>cb0</sub>	V <sub>ceo</sub>	V <sub>eb0</sub>	I <sub>fe</sub>	I <sub>cb0</sub>	1-24	25-99	100+
2N2270	TO-5	NPN	60	45	7.0	50-200	50n	1.99	1.89	1.70
2N2894	TO-18	PNP	12	12	4.0	40	.08u	.99	.94	.85
2N3053	TO-5	NPN	60	40	5.0	50-250	5.0m	.39	.37	.33
2N3055	TO-3	NPN	100	60	7.0	20-70	—	.79	.75	.68
2N3439	TO-5	NPN	450	350	7.0	40-160	20u	.49	.47	.42
2N3715	TO-3	NPN	80	60	7.0	50-150	1.0m	1.99	1.89	1.70
2N3772	TO-3	NPN	100	60	7.0	15-60	5.0m	1.99	1.89	1.70
2N3791	TO-3	PNP	80	60	7.0	180	5.0m	1.99	1.89	1.70
2N3924*	TO-5	NPN	36	18	4.0	—	100u	4.99	4.74	4.27
2N4036	TO-92	PNP	90	65	7.0	20-200	100u	.69	.66	.59
2N4037	TO-5	PNP	60	40	7.0	50-250	250n	.69	.66	.59
2N5416	TO-5	PNP	350	300	6.0	30-120	50u	.69	.66	.59
2N5913*	TO-5	NPN	36	14	3.5	—	300u	2.99	2.84	2.56
2N6306	TO-3	NPN	500	250	8.0	15-75	500u	4.99	4.74	4.27
BD242	TO-220	PNP	—	45	5.0	25	200u	.49	.47	.42
BD371	TO-92	NPN	45	45	5.0	40-400	100n	.59	.56	.50
BD536	TO-220	PNP	60	60	5.0	25	100u	.69	.66	.59
MJE2955	TO-220	PNP	70	60	5.0	20-70	1.0m	.39	.37	.33
MJE3055	TO-220	NPN	70	60	5.0	20-70	1.0m	.49	.47	.42
TIP29A	TO-220	NPN	60	60	5.0	15-75	300u	.33	.31	.28
TIP30A	TO-220	PNP	60	60	5.0	15-75	300u	.33	.31	.28
TIP31A	TO-220	NPN	60	60	5.0	10-50	300u	.39	.37	.33
TIP32A	TO-220	PNP	60	60	5.0	10-50	300u	.33	.31	.28
TIP41A	TO-220	NPN	60	60	5.0	15-75	.7m	.49	.47	.42
TIP42A	TO-220	PNP	60	60	5.0	15-75	700u	.39	.37	.33

## TRANSISTORS - DARLINGTON

STOCK#	CASE	TYPE	V <sub>ceo</sub>	I <sub>fe</sub>	I <sub>cb0</sub> (mA) @ V <sub>cb</sub> (V)	V <sub>ce</sub> (V)	1-24	25-99	100+
2N6037	TO-126	NPN	40	100	500 @ 40	2.0	.49	.47	.42
2N6043	TO-220	NPN	60	10K-20K	500 @ 60	2.0	.49	.47	.42
2N6387	TO-220	NPN	60	1K-20K	—	3.0	.69	.66	.59
MPSA13	TO-92	NPN	—	10000	0.1 @ 30	1.5	.06	.05	.04
TIP101	TO-220	NPN	—	1K-20K	50 @ 60	2.0	.55	.52	.47
TIP102	TO-220	NPN	—	1K-20K	50 @ 80	2.0	.49	.47	.42
TIP120	TO-220	NPN	60	1000	200 @ 60	2.0	.39	.37	.33
TIP122	TO-220	NPN	100	1000	200 @ 60	3.0	.39	.37	.33
TIP125	TO-220	PNP	60	1000	200 @ 60	4.0	.45	.43	.39

## TRANSISTORS - FIELD EFFECT

STOCK#	CASE	CHANNEL	TYPE	V <sub>gs</sub> (mV)	V <sub>GS</sub> (V)	C <sub>iss</sub> (pF)	C <sub>oss</sub> (pF)	1-24	25-99	100+
2N3819	TO-92	N	JFET	2.0-20	25	8.0	4.0	.14	.13	.12
2N4360	TO-92	P	JFET	3.0-30	20	20	5.0	1.49	1.42	1.28
2N4391	TO-92	N	JFET	60-130	20	14	3.5	1.49	1.42	1.28
2N4416	TO-18	N	JFET	5.0-15	30	4.0	0.8	1.99	1.89	1.70
2N4857	TO-18	N	JFET	20-100	40	18	8.0	1.99	1.89	1.70
2N5486	TO-92	N	JFET	8.0-20	25	5.0	1.0	.22	.21	.19
2N5951	TO-92	N	JFET	7.0-13	30	6.0	2.0	.59	.56	.50
BF966	SOT-103	N	MOSFET	2.0-20	2.5	—	—	.49	.47	.42
BF966S	SOT-103	N	MOSFET	4.0-20	2.5	—	—	.49	.47	.42
MPF102	TO-92	N	JFET	2.0-20	25	7.0	3.0	.12	.11	.10

## TRANSISTORS - LOW POWER

STOCK#	CASE	TYPE	V <sub>cb0</sub>	V <sub>ceo</sub>	V <sub>eb0</sub>	I <sub>fe</sub>	I <sub>cb0</sub>	1-24	25-99	100+
2N706*	TO-18	NPN	25	20	3.0	20	500n	.59	.56	.50
2N918*	TO-18	NPN	30	15	3.0	20	.01u	.79	.75	.68
2N1613*	TO-5	NPN	75	50	7.0	30	10n	.59	.56	.50
2N1693*	TO-59	PNP	25	25	2.0	—	10u	23.99	22.79	20.51
2N1711*	TO-5	NPN	75	50	7.0	50	10n	.59	.56	.50
2N2193*	TO-5	NPN	80	50	8.0	30	10n	.99	.94	.85
2N2218A	TO-5	NPN	75	40	6.0	30	10n	.49	.47	.42
2N2219A	TO-5	NPN	75	40	6.0	50	.01u	.37	.35	.31
2N2221A	TO-18	NPN	75	40	6.0	30	.01u	.39	.37	.33
PN2222	TO-92	NPN	60	30	5.0	50	10n	.06	.05	.04
2N2222A	TO-18	NPN	75	40	6.0	50	.01u	.39	.37	.33
2N2369	TO-18	NPN	40	15	4.5	40	400n	.33	.31	.28
2N2484*	TO-18	NPN	60	60	6.0	150	10n	.59	.56	.50
2N2672	TO-5	PNP	25	—	1.0	40	8u	1.99	1.89	1.70
2N2904	TO-5	PNP	60	40	5.0	25	.02u	.49	.47	.42
2N2905	TO-5	PNP	60	40	5.0	50	.02u	.49	.47	.42
PN2907	TO-92	PNP	60	40	5.0	30	20n	.10	.09	.08
2N2907A	TO-18	PNP	60	40	5.0	30	20n	.29	.28	.25
2N3251	TO-18	PNP	50	40	5.0	100	.02u	.59	.56	.50
2N3392	TO-92	NPN	25	25	5.0	150	100n	.19	.18	.16
2N3414	TO-92	NPN	25	25	5.0	75	100n	.19	.18	.16
2N3563	TO-92	NPN	30	12	2.0	20	50n	.29	.28	.25
2N3564	TO-92	NPN	30	15	4.0	20	50n	.29	.28	.25

## TRANSISTORS - LOW POWER

STOCK#	CASE	TYPE	V <sub>cb0</sub>	V <sub>ceo</sub>	V <sub>eb0</sub>	I <sub>fe</sub>	I <sub>cb0</sub>	1-24	25-99	100+
2N3565	TO-92	NPN	30	25	6.0	120	50n	.49	.47	.42
2N3566	TO-92	NPN	40	30	5.0	80	50n	.29	.28	.25
2N3567	TO-92	NPN	80	40	5.0	40	50u	.39	.37	.33
2N3568	TO-92	NPN	80	60	5.0	40	50u	.39	.37	.33
2N3640	TO-92	PNP	12	12	4.0	20	50n	.19	.18	.16
2N3641	TO-92	NPN	60	30	5.0	40	50n	.19	.18	.16
2N3642	TO-92	NPN	60	45	5.0	40	50n	.39	.37	.33
2N3643	TO-92	NPN	60	30	5.0	100	.05u	.39	.37	.33
2N3644	TO-92	PNP	45	45	5.0	80	35n	.39	.37	.33
2N3702	TO-92	PNP	40	25	5.0	60	100n	.09	.08	.07
2N3724	TO-92	NPN	50	30	6.0	60	1.7u	.69	.66	.59
2N3725	TO-5	NPN	80	50	6.0	60	1.7u	.69	.66	.59
2N3903	TO-92	NPN	60	40	6.0	50	50n	.06	.05	.04
2N3904	TO-92	NPN	60	40	6.0	100	50n	.07	.06	.05
2N3905	TO-92	PNP	40	40	5.0	50	50n	.07	.06	.05
2N3906	TO-92	PNP	40	40	5.0	100	50n	.05	.04	.03
2N4033	TO-92	PNP	80	80	5.0	75	.05u	.59	.56	.50
2N4072*	TO-18	NPN	40	20	4.0	10	.10u	2.49	2.37	2.13
2N4124	TO-92	NPN	30	25	5.0	120	.05u	.06	.05	.04
2N4125	TO-92	PNP	40	40	5.0	30	.05u	.06	.05	.04
2N4248	TO-92	PNP	40	40	5.0	50	10n	.89	.85	.77
2N4274	TO-92	NPN	30	12	4.5	18	100u	.29	.28	.25
2N4400	TO-92	NPN	60	40	6.0	20	100n	.05	.04	.03
2N4401	TO-92	NPN	60	40	6.0	40	100n	.06	.05	.04
2N4402	TO-92	PNP	40	40	5.0	30	100n	.06	.05	.04
2N4403	TO-92	PNP	40	40	5.0	60	100n	.06	.05	.04
2N4916	TO-18	PNP	30	30	5.0	60	25n	.69	.66	.59
2N5087	TO-92	PNP	50	50	3.0	250	.05u	.06	.05	.04
2N5089	TO-92	NPN	30	25	3.0	450	.05u	.06	.05	.04
2N5128	TO-92	NPN	15	12	3.0	35	50n	.19	.18	.16
2N5129	TO-92	NPN	15	12	3.0	35	50n	.19	.18	.16
2N5133*	TO-92	NPN	20	18	3.0	50	.05u	.29	.28	.25
2N5134*	TO-92	NPN	20	10	3.5	150	.40u	.19	.18	.16
2N5135*	TO-92	NPN	30	25	4.0	50	.30u	.29	.28	.25
2N5139*	TO-92	PNP	20	20	5.0	40	50n	.19	.18	.16
2N5143*	TO-92	PNP	20	20	4.0	15	50n	.39	.37	.33
2N5172	TO-92	NPN	25	25	5.0	100	100n	.09	.08	.07
BC184	TO-92	NPN	45	30	5.0	900	15n	.07	.06	.05
BC212	TO-92	PNP	60	50	5.0	100	15n	.06	.05	.04
BC213	TO-92	PNP	45	30	5.0	100	15n	.09	.08	.07
BC309	TO-92	PNP	25	20	5.0	120	100n	.05	.04	.03
MPSA06	TO-92	NPN	80	80	4.0	50	100n	.05	.04	.03
MPS2369	TO-92	NPN	40	15	4.5	40	40u	.06	.05	.04

## TRANSISTORS - RF

STOCK#	CASE	TYPE	V <sub>cb0</sub>	V <sub>ceo</sub>	Frequency	Gain	Output	1-24	25-99	100+
2N3553	TO-39	NPN	65	40	175 Mhz	10 dB	2.5 W	4.99	4.74	4.27
2N3866	TO-39	NPN	55	30	400 Mhz	10 dB	1.0 W	.99	.85	.77
2N5589	144B-05	NPN	36	18	175 Mhz	8.2 dB	3.0 W	29.99	28.49	25.64
2N5590	145A-09	NPN	36	18	175 Mhz	5.2 dB	10 W	29.99	28.49	25.64
2N5637	145A-09	NPN	60	35	175 Mhz	10 dB	1.0 W	29.99	28.49	25.64
2N5641	144B-05	NPN	65	35	175 Mhz	8.4 dB	1.0 W	29.99	28.49	25.64
2N5642	145A-09	NPN	65	35	175 Mhz	8.2 dB	20 W	29.99	28.49	25.64
2N5643	145A-09	NPN	65	35	175 Mhz	7.6 dB	40 W	29.99	28.49	25.64
2N5944	244-04	NPN	36	16	470 Mhz	9.0 dB	2.0 W	24.99	23.74	21.37
2N5945	244-04	NPN	36	16	470 Mhz</					

