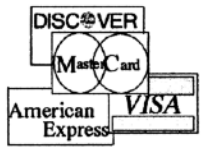


# Anchor Electronics

(408) 727-3693 • fax 408-727-4424

HOURS: Monday thru Friday 7:30 - 4pm



May 2024

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shop online...



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## Thru-Hole INDEX

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come in and browse...

[www.anchor-electronics.com](http://www.anchor-electronics.com)

2040 Walsh Ave., Santa Clara, CA 95050



# SMT CAPACITORS



## CERAMIC

0201 0402 0603 0805 1206 1210 1812

**VALUES STOCKED**

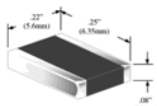
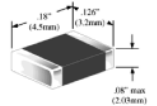
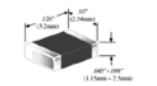
<b>0201</b>	0.5 PFD	5	22	82	1000	.01µFD				
	1	10	33	100	1200	.015	1.0 µFD			
	2.2	12	47	220	1500	.022				
	3	15	56	270	2200	.033				
4	18	68	470	6800	.1					
<b>0402</b>	1.6 PF	12	39	150	390	.0022	.033	.33	10 µFD	
	2.2	15	47	180	470	.0033	.047	.47		
	5	22	82	220	680	.0047	.068	1.0 µFD		
	6.8	27	100	270	.001µfd	.01	.1	2.2 µFD	0402s	
	10	33	120	330	.0015	.022	.22	4.7 µFD	10pcs. minimum	
<b>0603</b>	1 PFD	5.6	20	100	330	1000	4700	.027	.22	
	1.8	6	22	120	390	1200	6800	.033	.33	10 µfd
	2.7	8.2	27	150	470	1500	8200	.039	.47	22µfd
	3.3	10	33	180	560	1800	.01µF	.047	.68	
	3.9	12	47	220	680	2200	.012	.082	1 µfd	
	4.7	15	68	270	750	2700	.015	.1	2.2µfd	
5	18	82	300	820	3300	.022	.15	4.7 µfd		
<b>0805</b>	1 PFD	5.6	20	47	120	390	1200	4700	.056	.47µFD
	1.8	6.8	22	51	150	470	1500	6800	.068	1.0µFD
	2	8.2	24	56	180	560	1800	.01 µFD	.082	2.2µFD
	2.2	10	27	68	200	680	2200	.022	.1	3.3µfd
	2.7	12	30	75	220	750	2700	.027	.22	4.7µfd
	3.3	15	33	82	270	820	3300	.033	.33	10 µfd
4.7	18	39	100	330	1000	3900	.047	.39	22 µfd	
<b>1206</b>	.5 PFD	27	130	510	3300	.039	.33			
	1	33	150	560	3900	.047	.47			
	2.7	39	200	680	4700	.056	1µF			
	4.7	47	220	820	.01MF	.068	1.5 µFD			
	10	56	270	1000	.015	.082	2.2 µFD			
	12	68	330	1500	.018	.1	3.3 µFD			
	15	75	390	2000	.022	.15	4.7 µFD			
	20	100	430	2200	.027	.22	10 µFD			
	22	120	470	2700	.033	.27				

### PRICING;

	1	25	50	100	250	1K	REEL
1 PF - .001 µF	.16	.14	.12	.09	.07	.06	.03
.0012 - .0082	.17	.15	.13	.11	.09	.07	.04
.01 µF	.15	.13	.11	.09	.07	.06	.025
.012 - .082 µF	.19	.17	.15	.13	.11	.09	.04
.1 & .15 µF	.15	.13	.11	.09	.07	.06	.025
.22 - .68 µF	.22	.19	.16	.13	.11	.09	.045
1 - 3.3 µF	.23	.14	---	.11	---	---	---
4.7 µF	.28	.19	---	.15	.11	---	---
10 µF	.32	.29	.19	.13	---	---	---
22 µF	.48	.41	.36	.28	---	---	---
47 µF	.79	---	.55	---	.49	---	---

### high voltage and/or odd-SIZED Ceramic

10 pf	1206	500V	COG	5%	5/\$1
10 pf	1206	630V	NPO	5%	5/\$1
22 pf	1210	50V	COG	5%	20/\$1
33 pf	1812	2kV		10%	2/\$1
56 pf	0504				50/\$1
100 pf	1812	1kV	COG	5%	2/\$1
150 pf	1206	500V	COG	5%	5/\$1
470 pf	1808	3kV			20/\$1
680 pf	1812	1kV	X7R	10%	2/\$1
750 pf	0805	100V		5%	20/\$1
1000 pf	1812	2kV	X7R	10%	12/\$1
2200 pf	1812	250VAC	X7R		5/\$1
4700 pf	2220	250VAC	X7R		5/\$4.45
4700 pf	1812	50V	COG		6/\$1.02
.082 µf	1210	100V			5/95c
0.01 µf	1812	1kV	X7R	10%	2/\$1
0.022 µf	1812	1kV	X7R	10%	2/\$1
0.1 µf	1210	100V	X7R		5/\$1
0.1 µf	1210	200V	X7R		3/\$1
0.1 µf	1812	500V		10%	2/\$1
0.1 µf	2225	1kV	X7R	20%	\$1.00
0.22 µf	1210	50V	X7R		4/\$1
0.33 µf	1210	50V	X7R		4/\$1
0.47 µf	1210	50V	X7R		4/\$1
0.47 µf	1812	50V	X7R	10%	2/\$1
1 µf	1210	25V			4/\$1.08
1 µf	1812	50V			4/\$1.08
1 µf	1812	50V	X7R	10%	2/\$1
1 µf	1825	50V			4/\$1.08
1.5 µf	1825	50V			4/\$1.08
2.2 µf	1210	16V			20/\$1
6.8 µf	0805	16V			12/\$2.95
10 µf	1210	16V			6/\$1
22 µf	1210	10V	Y5V		2/\$1
33 µf	1812	16V			\$1.95
47 µf	1210	6.3V			75c



### ALUMINUM

CASE(mm)	1	50	100	CASE(mm)	1	50	100
1µFD 50V (4x6)	.18	.14	.11	68/25 (8x8)	.29	.25	.21
2.2/50 (4.3x5.4)	.18	.14	.11	100/6 (6.6x5.4)	.16	.13	.10
3.3/50 (4.3x5.4)	.18	.14	.11	100/25 (6.3x7.7)	.28	.24	.20
4.7/25 (4.3x5.4)	.18	.14	.11	100/35 (10x10)	.34	.27	.23
10/16 (3x5.4)	.20	.16	.13	220/6.3 (6.3x5.4)	.29	.25	.21
10/50 (6.3x6.3)	.23	.19	.15	220/10 (8.3x10.2)	.32	.28	.22
22/25 (6.6x5.4)	.22	.18	.14	330/6.3 (6.3 x 