# UNICORN ELECTRONICS

## TRANSISTORS - RF (continued)

STOCK#	CASE	TYPE	V <sub>cb0</sub>	V <sub>ceo</sub>	Frequency	Gain	Output	1-24	25-99	100+
MRF449	211-07	NPN	40	20	30 Mhz	12 dB	30 W	39.99	37.99	34.19
MRF449A	145A-09	NPN	40	20	30 Mhz	12 dB	30 W	39.99	37.99	34.19
MRF450A	145A-09	NPN	40	20	30 Mhz	11 dB	50 W	24.99	23.74	21.37
MRF454	211-07	NPN	45	25	30 Mhz	12 dB	80 W	34.99	33.24	29.92
MRF455	211-07	NPN	45	18	30 Mhz	13 dB	60 W	29.99	28.49	25.64
MRF458	211-11	NPN	36	18	30 Mhz	12 dB	80 W	39.99	37.99	34.19
MRF476*	TO-220	NPN	36	18	30 Mhz	15 dB	3 W	19.99	18.99	17.09
MRF477	TO-220	NPN	36	18	30 Mhz	15 dB	40 W	29.99	28.49	25.64
MRF517	TO-39	NPN	35	20	1.0 Ghz	10 dB	0.75 W	5.99	5.69	5.12
MRF557	317-01	NPN	—	—	870 Mhz	8.0 dB	1.5 W	4.99	4.74	4.27
MRF607	TO-39	NPN	36	16	175 Mhz	11.5 dB	1.75 W	2.99	2.84	2.56
MRF641	316-01	NPN	36	16	470 Mhz	7.8 dB	15 W	29.99	28.49	25.64
MRF644	316-01	NPN	36	16	470 Mhz	6.2 dB	25 W	29.99	28.49	25.64
MRF646	316-01	NPN	36	16	470 Mhz	4.8 dB	45 W	39.99	37.99	34.19
MRF650	316-01	NPN	36	16	470 Mhz	6.3 dB	50 W	49.99	47.49	42.74
MRF660	TO-220	NPN	36	16	470 Mhz	5.4 dB	7.0 W	24.99	23.74	21.37
MRF901	317-01	NPN	25	15	1.0 Ghz	10 dB	15 mA	5.99	5.69	5.12

## DIODES - SILICON RECTIFIERS

STOCK#	CASE	FORWARD CURRENT (A)	VOLTAGE	MAX. SURGE CURR. (A)	1-24	25-99	100+
1N4001	DO-41	1	50	30	.05	.04	.03
1N4002	DO-41	1	100	30	.05	.04	.03
1N4003	DO-41	1	200	30	.05	.04	.03
1N4004	DO-41	1	400	30	.05	.04	.03
1N4005	DO-41	1	600	30	.05	.04	.03
1N4006	DO-41	1	800	30	.05	.04	.03
1N4007	DO-41	1	1000	30	.05	.04	.03
1N5400	DO-201A	3	50	200	.11	.10	.09
1N5401	DO-201A	3	100	200	.11	.10	.09
1N5402	DO-201A	3	200	200	.11	.10	.09
1N5404	DO-201A	3	400	200	.12	.11	.10
1N5408	DO-201A	3	1000	200	.14	.13	.12

## DIODES - STUD/BRIDGE RECTIFIERS

STOCK#	CASE	FORWARD CURRENT (A)	VOLTAGE	MAX. SURGE CURR. (A)	1-24	25-99	100+
1N1188	DO-5	35	400	700	3.99	3.79	3.41
WOL2	RB-15	1.5	200	50	.39	.37	.33
WO8M	RB-15	1.5	800	50	.27	.26	.23
BR1005	PB-3	10	50	150	.99	.94	.85
MDA3502	309A-2	35	200	400	3.99	3.79	3.41
MDA3504	309A-2	35	400	400	4.99	4.74	4.27

## DIODES - SCR

STOCK#	CASE	FORWARD CURRENT (A)	VOLTAGE	MAX. SURGE CURR. (A)	1-24	25-99	100+
C106B	TO-126	4	200	20	.49	.47	.42
C106M	TO-126	4	600	20	.59	.56	.50
C122A	TO-220	8	100	90	.59	.56	.50
C122B	TO-220	8	200	90	.69	.66	.59
C122M	TO-220	8	600	90	1.19	1.13	1.02

## DIODES - TRIACS

STOCK#	CASE	FORWARD CURRENT (A)	VOLTAGE	MAX. SURGE CURR. (A)	1-24	25-99	100+
SC146B	TO-220	10	200	100	1.19	1.13	1.02
SC146M	TO-220	10	600	100	1.79	1.70	1.53
MAC223-10	TO-220	25	800	250	2.99	2.84	2.56

## DIODES - SWITCHING/GENERAL PURPOSE

STOCK#	CASE	FORWARD CURRENT (ma)	VOLTAGE	MAX. SURGE CURR. (A)	1-24	25-99	100+
1N270	DO-7	50	80	0.5	.55	.52	.47
1N3600	DO-35	200	50	2.0	.12	.11	.10
1N4148	DO-35	10	75	—	.04	.03	.02

## DIODES - ZENER

STOCK#	CASE	VOLTAGE	CURRENT (ma)	WATTS	IMPEDANCE	1-24	25-99	100+
1N746	DO-35	3.3	20	400mW	28	.09	.08	.07
1N747	DO-35	3.6	20	400mW	24	.09	.08	.07
1N748	DO-35	3.9	20	400mW	23	.09	.08	.07
1N749	DO-35	4.3	20	400mW	22	.09	.08	.07
1N750	DO-35	4.7	20	400mW	19	.09	.08	.07
1N751	DO-35	5.1	20	400mW	17	.09	.08	.07
1N752	DO-35	5.6	20	400mW	11	.09	.08	.07
1N753	DO-35	6.2	20	400mW	7	.09	.08	.07
1N754	DO-35	6.8	20	400mW	5	.09	.08	.07
1N755	DO-35	7.5	20	400mW	4.5	.09	.08	.07
1N756	DO-35	8.2	20	400mW	8	.09	.08	.07
1N757	DO-35	9	20	400mW	6	.09	.08	.07
1N758	DO-35	10	20	400mW	17	.09	.08	.07
1N759	DO-35	12	20	400mW	30	.09	.08	.07
1N959	DO-35	8.2	15	400mW	6.5	.15	.14	.13
1N962	DO-35	11	11.5	400mW	9.5	.15	.14	.13
1N963	DO-35	12	10.5	400mW	11	.15	.14	.13
1N964	DO-35	13	9.5	400mW	13	.15	.14	.13
1N965	DO-35	15	8.5	400mW	16	.15	.14	.13
1N4732	DO-41	4.7	53	1	8	.11	.10	.09
1N4733	DO-41	5.1	49	1	7	.09	.08	.07
1N4734	DO-41	5.6	45	1	5	.09	.08	.07
1N4735	DO-41	6.2	41	1	2	.09	.08	.07
1N4736	DO-41	6.8	37	1	3.5	.09	.08	.07
1N4737	DO-41	7.5	34	1	4	.09	.08	.07
1N4738	DO-41	8.2	31	1	4.5	.09	.08	.07
1N4739	DO-41	9.1	28	1	5	.09	.08	.07
1N4740	DO-41	10	25	1	7	.09	.08	.07
1N4741	DO-41	11	23	1	8	.09	.08	.07
1N4742	DO-41	12	21	1	9	.09	.08	.07
1N4743	DO-41	13	19	1	10	.09	.08	.07
1N4744	DO-41	15	17	1	14	.09	.08	.07
1N4745	DO-41	16	16	1	16	.09	.08	.07
1N4746	DO-41	18	14	1	20	.09	.08	.07
1N4747	DO-41	20	13	1	22	.09	.08	.07
1N4748	DO-41	22	12	1	23	.09	.08	.07
1N4749	DO-41	24	11	1	25	.09	.08	.07
1N4750	DO-41	27	9.5	1	35	.09	.08	.07
1N4751	DO-41	30	8.5	1	40	.09	.08	.07
1N4752	DO-41	33	7.5	1	45	.09	.08	.07
1N4753	DO-41	36	7	1	50	.09	.08	.07
1N4754	DO-41	39	6.5	1	60	.09	.08	.07
1N4755	DO-41	43	6	1	70	.09	.08	.07
1N4756	DO-41	47	5.5	1	80	.09	.08	.07
1N4757	DO-41	51	5	1	95	.09	.08	.07
1N4758	DO-41	56	4.5	1	110	.09	.08	.07
1N4759	DO-41	62	4	1	125	.09	.08	.07
1N4760	DO-41	68	3.7	1	150	.09	.08	.07
1N4761	DO-41	75	3.3	1	175	.09	.08	.07
1N4762	DO-41	82	3	1	200	.09	.08	.07
1N4763	DO-41	91	2.8	1	250	.09	.08	.07
1N4764	DO-41	100	2.5	1	350	.09	.08	.07
1N5225	DO-35	3	20	500mW	29	.11	.10	.09
1N5232	DO-35	5.6	20	500mW	11	.11	.10	.09
1N5234	DO-35	6.2	20	500mW	3	.11	.10	.09
1N5235	DO-35	6.8	20	500mW	5	.11	.10	.09
1N5236	DO-35	7.5	20	500mW	6	.11	.10	.09
1N5237	DO-35	8.2	20	500mW	7	.11	.10	.09
1N5238	DO-35	8.7	20	500mW	8	.11	.10	.09
1N5241	DO-35	11	20	500mW	9.5	.11	.10	.09
1N5242	DO-35	12	20	500mW	30	.11	.10	.09
1N5245	DO-35	15	8.5	500mW	16	.11	.10	.09
1N5246	DO-35	16	7.8	500mW	17	.11	.10	.09
1N5333	DO-35	3.3	380	5	3	.24	.23	.21
1N5334	DO-35	3.6	350	5	2.5	.24	.23	.21
1N5335	DO-35	3.9	320	5	2	.24	.23	.21
1N5336	DO-35	4.3	290	5	2	.24	.23	.21
1N5337	DO-35	4.7	260	5	2	.24	.23	.21
1N5338	DO-35	5.1	240	5	1.5	.24	.23	.21
1N5339	DO-35	5.6	220	5	1	.24	.23	.21
1N5340	DO-35	6	200	5	1	.24	.23	.21
1N5341	DO-35	6.2	200	5	1	.24	.23	.21
1N5342	DO-35	6.8	175	5	1	.24	.23	.21
1N5343	DO-35	7.5	175	5	1.5	.24	.23	.21
1N5357	DO-35	20	65	5	3	.24	.23	.21
1N5359	DO-35	24	50	5	3.5	.24	.23	.21

\*DISCONTINUED - STOCK CONDITIONS MAY VARY

# UNICORN ELECTRONICS

## ASSORTMENTS

### DIODE ASSORTMENT

An assortment of our most popular Diodes. Contains the following:

10 each	10 each	10 each	10 each	50 each
1N270	1N3600	1N4733	1N5401	1N4001
1N751	1N4007	1N4735	1N5404	1N4004
1N753	C106B	1N4742	1N5408	1N4148

STOCK#	DESCRIPTION	1-24	25-99	100+
AS1002	270 Piece Diode Assortment	19.99	18.99	17.09

### 74LS ASSORTMENT

An assortment of our most popular 74LS I.C.'s. Contains the following:

10 each	10 each	10 each	10 each	20 each
74LS05	74LS73	74LS125	74LS193	74LS00
74LS10	74LS75	74LS139	74LS240	74LS02
74LS11	74LS85	74LS151	74LS244	74LS04
74LS14	74LS86	74LS155	74LS245	74LS08
74LS20	74LS90	74LS157	74LS273	74LS32
74LS30	74LS93	74LS174	74LS373	74LS74
74LS47	74LS123	74LS175	74LS374	74LS138

STOCK#	DESCRIPTION	1-24	25-99	100+
AS1005	420 Piece 74LS Assortment	89.99	85.49	76.94

### TRANSISTOR ASSORTMENT

An assortment of our most popular transistors. Contains the following:

5 each	5 each	10 each	10 each	30 each
TIP31A	MPF102	PN2907	MPSA13	PN2222
TIP41A	2N3055	2N2907A	2N4401	2N3904
TIP120	2N5951	2N2222A	2N4403	2N3906

STOCK#	DESCRIPTION	1-24	25-99	100+
AS1001	180 Piece Transistor Assortment	29.99	28.49	25.64

### TTL ASSORTMENT

An assortment of our most popular TTL I.C.'s. Contains the following:

10 each	10 each	10 each	10 each	10 each	20 each
7402	7416	7438	74107	74157	7400
7405	7417	7447	74123	74160	7404
7408	7420	7470	74132	74174	7406
7410	7430	7485	74151	74175	7407
7414	7432	7495	74153	74279	7474

STOCK#	DESCRIPTION	1-24	25-99	100+
AS1004	350 Piece TTL Assortment	119.99	113.99	102.59

### CMOS ASSORTMENT

An assortment of our most popular CMOS I.C.'s. Contains the following:

10 each	10 each	10 each	10 each	20 each
4015	4024	4051	4093	4001
4016	4027	4069	4511	4011
4017	4040	4070	4538	4013
4020	4046	4071	4543	4049
4023	4050	4081	4584	4066

STOCK#	DESCRIPTION	1-24	25-99	100+
AS1006	300 Piece CMOS Assortment	69.99	66.49	59.84

## LED DISPLAYS / LED'S

STOCK #	Socket	CHAR.	DESCRIPTION	COLOR	CHAR. HT.	DEC. POINT	1-24	25-99	100+
FND503*	SO24	1	7 Seg. CC	Red	.500"	Right Hand	.79	.75	.68
FND507	SO24	1	7 Seg. CA	Red	.500"	Right Hand	.79	.75	.68
HP3401	SO24	1	7 Seg. CA	Red	.800"	Right Hand	1.29	1.23	1.11
HP3405	SO24	1	7 Seg. CC	Red	.800"	Left Hand	1.39	1.32	1.19
MAN52*	SO14	1	7 Seg. CA	Green	.300"	Left Hand	.99	.94	.85
MAN54*	SO14	1	7 Seg. CC	Green	.300"	Right Hand	.99	.94	.85
MAN71	SO14	1	7 Seg. CA	Red	.300"	Right Hand	.79	.75	.68
MAN72	SO14	1	7 Seg. CA	Red	.300"	Left Hand	.79	.75	.68
MAN73	SO14	1	7 Seg. CA	Red	.300"	±1 Overflow	.79	.75	.68
MAN74	SO14	1	7 Seg. CC	Red	.300"	Right Hand	.79	.75	.68
MAN6610	SO24	2	7 Seg. CA	Orange	.560"	Right Hand	.99	.94	.85
MAN6640	SO24	2	7 Seg. CC	Orange	.560"	Right Hand	1.19	1.13	1.02
MAN6710	SO24	2	7 Seg. CA	Red	.560"	Right Hand	1.19	1.13	1.02
MAN6730	SO24	2	7 Seg. CC	Red	.560"	Right Hand	1.19	1.13	1.02
MAN6740	SO24	2	7 Seg. CC	Red	.560"	Right Hand	1.19	1.13	1.02
TIL311	SO14	1	Hexadecimal	Red	.300"	—	14.99	14.24	12.82

### LED ASSORTMENT

An assortment of our most popular LED's. Contains:

10 each	10 each	30 each	30 each	100 each
LDBJ	LDRF	LDOT1	LDYT1	SB1097
SB1027	SB1021	LDIFT1	LDGJ	LDRT1
LDOJ	SB1091	LDGT1	LDYJ	LDRJ

STOCK#	DESCRIPTION	1-24	25-99	100+
AS1003	540 Piece LED Assortment	69.99	66.49	59.84

Most products available in production quantities - call for pricing over 1000 !

### T1 (.125")



- Forward Volt. - 1.7-2.0 V
- Forward Current - 50ma
- Diffused

STOCK#	COLOR	1-24	25-99	100+
LDRT1	Red	.11	.10	.09
LDGT1	Green	.11	.10	.09
LDYT1	Yellow	.11	.10	.09
LDOT1	Orange	.11	.10	.09
LDBT1	Blue	1.99	1.89	1.70
SB1021	Red/Green	.24	.23	.21
LDIFT1	Infra-Red (830nm)	.24	.23	.21

### T1 3/4 (.200")



- Forward Volt. - 1.7-2.0
- Forward Current - 50ma
- Diffused

STOCK#	COLOR	1-24	25-99	100+
LDRJ	Red	.11	.10	.09
LDRJB	Bright Red	.19	.18	.16
LDGJ	Green	.11	.10	.09
LDYJ	Yellow	.11	.10	.09
LDOJ	Orange	.11	.10	.09
SB1022	Red/Green	.24	.23	.21
LDBJ	Blue	1.99	1.89	1.70

### T1 3/4 (.200") FLASHING



- Forward Voltage - 1.7 - 2.0
- Forward Current - 50ma
- Diffused

STOCK#	COLOR	1-24	25-99	100+
LDRF	Red	.45	.43	.39
LDGF	Green	.55	.52	.47
LDYF	Yellow	.59	.56	.50
LDOF	Orange	.59	.56	.50

### RECTANGLE - (.124" x .212")



- Forward Volt. - 1.7-2.2
- Forward Current - 50ma
- Diffused

STOCK#	COLOR	1-24	25-99	100+
SB1089	Bright Green	.24	.23	.21
SB1090	Yellow	.15	.14	.13
SB1091	Bright Yellow	.24	.23	.21

### SQUARE (.200 x .200)



- Forward Volt. - 1.7-2.2
- Forward Current - 50ma
- Diffused

STOCK#	COLOR	1-24	25-99	100+
SB1097	Bright Red	.29	.28	.26
SB1098	Yellow	.19	.18	.16

### RECTANGLE - (.040" x .200")




- Forward Volt. - 1.7-2.2 V
- Forward Current - 50ma
- Diffused

STOCK#	COLOR	1-24	25-99	100+
SB1092	Bright Red	.19	.18	.16
SB1093	Bright Green	.24	.23	.21
SB1094	Yellow	.15	.14	.13
SB1095	Bright Yellow	.24	.23	.21

\*DISCONTINUED - STOCK CONDITIONS MAY VARY

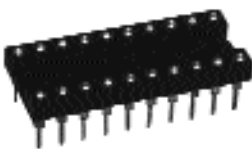
# UNICORN ELECTRONICS

## IC SOCKETS




- Tin Plated Contacts
- .125" Lead Length
- .156" Body Height

STOCK#	PINS	1-24	25-99	100+
SO6	6	.07	.06	.05
SO8	8	.07	.06	.05
SO14	14	.08	.07	.06
SO16	16	.10	.09	.08
SO18	18	.09	.08	.07
SO20	20	.11	.10	.09
SO22	22	.11	.10	.09
SO24	24	.12	.11	.10
SO24S	24 (.300")	.14	.13	.12
SO28	28	.15	.14	.13
SO32	32	.15	.14	.13
SO40	40	.18	.17	.15




- Gold Plated Contacts
- .188" Lead Length
- .125" Body Height

STOCK#	PINS	1-24	25-99	100+
MT8	8	.21	.20	.18
MT14	14	.39	.37	.33
MT16	16	.39	.37	.33
MT20	20	.49	.47	.42
MT24	24	.59	.56	.50
MT24S	24 (.300")	.59	.56	.50
MT28	28	.79	.75	.68
MT32	32	.89	.85	.77
MT40	40	.99	.94	.85
MT64	64	1.49	1.42	1.28




- Tin Plated Contacts
- .438" Lead Length
- .281" Body Height

STOCK#	PINS	1-24	25-99	100+
WW8T	8	.89	.85	.77
WW14T	14	.99	.94	.85
WW16T	16	1.09	1.04	.94
WW20T	20	1.39	1.32	1.19
WW24T	24	1.49	1.42	1.28
WW28T	28	1.79	1.70	1.53
WW40T	40	2.39	2.27	2.04




- Gold Plated Contacts
- .438" Lead Length
- .281" Body Height

STOCK#	PINS	1-24	25-99	100+
WW8G	8	1.19	1.13	1.02
WW14G	14	1.29	1.23	1.11
WW16G	16	1.49	1.42	1.28
WW20G	20	1.99	1.89	1.70
WW24G	24	2.19	2.08	1.87
WW28G	28	2.79	2.65	2.39
WW40G	40	2.99	2.84	2.56



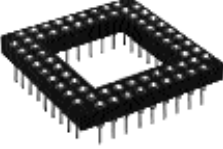
- Gold Plated Contacts
- .438" Lead Length
- .125" Body Height

STOCK#	PINS	1-24	25-99	100+
WW8M	8	.49	.47	.42
WW14M	14	.69	.66	.59
WW16M	16	.79	.75	.68
WW20M	20	.99	.94	.85
WW24M	24	1.09	1.04	.94
WW24MS	24 (.300")	1.09	1.04	.94
WW28M	28	1.39	1.32	1.19
WW32M	32	1.49	1.42	1.28
WW40M	40	1.99	1.89	1.70




- Ber. Cop./Gold Contacts
- .100"/.125" Lead Length
- .360" Body Height

STOCK#	PINS	1-24	25-99	100+
LCC68	68	.99	.94	.85
PLCC28	28	.49	.47	.42
PLCC32	32	.55	.52	.47
PLCC44	44	.59	.56	.50
PLCC52	52	.59	.56	.50
PLCC68	68	.69	.66	.59
PLCC84	84	.79	.75	.68




- Ber. Copper Contacts
- .16" Lead Length
- .28" Body Height

STOCK#	PINS	1-24	25-99	100+
PGA68	68	1.09	1.04	.94
PGA84	84	1.29	1.23	1.11
PGA121	121	2.79	2.65	2.39
PGA132	132	3.49	3.32	2.99
PGA168	168	4.99	4.74	4.27



- Tin Plated Contacts
- .438" Lead Length
- .281" Body Height

STOCK#	PINS	1-24	25-99	100+
Z116	16	7.99	7.59	6.83
Z120	20	8.99	8.54	7.69
Z124*	24	8.99	8.54	7.69
Z140	40	14.99	14.24	12.82




- Ber. Copper Contacts
- .62" Lead Length
- .27" Body Height

STOCK#	PINS	1-24	25-99	100+
ZR16*	16	5.99	5.69	5.12
ZR24*	24	7.99	7.59	6.83
ZR40*	40	8.99	8.54	7.69

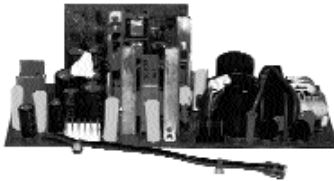
Call For Pricing over 500 Pieces

## POWER SUPPLIES



- Astec Part # BM41012
- UL/CSA/VDE Approved
- Output .156" M Header
- Input - 115/230V
- Outputs - +5V @ 3.75 Amps
- +12V @ 1.5 Amp
- -12V @ .4 Amp
- Size - 5.25" W x 7" L x 2.50 H

STOCK#	DESCRIPTION	1-9	10-24	25+
PS1003	41 Watt Switching Power Supply	9.99	9.49	8.54



- Input - 110/220V
- Outputs - +5V @ 5 Amps
- +12V @ 1 Amp
- +12V @ 1 Amp (unreg.)
- Size - 3" W x 8.5" L x 2.75" H
- Schematic included

STOCK#	DESCRIPTION	1-9	10-24	25+
PS1001*	49 Watt Switching Power Supply	12.99	12.34	11.11




Order anytime at [unicornelectronics.com](http://unicornelectronics.com)! Call for Larger Quantity Discounts !!

\*DISCONTINUED - STOCK CONDITIONS MAY VARY

# UNICORN ELECTRONICS

## CRYSTALS & OSCILLATORS

**CRYSTALS**


- Fully hermetic package
- Frequency tolerance 50 ppm
- TF case - .124" diam. x .332" high
- HC-18 case - .435" wide x .530" high
- HC-33 case - .725" wide x .775" high

TF
HC-33
HC-18

STOCK#	CASE	FREQUENCY	1-24	25-99	100+
CR22.1	HC-18	22.1184 Mhz	.79	.75	.68
CR30	HC-18	30.000 Mhz	.79	.75	.68
CR32	HC-18	32.000 Mhz	.79	.75	.68
CR36	HC-18	36.000 Mhz	.79	.75	.68
CR40	HC-18	40.000 Mhz	.79	.75	.68
CR48	HC-18	48.000 Mhz	.79	.75	.68
CR49.4	HC-18	49.435 Mhz	1.39	1.32	1.19

STOCK#	CASE	FREQUENCY	1-24	25-99	100+
CR32.7	TF	32.768 KHz	.69	.66	.59
CR1	HC-33	1.000 Mhz	4.49	4.27	3.84
CR1.8	HC-33	1.8432 Mhz	.89	.85	.77
CR2	HC-33	2.000 Mhz	2.49	2.37	2.13
CR2.01	HC-33	2.010 Mhz	1.99	1.89	1.70
CR2.09	HC-18	2.097152 Mhz	1.99	1.89	1.70
CR2.4	HC-33	2.4576 Mhz	.89	.85	.77
CR2.5	HC-18	2.500 Mhz	.69	.66	.59
CR3.2	HC-18	3.2768 Mhz	.69	.66	.59
CR3.5	HC-18	3.579545 Mhz	.69	.66	.59
CR3.6	HC-18	3.600 Mhz	.69	.66	.59
CR3.68	HC-18	3.6864 Mhz	.69	.66	.59
CR4	HC-18	4.000 Mhz	.69	.66	.59
CR4.1	HC-18	4.194304 Mhz	.69	.66	.59
CR4.4	HC-18	4.433619 Mhz	.55	.52	.47
CR4.6	HC-18	4.608 Mhz	.55	.52	.47
CR4.9	HC-18	4.9152 Mhz	.69	.66	.59
CR5	HC-18	5.000 Mhz	.69	.66	.59
CR5.06	HC-18	5.0688 Mhz	.55	.52	.47
CR6	HC-18	6.000 Mhz	.69	.66	.59
CR6.1	HC-18	6.144 Mhz	.55	.52	.47
CR6.4	HC-18	6.400 Mhz	.69	.66	.59
CR7.1	HC-18	7.15909 Mhz	.69	.66	.59
CR8	HC-18	8.000 Mhz	.69	.66	.59
CR9.6	HC-18	9.600 Mhz	.69	.66	.59
CR9.8	HC-18	9.8304 Mhz	.69	.66	.59
CR10	HC-18	10.000 Mhz	.69	.66	.59
CR11	HC-18	11.000 Mhz	.69	.66	.59
CR12	HC-18	12.000 Mhz	.69	.66	.59
CR14.3	HC-18	14.31818 Mhz	.69	.66	.59
CR15	HC-18	15.000 Mhz	.69	.66	.59
CR16	HC-18	16.000 Mhz	.69	.66	.59
CR17.4	HC-18	17.430 Mhz	.69	.66	.59
CR17.7	HC-18	17.734475 Mhz	.69	.66	.59
CR18	HC-18	18.000 Mhz	.69	.66	.59
CR18.4	HC-18	18.432 Mhz	.69	.66	.59
CR19.6	HC-18	19.6608 Mhz	.69	.66	.59
CR20	HC-18	20.000 Mhz	.69	.66	.59

**OSCILLATORS**



- Fully hermetic package
- Frequency tolerance 100ppm
- 14 pin DIP compatible
- Input voltage- +5 vdc
- Case dim. - .124" diam. x .332" high
- Pin connections:
  - Pin 1 - N/C
  - Pin 7 - Ground
  - Pin 8 - Output
  - Pin 14- +5vdc

STOCK#	FREQUENCY	1-24	25-99	100+
OS1	1.000 Mhz	2.79	2.65	2.39
OS1.8	1.8432 Mhz	1.99	1.89	1.70
OS2	2.000 Mhz	1.99	1.89	1.70
OS4	4.000 Mhz	1.99	1.89	1.70
OS4.9	4.9152 Mhz	1.99	1.89	1.70
OS5.06	5.0688 Mhz	1.99	1.89	1.70
OS8	8.000 Mhz	1.39	1.32	1.19
OS10	10.000 Mhz	1.39	1.32	1.19
OS12	12.000 Mhz	1.39	1.32	1.19
OS14.3	14.31818 Mhz	1.39	1.32	1.19
OS16	16.000 Mhz	1.39	1.32	1.19
OS18.4	18.432 Mhz	1.39	1.32	1.19
OS19.6	19.6608 Mhz	1.39	1.32	1.19
OS20	20.000 Mhz	1.39	1.32	1.19
OS24	24.000 Mhz	1.39	1.32	1.19
OS25	25.000 Mhz	1.39	1.32	1.19
OS30	30.000 Mhz	1.39	1.32	1.19
OS32	32.000 Mhz	1.39	1.32	1.19
OS33	33.000 Mhz	1.49	1.42	1.28
OS36	36.000 Mhz	1.39	1.32	1.19
OS40	40.000 Mhz	1.39	1.32	1.19
OS48	48.000 Mhz	1.39	1.32	1.19
OS50	50.000 Mhz	1.39	1.32	1.19
OS60	60.000 Mhz	1.39	1.32	1.19
OS66	66.000 Mhz	1.39	1.32	1.19
OS80	80.000 Mhz	2.49	2.37	2.13
OS100	100.000 Mhz	2.49	2.37	2.13

## HEAT SHRINK TUBING - 4' LENGTHS

	1/16"	3/32"	1/8"	3/16"	1/4"	3/8"	1/2"	3/4"	1"	1 1/2"
BLACK	IR8501	IR8502	IR8503	IR8504	IR8505	IR8506	IR8507	IR8508	IR8509	IR8510
CLEAR	IR8511	IR8512	IR8513	IR8514	IR8515	IR8516	IR8517	IR8518	IR8519	IR8520
RED	IR8521	IR8522	IR8523	IR8524	IR8525	IR8526	IR8527	IR8528	IR8529	IR8530
YELLOW	IR8531	IR8532	IR8533	IR8534	IR8535	IR8536	IR8537	IR8538	IR8539	IR8540
BLUE	IR8541	IR8542	IR8543	IR8544	IR8545	IR8546	IR8547	IR8548	IR8549	IR8550
WHITE	IR8551	IR8552	IR8553	IR8554	IR8555	IR8556	IR8557	IR8558	IR8559	IR8560


SIZE	DESCRIPTION	1-24	25-99	100+
1/16"	1/16" Heat Shrink Tubing (Shrinks to 1/32")	1.39	1.32	1.19
3/32"	3/32" Heat Shrink Tubing (Shrinks to 3/64")	1.59	1.51	1.36
1/8"	1/8" Heat Shrink Tubing (Shrinks to 1/16")	1.69	1.61	1.45
3/16"	3/16" Heat Shrink Tubing (Shrinks to 3/32")	1.99	1.89	1.70
1/4"	1/4" Heat Shrink Tubing (Shrinks to 1/8")	2.49	2.37	2.13
3/8"	3/8" Heat Shrink Tubing (Shrinks to 3/16")	2.69	2.56	2.30
1/2"	1/2" Heat Shrink Tubing (Shrinks to 1/4")	3.09	2.94	2.65
3/4"	3/4" Heat Shrink Tubing (Shrinks to 3/8")	4.09	3.89	3.50
1"	1" Heat Shrink Tubing (Shrinks to 1/2")	5.69	5.41	4.87
1 1/2"	1 1/2" Heat Shrink Tubing (Shrinks to 3/4")	8.79	8.35	7.52

\*DISCONTINUED - STOCK CONDITIONS MAY VARY

# UNICORN ELECTRONICS

## POTENTIOMETERS

**SINGLE TURN**




- 1/2 Watt
- 10% Tolerance
- 3/8" Square
- TO-5 Grid
- Top Adjustment

CROSS REFERENCE  
 Allen-Bradley E2A  
 Beckman 72PR  
 Bourns 3386P  
 Murata 3104P  
 Spectrol 63P  
 VRN 760-10  
 Weston 840P

STOCK#	DESCRIPTION	1-24	25-99	100+
PO150	50 Ω	.69	.66	.59
PO1100	100 Ω	.69	.66	.59
PO1500	500 Ω	.69	.66	.59
PO11K	1K Ω	.69	.66	.59
PO12K	2K Ω	.69	.66	.59
PO15K	5K Ω	.69	.66	.59
PO110K	10K Ω	.69	.66	.59
PO120K	20K Ω	.69	.66	.59
PO150K	50K Ω	.69	.66	.59
PO1100K	100K Ω	.69	.66	.59
PO1200K	200K Ω	.69	.66	.59
PO1500K	500K Ω	.69	.66	.59
PO11M	1 Meg Ω	.69	.66	.59


**25 TURN**



- 1/2 Watt
- 10% Tolerance
- .375" wide x .395" high
- Top Adjustment
- Bourns 3299W or equivalent

STOCK#	DESCRIPTION	1-24	25-99	100+
PO250	50 Ω	1.79	1.70	1.53
PO2100	100 Ω	1.79	1.70	1.53
PO2500	500 Ω	1.79	1.70	1.53
PO21K	1K Ω	1.79	1.70	1.53
PO22K	2K Ω	1.79	1.70	1.53
PO25K	5K Ω	1.79	1.70	1.53
PO210K	10K Ω	1.79	1.70	1.53
PO220K	20K Ω	1.79	1.70	1.53
PO250K	50K Ω	1.79	1.70	1.53
PO2100K	100K Ω	1.79	1.70	1.53
PO2200K	200K Ω	1.79	1.70	1.53
PO2500K	500K Ω	1.79	1.70	1.53
PO21M	1 Meg Ω	1.79	1.70	1.53

**15 TURN**




- 3/4 Watt
- 10% Tolerance
- .75" Rectangle
- .100" Grid
- End Adjustment

CROSS REFERENCE  
 Allen-Bradley RT5L  
 Beckman 89PR  
 Bourns 3006P  
 Murata 2103P  
 Spectrol 43P  
 VRN 961-20  
 Weston 830P

STOCK#	DESCRIPTION	1-24	25-99	100+
PO350	50 Ω	.89	.85	.77
PO3100	100 Ω	.89	.85	.77
PO3500	500 Ω	.89	.85	.77
PO31K	1K Ω	.89	.85	.77
PO32K	2K Ω	.89	.85	.77
PO35K	5K Ω	.89	.85	.77
PO310K	10K Ω	.89	.85	.77
PO320K	20K Ω	.89	.85	.77
PO350K	50K Ω	.89	.85	.77
PO3100K	100K Ω	.89	.85	.77
PO3200K	200K Ω	.89	.85	.77
PO3500K	500K Ω	.89	.85	.77
PO31M	1 Meg Ω	.89	.85	.77


**SINGLE TURN**



- 1/2 Watt
- 10% Tolerance
- 3/8" Square
- Side Adjustment
- Bourns 3386W or equivalent

STOCK#	DESCRIPTION	1-24	25-99	100+
PO41K	1K Ω	.69	.66	.59
PO45K	5K Ω	.69	.66	.59
PO410K	10K Ω	.69	.66	.59
PO420K	20K Ω	.69	.66	.59
PO450K	50K Ω	.69	.66	.59
PO4100K	100K Ω	.69	.66	.59
PO4200K	200K Ω	.69	.66	.59
PO41M	1 Meg Ω	.69	.66	.59


**SINGLE TURN**



- 1/2 Watt
- 10% Tolerance
- 1/4" Round
- Top Adjustment
- Bourns 3329P or equivalent

STOCK#	DESCRIPTION	1-24	25-99	100+
PO51K	1K Ω	1.29	1.23	1.11
PO55K	5K Ω	1.29	1.23	1.11
PO510K	10K Ω	1.29	1.23	1.11
PO5100K	100K Ω	1.29	1.23	1.11
PO51M	1 Meg Ω	1.29	1.23	1.11

**LINEAR TAPER**



- 1/2 Watt
- 10% Tolerance
- .250" Shaft
- Non-rotation key
- Solder Eyelet

STOCK#	DESCRIPTION	1-24	25-99	100+
PO61K	1K Ω	.99	.94	.85
PO65K	5K Ω	.99	.94	.85
PO610K	10K Ω	.99	.94	.85
PO6100K	100K Ω	.99	.94	.85
PO61M	1 Meg Ω	.99	.94	.85

## RESISTORS

1 / 4 W A T T , 5 % C A R B O N F I L M , V A L U E S ( )

2.2	2.4	2.7	3.0	3.3	3.6	3.9	4.3	4.7	5.1	5.6	6.2	6.8	7.5	8.2
9.1	10*	11	12	13	15	16	18	20	22	24	27*	30	33	36
39	43	47*	51	56	62	68	75	82	91	100*	110	120*	130	150*
160	180	200	220*	240	270*	300	330*	360	390	430	470*	510	560	620
680*	750	820	910	1.0K*	1.1K	1.2K	1.3K	1.5K*	1.6K	1.8K	2.0K*	2.2K*	2.4K	2.7K*
3.0K	3.3K*	3.6K	3.9K	4.3K	4.7K*	5.1K*	5.6K*	6.2K	6.8K*	7.5K	8.2K	9.1K	10K*	11K
12K	13K	15K*	16K	18K	20K	22K*	24K	27K*	30K	33K*	36K	39K	43K	47K*
51K*	56K	62K	68K	75K	82K	91K	100K*	110K	120K	130K	150K	160K	180K	200K
220K	240K	270K	300K	330K	360K	390K	430K	470K*	510K	560K	620K	680K	750K	820K
910K	1.0M*	1.1M	1.2M	1.3M	1.5M	1.6M	1.8M	2.0M	2.2M	2.4M	2.7M	3.0M	3.3M	3.6M
3.9M	4.3M	4.7M	5.1M	5.6M	6.2M	6.8M	7.5M	8.2M	9.1M	10M*				

5 PIECE MINIMUM - MUST BE ORDERED IN INCREMENTS OF 5 PIECES - VALUES MAY NOT BE COMBINED FOR QUANTITY BREAKS  
 TO ORDER: INSERT VALUE IN PLACE OF \*\* AS SHOWN IN EXAMPLE BELOW

RE\*\*CF

STOCK#	DESCRIPTION	5-20	25-95	100-995	1000-9995	10000+
RE**CF	1/4 Watt, 5% Carbon Film Resistor	.05	.03	.015	.008	.007


### RESISTOR ASSORTMENTS

4 different resistor assortments for schools, engineering departments, or hobbyists. RESKIT1 & RESKIT2 contains above values marked by a \*. RESKIT3 & RESKIT4 contain all above values. All values individually packaged & marked.

STOCK#	DESCRIPTION	1-9	10-24	25+
RESKIT1	10 Pieces of Values Marked by * Above (320 pieces)	12.99	12.34	11.11
RESKIT2	100 Pieces of Values Marked by * Above (3200 pieces)	24.99	23.74	21.37
RESKIT3	10 Pieces of All Above Values (1610 pieces)	19.99	18.99	17.09
RESKIT4	100 Pieces of All Above Values (16100 pieces)	109.99	104.49	94.04

## SWITCHES


**ROCKER SWITCH**



- SPDT/off-on
- 4 amps @ 125 VAC
- Solder tail
- 9/16" x 7/8" mounting

STOCK#	DESCRIPTION	1-24	25-99	100+
SW1002	Rocker Switch	.39	.37	.33


**PADDLE SWITCH**



- SPDT/off-on
- 6 amps @ 125 VAC
- Solder tail
- 3/4" x 1 1/2" mounting

STOCK#	DESCRIPTION	1-24	25-99	100+
SB1027	Paddle Switch	1.19	1.13	1.02


**PADDLE SWITCH**



- SPDT/off-on
- 3 amps @ 125 VAC
- Solder tail
- 9/16" x 7/8" mounting

STOCK#	DESCRIPTION	1-24	25-99	100+
SW1004	Paddle Switch	.39	.37	.33

**MINIATURE TOGGLE SWITCH**



- SPDT/on-on
- 5 amps @ 120 VAC
- Solder tail
- 1/4" mounting

STOCK#	DESCRIPTION	1-24	25-99	100+
SW1001	Toggle Switch	.99	.94	.85

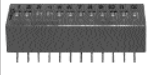
\*DISCONTINUED - STOCK CONDITIONS MAY VARY

# UNICORN ELECTRONICS

## SWITCHES

**SLIDE DIP SWITCHES**


- SPST
- 50 VDC @ 100 ma
- Numbered switches
- Standard .100" spacing



STOCK#	DESCRIPTION	1-24	25-99	100+
SW4S	4 Position	.59	.56	.50
SW5S	5 Position	.69	.66	.59
SW6S	6 Position	.79	.75	.68
SW7S	7 Position	.79	.75	.68
SW8S	8 Position	.79	.75	.68
SW10S	10 Position	.79	.75	.68
SW12S	12 Position	.99	.94	.85

**ROCKER DIP SWITCHES**


- SPST
- 50 VDC @ 100 ma
- Numbered switches
- Standard .100" spacing



STOCK#	DESCRIPTION	1-24	25-99	100+
SW4R	4 Position	.69	.66	.59
SW5R	5 Position	.69	.66	.59
SW6R	6 Position	.79	.75	.68
SW7R	7 Position	.79	.75	.68
SW8R	8 Position	.79	.75	.68
SW10R	10 Position	.79	.75	.68
SW12R	12 Position	.99	.94	.85

**PIANO DIP SWITCHES**


- SPST
- 50 VDC @ 100 ma
- Numbered switches
- Standard .100" spacing



STOCK#	DESCRIPTION	1-24	25-99	100+
SW4P	4 Position	.69	.66	.59
SW5P	5 Position	.69	.66	.59
SW6P	6 Position	.79	.75	.68
SW7P	7 Position	.79	.75	.68
SW8P	8 Position	.79	.75	.68
SW10P	10 Position	.79	.75	.68
SW12P	12 Position	.99	.94	.85

**ROTARY DIP SWITCHES**

- Fully sealed
- 30 VDC @ 30 ma
- Numbered switches
- Standard .100" spacing
- SW10C vertical mount
- SW16C DIP mount

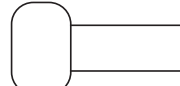


STOCK#	DESCRIPTION	1-24	25-99	100+
SW10C	10 Position	1.99	1.89	1.70
SW16C	16 Position	1.99	1.89	1.70

## CAPACITORS

**SILVER DIPPED MICA**

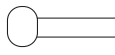
- 5% Tolerance
- Operating Temperature Range -20° C to +100° C



STOCK#	VALUE (pf)	VOLT.	LENGTH (IN.)	DIAM. (IN.)	1-24	25-99	100-999	1000+
CPS10500	10	500	.360	.450	.39	.37	.33	.30
CPS22500	22	500	.360	.450	.39	.37	.33	.30
CPS27500	27	500	.360	.450	.39	.37	.33	.30
CPS33500	33	500	.360	.450	.39	.37	.33	.30
CPS47500	47	500	.360	.450	.39	.37	.33	.30
CPS56500	56	500	.360	.450	.39	.37	.33	.30
CPS68500	68	500	.360	.450	.39	.37	.33	.30
CPS82500	82	500	.360	.450	.39	.37	.33	.30
CPS100500	100	500	.360	.460	.39	.37	.33	.30
CPS220500	220	500	.380	.460	.39	.37	.33	.30
CPS330500	330	500	.390	.470	.59	.56	.50	.45
CPS470500	470	500	.400	.470	.79	.75	.68	.61
CPS560500	560	500	.400	.480	.79	.75	.68	.61
CPS680500	680	500	.400	.480	.79	.75	.68	.61
CPS820500	820	500	.400	.480	.79	.75	.68	.61
CPS100050	1000	500	.400	.480	1.19	1.13	1.02	.92

**RADIAL MONOLYTHIC**

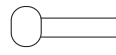
- 5% Tolerance
- Operating Temperature Range -20° C to +100° C



STOCK#	VALUE	VOLT.	1-24	25-99	100+
CPM1050	10 pf	50	.10	.09	.08
CPM2250	22 pf	50	.09	.08	.07
CPM10050	100 pf	50	.08	.07	.06
CPM.00150	.001 mf	50	.08	.07	.06
CPM.0150	.01 mf	50	.07	.06	.05
CPM.04750	.047 mf	50	.08	.07	.06
CPM.150	.1 mf	50	.09	.08	.07
CPM.2250	.22 mf	50	.12	.11	.10
CPM.3350	.33 mf	50	.19	.18	.16
CPM.4750	.47 mf	50	.19	.18	.16
CPM150	1 mf	50	.49	.47	.42

**RADIAL MYLAR**


- 10% Tolerance
- Operating Temperature Range -40° C to +85° C



STOCK#	VALUE	VOLT.	1-24	25-99	100+
CPY.001100	.001 mf	100	.08	.07	.06
CPY.0022100	.0022 mf	100	.08	.07	.06
CPY.0047100	.0047 mf	100	.08	.07	.06
CPY.01100	.01 mf	100	.08	.07	.06
CPY.022100	.022 mf	100	.11	.10	.09
CPY.033100	.033 mf	100	.11	.10	.09
CPY.047100	.047 mf	100	.11	.10	.09
CPY.1100	.1 mf	100	.12	.11	.10
CPY.1250	.1 mf	250	.19	.18	.16
CPY.22100	.22 mf	100	.13	.12	.11
CPY.33100	.33 mf	100	.13	.12	.11
CPY.47100	.47 mf	100	.22	.21	.19
CPY1100	1 mf	100	.39	.37	.33
CPY2.2250	2.2 mf	250	.59	.56	.50

**AXIAL ELECTROLYTIC**

- 20% Tolerance
- Operating Temperature Range -40° C to +85° C

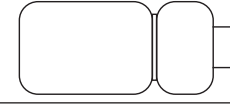


STOCK#	VALUE (mf)	VOLT.	LENGTH (IN.)	DIAM. (IN.)	1-24	25-99	100-999	1000+
CPA.4750	.47	50	.413	.197	.11	.10	.09	.08
CPA150	1	50	.413	.197	.12	.11	.10	.09
CPA2.225	2.2	25	.492	.197	.12	.11	.10	.09
CPA2.250	2.2	50	.413	.197	.14	.13	.12	.11
CPA2.2100	2.2	100	.413	.248	.29	.28	.25	.23
CPA3.325	3.3	25	.492	.197	.12	.11	.10	.07
CPA3.350	3.3	50	.413	.197	.14	.13	.12	.07
CPA3.3100	3.3	100	.630	.248	.22	.21	.18	.14
CPA4.725	4.7	25	.413	.197	.12	.11	.10	.09
CPA4.750	4.7	50	.413	.248	.14	.13	.12	.11
CPA4.7100	4.7	100	.630	.248	.24	.23	.20	.15
CPA1025	10	25	.413	.197	.13	.12	.10	.09
CPA1050	10	50	.630	.248	.14	.13	.11	.10
CPA10100	10	100	.630	.315	.27	.26	.23	.18
CPA2225	22	25	.413	.248	.12	.11	.10	.09
CPA2250	22	50	.630	.315	.16	.15	.12	.10
CPA3325	33	25	.630	.248	.14	.13	.11	.09
CPA3350	33	50	.630	.315	.15	.14	.13	.10
CPA4716	47	16	.630	.248	.12	.11	.10	.09
CPA4735	47	35	.630	.315	.12	.11	.10	.09
CPA4750	47	50	.630	.315	.15	.14	.13	.10
CPA10016	100	16	.630	.248	.17	.16	.15	.14
CPA10050	100	50	.787	.394	.16	.15	.14	.11
CPA22025	220	22	.787	.315	.19	.18	.16	.14
CPA22050	220	50	.984	.630	.22	.21	.19	.17
CPA220100	220	100	1.240	.630	.69	.66	.59	.47
CPA47025	470	25	.630	.248	.29	.28	.25	.23
CPA47050	470	50	.984	.630	.39	.37	.33	.30
CPA470100	470	100	1.575	.709	.89	.85	.77	.62
CPA100016	1000	16	.984	.492	.45	.43	.39	.35
CPA100035	1000	35	1.575	.630	.59	.56	.50	.45
CPA1000100	1000	100	1.969	.882	1.69	1.61	1.45	1.30
CPA220016	2200	16	1.240	.630	.59	.56	.50	.45
CPA220035	2200	35	1.575	.709	.89	.85	.77	.69
CPA470016	4700	16	1.575	.709	.99	.94	.85	.77
CPA470035	4700	35	1.969	.882	1.49	1.42	1.28	1.15

1 0 4 = 100,000 pf = .1mf  
 CAPACITOR CODE  
 (move decimal 6 places to the left to convert to microfarads)  
 Multiplier (number of zeros to add to get value in picofarads)  
 2nd significant digit  
 1st significant digit  
 Capacitor size may vary slightly from manufacturer to manufacturer

**RADIAL ELECTROLYTIC**

- 20% Tolerance
- Operating Temperature Range -40° C to +85° C



STOCK#	VALUE (mf)	VOLT.	LENGTH (IN.)	DIAM. (IN.)	1-24	25-99	100-999	1000+
CPE.4750	.47	50	.433	.197	.06	.05	.04	.03
CPE150	1	50	.433	.197	.07	.06	.05	.04
CPE2.225	2.2	25	.433	.197	.07	.06	.05	.04
CPE2.250	2.2	50	.433	.197	.07	.06	.05	.04
CPE2.2100	2.2	100	.433	.197	.12	.11	.10	.08
CPE3.325	3.3	25	.433	.197	.06	.05	.04	.03
CPE3.350	3.3	50	.433	.197	.07	.06	.05	.04
CPE3.3100	3.3	100	.433	.197	.17	.16	.14	.11
CPE4.725	4.7	25	.433	.197	.06	.05	.04	.03
CPE4.750	4.7	50	.433	.197	.07	.06	.05	.04
CPE4.7100	4.7	100	.433	.197	.19	.18	.14	.11
CPE1025	10	25	.433	.197	.08	.07	.06	.05
CPE1050	10	50	.433	.197	.08	.07	.06	.05
CPE10100	10	100	.433	.197	.21	.20	.17	.14
CPE2216	22	16	.433	.197	.06	.05	.04	.03
CPE2235	22	35	.441	.248	.06	.05	.04	.03
CPE2250	22	50	.441	.248	.06	.05	.04	.03
CPE3350	33	50	.630	.315	.07	.06	.05	.04
CPE4716	47	16	.630	.248	.06	.05	.04	.03
CPE4725	47	25	.630	.315	.06	.05	.04	.03
CPE4750	47	50	.630	.315	.08	.07	.06	.05
CPE10016	100	16	.630	.248	.09	.08	.07	.06
CPE10050	100	50	.787	.394	.11	.10	.09	.08
CPE22025	220	22	.787	.315	.11	.10	.09	.08
CPE22050	220	50	.984	.630	.14	.13	.12	.11
CPE220100	220	100	1.240	.630	.69	.66	.59	.47
CPE47025	470	25	.630	.248	.19	.18	.14	.10
CPE47050	470	50	.984	.630	.21	.20	.17	.14
CPE100016	1000	16	.984	.492	.21	.20	.17	.14
CPE100035	1000	35	1.575	.630	.39	.37	.33	.26
CPE150025	1500	25	1.969	.882	.49	.47	.42	.38
CPE220025	2200	25	1.240	.630	.59	.56	.50	.45
CPE330025	3300	25	1.575	.709	.69	.66	.59	.53
CPE470025	4700	25	1.575	.709	.89	.85	.77	.68
CPE680016	6800	16	1.969	.882	1.09	1.04	.94	.79

\*DISCONTINUED - STOCK CONDITIONS MAY VARY

# UNICORN ELECTRONICS

## CAPACITORS

DIP TANTALUM								
<ul style="list-style-type: none"> <li>• 10% Tolerance</li> <li>• Operating Temperature Range -55° C to +85° C</li> </ul>								
DC VOLTAGE		6.3	10	16	25	35		
SURGE VOLT.		8	13	20	32	44		
STOCK#	VALUE (mf)	VOLT.	LENGTH (IN.)	DIAM. (IN.)	1-24	25-99	100-999	1000+
CP.135	.1	35	.197	.130	.21	.20	.18	.16
CP.2235	.22	35	.197	.130	.19	.18	.16	.14
CP.3335	.33	35	.197	.130	.16	.15	.14	.13
CP.4735	.47	35	.217	.130	.21	.20	.18	.16
CP.6835	.68	35	.217	.130	.22	.21	.19	.17
CP135	1	35	.217	.130	.27	.26	.23	.21
CP2.235	2.2	35	.256	.146	.29	.28	.25	.23
CP3.335	3.3	35	.276	.157	.49	.47	.42	.38
CP4.735	4.7	35	.276	.177	.39	.37	.33	.29
CP6.835	6.8	35	.335	.205	.49	.47	.42	.38
CP1016	10	16	.374	.217	.39	.37	.33	.29
CP1025	10	25	.374	.217	.45	.43	.39	.35
CP1035	10	35	.374	.217	.69	.66	.59	.53
CP1525	15	25	.374	.217	.69	.66	.59	.53
CP2210	22	10	.315	.185	.29	.28	.25	.23
CP2216	22	16	.315	.185	.49	.47	.42	.38
CP2225	22	25	.315	.185	1.29	1.23	1.11	1.01
CP3325	33	25	.492	.295	1.99	1.89	1.70	1.53
CP4725	47	25	.571	.354	2.49	2.37	2.13	1.92
CP1006	100	6	.433	.236	.99	.94	.85	.77

CERAMIC DISK								
<ul style="list-style-type: none"> <li>• +80, -20% Tolerance</li> <li>• Operating Temperature Range -30° C to +85° C</li> </ul>								
STOCK#	VALUE	VOLT.	DIAM. (IN.)	1-24	25-99	100-999	1000+	
CPD1050	10 pf	50	.200	.05	.04	.03	.02	
CPD2250	22 pf	50	.200	.05	.04	.03	.02	
CPD2750	27 pf	50	.200	.05	.04	.03	.02	
CPD3350	33 pf	50	.200	.05	.04	.03	.02	
CPD4750	47 pf	50	.200	.05	.04	.03	.02	
CPD5650	56 pf	50	.200	.05	.04	.03	.02	
CPD6850	68 pf	50	.200	.05	.04	.03	.02	
CPD8250	82 pf	50	.200	.05	.04	.03	.02	
CPD10050	100 pf	50	.200	.05	.04	.03	.02	
CPD22050	220 pf	50	.260	.05	.04	.03	.02	
CPD33050	330 pf	50	.260	.05	.04	.03	.02	
CPD47050	470 pf	50	.320	.05	.04	.03	.02	
CPD56050	560 pf	50	.380	.05	.04	.03	.02	
CPD68050	680 pf	50	.380	.05	.04	.03	.02	
CPD82050	820 pf	50	.420	.05	.04	.03	.02	
CPD.00150	.001 mf	50	.200	.05	.04	.03	.02	
CPD.0150	.01 mf	50	.200	.05	.04	.03	.02	
CPD.02250	.022 mf	50	.260	.06	.05	.04	.03	
CPD.03350	.033 mf	50	.340	.06	.05	.04	.03	
CPD.04750	.047 mf	50	.340	.06	.05	.04	.03	
CPD.150	.1 mf	50	.500	.08	.07	.06	.05	

## CONNECTORS

CARD EDGE CONNECTOR - PC MOUNT						
<ul style="list-style-type: none"> <li>• Gold plated contacts</li> <li>• .100" spacing</li> <li>• 5 amp rating</li> </ul>						
STOCK#	COMPT.	SPACING	MTG	1-24	25-99	100+
COCE20PC	10/20	.100	Flush	1.29	1.23	1.11
COCE44PC	22/44	.100	Flush	1.89	1.80	1.62
COCE50PC	25/50	.100	Flush	1.09	1.04	.94
COCE60RA	30/60	.100	Rt. Angle	1.29	1.23	1.11
COCE62PC	31/62	.100	Flush	1.99	1.89	1.70
COCE72PC*	36/72	.100	Flush	3.99	3.79	3.41

HEADER PINS - DUAL ROW				
<ul style="list-style-type: none"> <li>• Snap apart</li> <li>• PC mount - vertical</li> <li>• .025" square posts</li> <li>• .100 centers</li> <li>• Gold plated contacts</li> </ul>				
STOCK#	DESCRIPTION	1-24	25-99	100+
COHP10	10 Pin	.17	.16	.15
COHP14	14 Pin	.29	.28	.25
COHP16	16 Pin	.29	.28	.25
COHP20	20 Pin	.39	.37	.33
COHP26	26 Pin	.39	.37	.33
COHP34	34 Pin	.45	.43	.39
COHP40	40 Pin	.45	.43	.39
COHP50	50 Pin	.45	.43	.39
COHP60	60 Pin	.49	.47	.42
COHP72	72 Pin	.55	.52	.47
COHP80	80 Pin	.69	.66	.59

HEADER PINS - SINGLE ROW				
<ul style="list-style-type: none"> <li>• Snap apart</li> <li>• PC mount - vertical</li> <li>• .025" square posts</li> <li>• .100 centers</li> <li>• Gold plated contacts</li> </ul>				
STOCK#	DESCRIPTION	1-24	25-99	100+
COMH10	10 Pin	.16	.15	.14
COMH20	20 Pin	.24	.23	.21
COMH26	26 Pin	.24	.23	.21
COMH34	34 Pin	.29	.28	.25
COMH40	40 Pin	.33	.31	.28

HEADER PINS - DUAL ROW - Right Angle				
<ul style="list-style-type: none"> <li>• Snap apart</li> <li>• PC mount - rt. angle</li> <li>• .025" square posts</li> <li>• .100 centers</li> <li>• Gold plated contacts</li> </ul>				
STOCK#	DESCRIPTION	1-24	25-99	100+
COHPRA20	20 Pin	.49	.47	.42
COHPRA26	26 Pin	.49	.47	.42
COHPRA34	34 Pin	.55	.52	.47
COHPRA40	40 Pin	.59	.56	.50
COHPRA50	50 Pin	.59	.56	.50
COHPRA72	72 Pin	.79	.75	.68

CABLE PLUGS - RIBBON CABLE				
<ul style="list-style-type: none"> <li>• Standard DIP spacing</li> <li>• Mates with standard IC sockets</li> <li>• .100 centers</li> <li>• Gold plated contacts</li> </ul>				
STOCK#	DESCRIPTION	1-24	25-99	100+
COCP14	14 Pin	.33	.31	.28
COCP16	16 Pin	.39	.37	.33
COCP20	20 Pin	.49	.47	.42
COCP24	24 Pin	.59	.56	.50
COCP28	28 Pin	.79	.75	.68
COCP40	40 Pin	.89	.85	.77

MALE HEADERS WITH LATCH - PC MOUNT				
<ul style="list-style-type: none"> <li>• Gold plated contacts</li> <li>• Locking/ejecting ears</li> <li>• Keying slot</li> <li>• .100" centers</li> <li>• Gold plated contacts</li> <li>• Mates with socket connectors</li> <li>• Mount vertical or horizontal</li> </ul>				
STOCK#	DESCRIPTION	1-24	25-99	100+
COLH10	10 Pin	.69	.66	.59
COLH20	20 Pin	.89	.85	.77
COLH26	26 Pin	.89	.85	.77
COLH34	34 Pin	.99	.94	.85
COLH40	40 Pin	.99	.94	.85
COLH50	50 Pin	1.19	1.13	1.02

RIGHT ANGLE DIN SOCKETS				
<ul style="list-style-type: none"> <li>• Plastic Body</li> <li>• PC Mount</li> <li>• 0.5" set back</li> </ul>				
STOCK#	DESCRIPTION	1-24	25-99	100+
CORADIN5	5 Pin R.A. DIN Socket	.45	.43	.39

D-SUBMINIATURE - RIBBON CABLE				
<ul style="list-style-type: none"> <li>• Plastic shell</li> <li>• UL recognized</li> <li>• 5 amp rating</li> </ul>				
STOCK#	DESCRIPTION	1-24	25-99	100+
COIDC9P	9 Pin Plug	1.49	1.42	1.28
COIDC9S	9 Pin Socket	1.99	1.89	1.70
COIDC15P	15 Pin Plug	.89	.85	.77
COIDC15S	15 Pin Socket	.89	.85	.77
COIDC25P	25 Pin Plug	1.29	1.23	1.11
COIDC25S	25 Pin Socket	1.09	1.04	.94
COIDC37P	37 Pin Plug	1.99	1.89	1.70
COIDC37S	37 Pin Socket	1.99	1.89	1.70

D-SUBMINIATURE - SOLDER CUP				
<ul style="list-style-type: none"> <li>• Steel shell</li> <li>• 1 amp contact current</li> <li>• 10 meg Ω resistance</li> </ul>				
STOCK#	DESCRIPTION	1-24	25-99	100+
CORAS9P	9 Pin Plug	.39	.37	.33
CORAS9S	9 Pin Socket	.45	.43	.39
CORAS15P	15 Pin Plug	.59	.56	.50
CORAS15S	15 Pin Socket	.59	.56	.50
CORAS15SHD15	15 Pin Socket (High Density)	.59	.56	.50
CORAS25P	25 Pin Plug	.69	.66	.59
CORAS25S	25 Pin Socket	.69	.66	.59


D-SUBMINIATURE - SOLDER CUP				
<ul style="list-style-type: none"> <li>• Steel shell</li> <li>• 1 amp contact current</li> <li>• 10 meg Ω resistance</li> </ul>				
STOCK#	DESCRIPTION	1-24	25-99	100+
CODB9P	9 Pin Plug	.39	.37	.33
CODB9S	9 Pin Socket	.45	.43	.39
CODB15P	15 Pin Plug	.45	.43	.39
CODB15S	15 Pin Socket	.45	.43	.39
CODB15PHD15	15 Pin Plug (High Density)	.49	.47	.42
CODB25P	25 Pin Plug	.79	.75	.68
CODB25S	25 Pin Socket	.69	.66	.59
CODB37P	37 Pin Plug	.79	.75	.68
CODB37S	37 Pin Socket	.79	.75	.68
CODB50P	50 Pin Plug	1.19	1.13	1.02
CODB50S	50 Pin Socket	.89	.85	.77

OEM's - Call for price quote on production quantities  
Schools & Universities - call for all your kitting needs

\*DISCONTINUED - STOCK CONDITIONS MAY VARY




## CONNECTORS



- .590" setback (Long style)
- 1 amp contact current
- 10 meg  $\Omega$  resistance


STOCK#	DESCRIPTION	1-24	25-99	100+
CORAL9P	9 Pin Plug	.49	.47	.42
CORAL9S	9 Pin Socket	.49	.47	.42
CORAL15P	15 Pin Plug	.69	.66	.59
CORAL15S	15 Pin Socket	.69	.66	.59
CORAL25P	25 Pin Plug	.89	.85	.77
CORAL25S	25 Pin Socket	1.09	1.04	.94



**RCA JACK**

- PC Mount
- Vertical or right angle mount
- Metal body


STOCK#	DESCRIPTION	1-24	25-99	100+
CORCA	Vertical Mount RCA Jack	.19	.18	.16
CORCARA	R. A. Mount RCA Jack	.19	.18	.16



**CARD EDGE CONNECTOR - RIBBON CABLE**

- Gold plated contacts
- .100" centers
- Plastic housing
- 1 amp rating

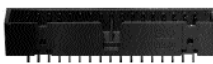
STOCK#	DESCRIPTION	1-24	25-99	100+
COCE20IDC	20 Pin	.69	.66	.59
COCE26IDC	26 Pin	.99	.94	.85
COCE34IDC	34 Pin	1.29	1.23	1.11
COCE40IDC	40 Pin	1.49	1.42	1.28
COCE50IDC	50 Pin	1.79	1.70	1.53



**D-SUBMINIATURE HOODS**

- Plastic hood
- Hardware included


STOCK#	DESCRIPTION	1-24	25-99	100+
CODB9H	9 Pin D-Subminiature Hood	.39	.37	.33
CODB15H	15 Pin D-Subminiature Hood	.45	.43	.39
CODB25H25	Pin D-Subminiature Hood	.39	.37	.33
CODB37H	37 Pin D-Subminiature Hood	.49	.47	.42
CODB50H50	Pin D-Subminiature Hood	.79	.75	.68



**PLUG CONNECTORS - PC MOUNT**

- Gold plated contacts
- .100" centers
- Mates with socket connectors
- 1 amp rating


STOCK#	DESCRIPTION	1-24	25-99	100+
COPL20	20 Pin	.39	.37	.33
COPL26	26 Pin	.39	.37	.33
COPL34	34 Pin	.45	.43	.39
COPL40	40 Pin	.49	.47	.42
COPL50	50 Pin	.69	.66	.59
COPL64	64 Pin (Right Angle)	.89	.85	.77



**CARD EDGE CONNECTOR - WIRE WRAP**

- Gold plated contacts
- .100" & .156" spacing
- Plastic
- 5 amp rating


STOCK#	CONF.	SPACING	MTG	1-24	25-99	100+
COCE24WW	12/24	.100	Tabs	1.29	1.23	1.11
COCE44WW*	22/44	.156	Tabs	1.89	1.80	1.62
COCE100WW*	50/100	.156	Tabs	2.99	2.84	2.56



**CENTRONICS - RIBBON CABLE**

- Gold plated contacts
- UL recognized
- Plastic housing
- 1 amp rating


STOCK#	DESCRIPTION	1-24	25-99	100+
COCE36M	36 Pin Male	1.29	1.23	1.11
COCE36F	36 Pin Female	1.29	1.23	1.11
COCE50M	50 Pin Male	2.49	2.37	2.13
COCE50F	50 Pin Female	2.49	2.37	2.13



**SOCKET CONNECTOR - RIBBON CABLE**

- Gold plated contacts
- .100" centers
- Mates with plug conn.
- 1 amp rating

STOCK#	DESCRIPTION	1-24	25-99	100+
COIDCS10	10 Pin	.19	.18	.16
COIDCS20	20 Pin	.29	.28	.25
COIDCS26	26 Pin	.33	.31	.28
COIDCS34	34 Pin	.39	.37	.33
COIDCS40	40 Pin	.39	.37	.33
COIDCS50	50 Pin	.49	.47	.42
COIDCS60	60 Pin	.55	.52	.47




**DIN SOCKETS**

- Metal Body
- Panel Mount
- Solder Lug

STOCK#	DESCRIPTION	1-24	25-99	100+
CODIN5	5 Pin DIN Socket	.79	.75	.68
CODIN6	6 Pin DIN Socket	.79	.75	.68
CODIN8	8 Pin DIN Socket	.79	.75	.68

## TOOLS & VISES

Remember to check our web site often - for updated pricing - new products & web only specials !!



**I.C. INSERTION & EXTRACTION TOOLS**


Quality insertion/extraction tools from OK Industries. All tools that engage conductive surfaces are CMOS safe and include grounding lugs where appropriate

- MOS1416- 14-16 pin I.C. inserter
- MOS40- 36-40 pin I.C. inserter

STOCK#	DESCRIPTION	1-24	25-99	100+
MOS1416	14-16 Pin IC Inserter	15.99	15.19	13.67
MOS40	36-40 Pin IC Inserter	18.99	18.04	16.24

\*DISCONTINUED - STOCK CONDITIONS MAY VARY

**ECONOMY TOOL KIT**




5 piece hand tool kit consisting of:

- 4 1/2" side cutter with return spring
- 5" long nose pliers with side cutter and return spring
- 6" wire adjustable wire stripper with cushion grip
- 6" phillips head screwdriver
- 6" slot-head screwdriver

STOCK#	DESCRIPTION	1-9	10-24	25+
ST10	Tool Kit	14.99	14.24	12.82

**11 PIECE COMPUTER TOOL KIT**




11 piece kit containing:

- 3/16" & 1/4" nut driver
- 3 prong parts retriever
- Tweezer
- 3/16", 1/4", #1 & #2 phillips reversible screwdriver
- T-10 & T-15 reversible screw driver
- 14-16 pin IC inserter
- 1/8" flat screwdriver
- #0 phillips screwdriver
- Black vinyl zippered case

• IC extractor

STOCK#	DESCRIPTION	1-9	10-24	25+
TK1100	Computer Tool Kit	19.99	18.99	17.09


**PARTS RETRIEVER**



• 3 prong

STOCK#	DESCRIPTION	1-9	10-24	25+
PR3	Parts Retriever	1.59	1.51	1.36

**SAFETY GOGGLES**




- Contours to head
- Soft vinyl frame
- Ventilated
- Safety approved

STOCK#	DESCRIPTION	1-9	10-24	25+
ST20	Safety Goggles	2.99	2.84	2.56

Order by phone 9-5 EST  
 Order by fax anytime  
 Order on the web 24/7

**ELECTRONIC TOOL KIT**



New in the electronics field. A professional organizer tool kit at affordable prices. No student should be without this unique tool kit that holds all of the tools you need. Contains:

- Deluxe soldering iron
- Soldering iron stand
- Wire stripper
- Solder ease kit
- 3 piece nut driver
- Slotted screwdriver
- IC extractor
- Safety goggles

• Tube of 60/40 solder

• Long nose pliers

• Diagonal Cutter

• Precision screwdriver set


• #1 phillips screwdriver

• Desoldering pump

• Solder wick

STOCK#	DESCRIPTION	1-9	10-24	25+
TK1000	Electronic Tool Kit	49.99	47.49	42.74


**DELUXE WIRE STRIPPER**



- Knife type blades
- Wire cutter
- Return spring
- Cushion grip
- AWG 16-30

STOCK#	DESCRIPTION	1-9	10-24	25+
ST30	Deluxe Wire Stripper	8.49	8.07	7.26


**DIAGONAL CUTTER**



- Return spring
- Cushion grip
- 4 1/2" long

STOCK#	DESCRIPTION	1-9	10-24	25+
ST1	Diagonal Cutter	3.99	3.79	3.41

**WIRE STRIPPER**



- Return spring
- Cushion grip
- Adjustable


STOCK#	DESCRIPTION	1-9	10-24	25+
ST3	Wire Strippers	3.99	3.79	3.41

\*DISCONTINUED - STOCK CONDITIONS MAY VARY

## TOOLS

**I.C. TEST CLIPS**


- Make temporary connections to DIP components
- Spring-loaded hinge provides positive contact
- Deep, narrow construction for densely populated circuit areas
- Bring crucial DIP pin contacts high above crowded board level
- Notched cont. prevent slipping
- Short-proof operation



STOCK#	DESCRIPTION	1-9	10-24	25+
TC20	20 Pin (18-20 Pin IC's)	6.99	6.64	5.98
TC24	24 Pin (24 Pin IC's)	6.99	6.64	5.98
TC28	28 Pin (28 Pin IC's)	8.99	8.54	7.69
TC40	40 Pin (32-40 Pin IC's)	10.99	10.44	9.40

**SCREWDRIVER**


- 6"
- 3/16" slot



STOCK#	DESCRIPTION	1-9	10-24	25+
ST5	Screwdriver	1.29	1.23	1.11

**I.C. INSERTER**


- 14/16 pin



STOCK#	DESCRIPTION	1-9	10-24	25+
ET14	I.C. Inserter	3.29	3.13	2.99

**SCREWDRIVER**

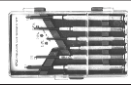
- 6"
- # 1 phillips



STOCK#	DESCRIPTION	1-9	10-24	25+
ST6	Screwdriver	1.29	1.23	1.11

**6 PIECE PRECISION SCREWDRIVER SET**


- Plastic case



STOCK#	DESCRIPTION	1-9	10-24	25+
TL8	Prec. Screwdriver Set	2.99	2.84	2.56

**LONG NOSE PLIERS**

- Return spring
- Cushion grip with side cutter
- 5" long



STOCK#	DESCRIPTION	1-9	10-24	25+
ST2	Long nose pliers	3.99	3.79	3.41

**CRIMPING TOOL**

For use with RG-59 & RG-6 connectors



STOCK#	DESCRIPTION	1-9	10-24	25+
ST50	Crimping Tool	24.99	23.74	21.37

**COAX CABLE STRIPPER**

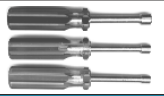
Strips RG-58U, RG-59U, & RG-6 cable. Hex key attached for adjusting blades. 3 blade with cutter cable.



STOCK#	DESCRIPTION	1-9	10-24	25+
ST35	Coax Stripper	16.49	15.67	14.10

**3 PIECE NUT DRIVER SET**

- 5/16"
- 1/4"
- 3/16"



STOCK#	DESCRIPTION	1-9	10-24	25+
ND3	Nut Driver Set	3.99	3.79	3.41

**ANTI-STATIC WRIST STRAP**


Protect IC's and other equipment from static discharge.



STOCK#	DESCRIPTION	1-9	10-24	25+
WS1	Anti-Static Wrist Strap	6.49	6.17	5.55

**INSULATED TWEEZERS**


- 5.75" long



STOCK#	DESCRIPTION	1-9	10-24	25+
ST17	Insulated Tweezers	2.49	2.37	2.13

**CROSSOVER TWEEZERS**

- 6.5" long
- Pointed tip




STOCK#	DESCRIPTION	1-9	10-24	25+
ST16	Crossover Tweezers	2.49	2.37	2.13

## FIBER OPTICS

**OPTICAL VOICE LINK KIT**


The optical voice is an introduction to the marvels, mysteries, and science of light transmission in optical fiber. You will hear your own voice, for example, after it has been converted into light and then coupled into, through, and out of an optical fiber. No prior experience is needed to use or build this kit to operation level. Experience and knowledge will be gained by working with the many components including the acoustic microphone, analog fiber optic transmitter and receiver, and the fiber cable interfaces. The optical voice link requires no additional components and can be extended up to 200'. Kit includes: printed wiring boards, switches, electronics, microphone, 8 speaker, 10' of plastic fiber cable, tutorial guide, and step-by-step assembly instructions. No special tools or training necessary. IFOLV10A is an assembled version of the kit.



STOCK#	DESCRIPTION	1-9	10-24	25+
IFOLV10*	Optical Voice Link Kit	49.99	47.49	42.74
IFOLV10A*	Optical Voice Link Kit (Assembled)	89.99	85.49	76.94

**FIBER OPTIC EDUCATIONAL KIT**

All the necessary components to build a complete TTL/CMOS compatible data transmission system are included: photo-transistor, fiber optic connectors, printed wiring boards, polishing film, electronic components and 1 meter of optical fiber. Complete assembly instructions, theory of operation and experimental exercises are also included.



STOCK#	DESCRIPTION	1-9	10-24	25+
IFE22*	Fiber Optic Educational Kit	17.99	17.09	15.38


**PLASTIC FIBER OPTIC TOOL KIT**

A tool kit exclusively for use with the 1000 plastic fiber. It contains a no-nick fiber stripper, hot-knife cutting tool, termination fixture, and a handy carrying case. The "hot-knife" and termination fixture aids in cutting fiber and making the AMP, dry no-polish connectors. With this kit, there will be no more nicked or damaged fibers from using regular wire strippers.

STOCK#	DESCRIPTION	1-9	10-24	25+
IFTK1*	Plastic Fiber Tool Kit	89.99	85.49	76.94

**FIBER OPTIC PROJECT KIT**

A complete kit that combines all the materials necessary to understand the theory of fiber optics. The kit contains a 224 page book on the principles of fiber optics, plus all the components to complete the 8 experiments and 5 projects included in the text. Some of the included lessons are "getting acquainted with a light pipe", "LED driven fiber optic systems", "AM fiber optic receiver" and "fiber optic light pen cable". All instructions are written in an easy-to-understand style. The kit is an easy way to learn about fiber optics and gain valuable hands-on experience. It is suitable for classrooms, on-the-job training, science projects and experimenters. Upon completion, several useful products will have been constructed, such as a digital data link and a light pen.



STOCK#	DESCRIPTION	1-9	10-24	25+
IFE33*	Fiber Optic Project Kit	49.99	47.49	42.74


**FIBER OPTIC EXPERIMENTERS KIT**

Our least expensive kit for designing experiments, science projects, and short distance optical isolation applications. It contains 1 meter of plastic optical fiber, matched LED and photodetector, fiber optic connectors, and instructions with design information and application hints. An ideal kit for the beginning hobbyist, experimenter, or student.

STOCK#	DESCRIPTION	1-9	10-24	25+
IFE10*	Fiber Optic Experimenters Kit	7.99	7.59	6.83

**INTERMEDIATE FIBER OPTICS COURSE**

A curriculum for industrial arts, vocational schools and universities in fiber optics 10 to 15 weeks long. A pre-requisite of basic understanding of electronics and mathematics is suggested. Course includes a text for classroom or lecture, lab manual for student experiments, and lab kit with all required components. The classroom text has 3 parts. Part 1 puts fiber optics into perspective as a transmission medium and describes its advantages over other media. Part 2 examines fiber sources, detectors and connectors because of the significant difference between them and their electronic counterparts. Part 3 explains how fiber optic systems are put together. It covers link system design, installation, special fiber optic hardware, applications and equipment. Instructor's edition contains an answer guide, 12 demonstration pieces and regular curriculum.



STOCK#	DESCRIPTION	1-9	10-24	25+
IFSC10*	Intermediate Fiber Optics Course	69.99	66.49	59.84

\*DISCONTINUED - STOCK CONDITIONS MAY VARY

# UNICORN ELECTRONICS

## MISCELLANEOUS

**DC BATTERY CHARGER**

- Input- 120 VAC
- Output- 6 VDC @ 400mA
- 6 foot cord
- Mfg. name removed

STOCK#	DESCRIPTION	1-24	25-99	100+
CH1001	DC Battery Charger	1.99	1.89	1.70

**CHOKE**

- Wire wound
- .187 dia. x .500 L
- 10  $\mu$ h @ 1.5 A

STOCK#	DESCRIPTION	1-24	25-99	100+
SB1065*	10 $\mu$ h Choke	.12	.11	.10

**PEAKING COIL**

- TDK # H301CLR391
- 390  $\mu$ h
- .375" diameter

STOCK#	DESCRIPTION	1-24	25-99	100+
SB1037*	Peaking Coil	.15	.14	.13

**TRIMMING CAPACITOR**

- 1 - 3 pf
- Piston type
- .125" dia. x .562" L

STOCK#	DESCRIPTION	1-24	25-99	100+
SB1028*	1 - 3 pf Trimming Capacitor	.29	.28	.25

**MUFFIN FAN**

- 115 V
- 25 CFM
- UL approved
- 3.15" square

STOCK#	DESCRIPTION	1-24	25-99	100+
FA1002	25 CFM Muffin Fan	8.99	8.54	7.69

**LOW INSERTION FORCE SOCKET**

- Mfg. by Burndy
- Low profile
- Black plastic

STOCK#	DESCRIPTION	1-24	25-99	100+
SB1029*	40 Pin Low Ins. Force Skt.	.69	.66	.59
SB1041*	64 Pin Low Ins. Force Skt.	.89	.85	.77

**PHOTO TRANSISTOR**

- Sharp # PT 1410
- No spec. sheet available

STOCK#	DESCRIPTION	1-24	25-99	100+
SB1030*	Photo Transistor	.19	.18	.16

## MULTIMETERS

**DIGITAL MULTIMETER**

- 3 1/2 digit LCD
- Low battery display
- Floating decimal point
- Frequency counter
- AC & DC current (600 volts)
- Transistor tester
- Resistance test
- Low ohm continuity beeper
- Recessed input jacks reduces shock hazard
- Over range indicator (OL & -OL)
- Diode test function allows testing of semi conductor junctions
- Capacitance test sockets
- 3.5" W x 7.5" L x 1.4" D

STOCK#	DESCRIPTION	1-9	10-24	25+
M1700	Digital Multimeter	54.99	52.24	47.02

**DIGITAL MULTIMETER**

- Extra large 1" display
- Temperature to 1999 $^{\circ}$
- Diode test
- Capacitance to 20 $\mu$ f
- Transistor test
- Audible continuity test
- Temperature probe included
- 3.5" W x 7.5" L x 1.4" D
- Inc. test leads, manual, 9V battery

STOCK#	DESCRIPTION	1-9	10-24	25+
M2780	Digital Multimeter	59.99	56.99	51.29

**DIGITAL MULTIMETER**

- Extra large 1" display
- Frequency to 20 Mhz
- Diode test
- Capacitance to 20 $\mu$ f
- Transistor test
- Audible continuity test
- AC/DC current to 20 A
- 3.5" W x 7.5" L x 1.4" D
- Inc. test leads, manual, 9V bat.

STOCK#	DESCRIPTION	1-9	10-24	25+
M2770	Digital Multimeter	59.99	56.99	51.29

**DIGITAL MULTIMETER**

- Extra large 1" display
- Overload protection
- Diode test
- Capacitance to 20 $\mu$ f
- Transistor test
- Audible continuity test
- AC/DC current to 20 A
- 3.5" W x 7.5" L x 1.4" D
- Inc. test leads, manual, 9V battery

STOCK#	DESCRIPTION	1-9	10-24	25+
M2760	Digital Multimeter	49.99	47.49	42.74

**DIGITAL MULTIMETER**

- Extra large 1" display
- Diode test
- Transistor test
- Audible continuity test
- AC/DC current to 20 A
- 3.3" W x 7.3" L x 1.3" D
- Case included
- Inc. test leads, manual, 9V battery

STOCK#	DESCRIPTION	1-9	10-24	25+
M3900	Digital Multimeter	31.99	30.39	27.35

## SPECIAL BUYS & CLOSEOUTS

**TRIMMING CAPACITOR**

- 0.1 - 8 pf
- Piston type
- .187" dia. x 1.0" L

STOCK#	DESCRIPTION	1-24	25-99	100+
SB1011*	0.1 - 8 pf	.29	.28	.25

**MOMENTARY SWITCH**

- DPST
- Right-angle leads
- .25" x .375" mount.

STOCK#	DESCRIPTION	1-24	25-99	100+
SB1071*	Switch	.29	.28	.25

**RESISTOR NETWORK**

- 14 pin DIP
- 470  $\Omega$
- 7 resistor

STOCK#	DESCRIPTION	1-24	25-99	100+
SB1055*	Resistor Net.	.15	.14	.13

**LEAF SWITCH**

- 4 amp
- N.O.

STOCK#	DESCRIPTION	1-24	25-99	100+
SB1059*	Leaf Switch	.19	.18	.16

**TRIMPOT**

- 1 meg  $\Omega$
- Stackpole mini pot

STOCK#	DESCRIPTION	1-24	25-99	100+
SB1060*	Trim Pot	.15	.14	.13

**TRIMPOT**

- 10K  $\Omega$
- Vertical mount

STOCK#	DESCRIPTION	1-24	25-99	100+
SB1062*	Trim Pot	.15	.14	.13

**RF MODULATOR**

- Mfg. for Coleco
- No specs. available
- 2" X 2.75"

STOCK#	DESCRIPTION	1-24	25-99	100+
SB1174*	RF Modulator	1.49	1.42	1.28

**RESISTOR NETWORK**

- 8 pin SIPP
- 33  $\Omega$

STOCK#	DESCRIPTION	1-24	25-99	100+
SB1023*	Resistor Net.	.15	.14	.13

\*DISCONTINUED - STOCK CONDITIONS MAY VARY



# ORDER FORM

1142 State Route 18, Aliquippa, Pa.

15001

• Order: 1-800-824-3432

• International: 724-495-1230

1

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2

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3

Ship to (if different):

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Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Country \_\_\_\_\_

Daytime Phone (\_\_\_\_) \_\_\_\_\_

Company \_\_\_\_\_

Name \_\_\_\_\_

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Net 30 days (Must be previously approved) Purchase Order # \_\_\_\_\_

M/C  American Express  Visa  Discover

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Exp. \_\_\_\_\_

Stock No.	Qty.	Part No.	Description	Unit Price	Total
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2					
3					
4					
5					
6					
7					
8					
9					
10					

6

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Shipping Instructions:

Ground (7-10 Days)

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Thank you for your order !

Item No.	Qty.	Part No.	Description	Unit Price	Total
11					
12					
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Sub-Total					

## CHEMICALS

**ELECTRO-WASH 2000**

Penetrates deeply for complete and efficient cleaning of all soil and flux types with no brushing required. Fast drying, most compatible cleaning agent in the electronics industry. Ultra-low surface tension and high purity make it ideal for cleaning precision components.

- CFC free
- 18 oz. aerosol can

STOCK#	DESCRIPTION	1-9	10-24	25+
ES2201	Electro-Wash 2000	19.99	18.99	17.09

**FLUX-OFF 2000**

The fastest drying flux remover specifically designed for no clean and all rosin type flux. Quick evaporation and ultra low surface tension make it perfect for fast repair and rework. Penetrates tight clearance areas. Compatible with most surfaces.

- CFC free
- 10 oz. aerosol can

STOCK#	DESCRIPTION	1-9	10-24	25+
ES1035	Flux-Off 2000	19.99	18.99	17.09

**ULTRAJET 2000**


Delivers powerful 82 psi jet blasts for cleaning critical electronic systems. Quickly and safely removes dust, lint and oxide particles from every kind of electronic equipment, optical surfaces, photographic apparatus and precision instruments.

- CFC free
- 10 oz. aerosol can

STOCK#	DESCRIPTION	1-9	10-24	25+
ES1020	Ultrajet 2000	14.99	14.24	12.82

## BOOKS

**LASER COOKBOOK**




88 practical, inexpensive laser based projects that span a wide range of practical uses. Geared toward the garage-shop tinkerer on a limited budget, this book gives you the opportunity to learn first-hand about this evolving science. Many of the topics covered are ideal for science fair projects as well as teaching tools for anyone interested in learning how lasers work and what they can do.

- By Gordon McComb
- Soft cover
- 416 pages with 365 illustrations.

STOCK#	DESCRIPTION	1-9	10-24	25+
TB3090	Laser Cookbook	24.99	23.74	21.37

**ROBOT BUILDERS BONANZA**




Where others might only see useless surplus parts, you can imagine a new "life form". Now, there's a book that will help you make your ideas and dreams a reality. With the help of this book, you can truly express your creativity. This fascinating guide offers you a complete, unique collection of tested and proven product modules that you can mix and match to create an almost endless variety of highly intelligent and workable robot creatures.

- By Gordon McComb
- Soft cover
- 336 pages with 283 illustrations

STOCK#	DESCRIPTION	1-9	10-24	25+
TB2800	Robot Builders Bonanza	24.99	23.74	21.37

**GADGETEER'S GOLDMINE**




This exciting collection of electronic projects features experiments ranging from magnetic levitation and lasers to high-tech surveillance and digital communications. You'll find instructions for building such useful items as a fiber optic communications link, a geiger counter, a laser alarm system, and more. Suggested alternative approaches, parts lists, and sources are also provided.

- By Gordon McComb
- Soft cover
- 432 pages with 274 illustrations

STOCK#	DESCRIPTION	1-9	10-24	25+
TB3360	Gadgeteer's Goldmine	24.99	23.74	21.37

**UNDERSTANDING FIBER OPTICS**




Those interested in fiber optic technology will find this easy-to-read tutorial the answer to many questions. Components, concepts, systems, and principles are explained in a way that is easy to follow and use. Includes discussions of applications in telephones, LAN's, and video, plus coverage of transmitters, receivers, and call couplers.

- By Jeff Hecht
- Soft cover
- 456 pages

STOCK#	DESCRIPTION	1-9	10-24	25+
27066	Under. Fiber Optics	26.99	25.64	23.08

**ACTIVE-FILTER COOKBOOK**



This guide offers a catalog of pre-designed filters for those who need them but don't have the time to design them. This book encourages users to adapt these designs for specific needs. Also teaches how to construct high-pass, low-pass, and band-pass filters using Bessel, Chebyshev, or Butterworth response.

- By Don Lancaster
- Soft cover
- 240 pages

STOCK#	DESCRIPTION	1-9	10-24	25+
21168*	Active-Fil. Cookbook	26.99	25.64	23.08

\*DISCONTINUED - STOCK CONDITIONS MAY VARY



UNICORN ELECTRONICS

1142 State Route 18

Aliquippa, Pa. 15001

Phone (724) 495-1230

FAX (724) 495-7882

Order Toll Free (800) 824-3432

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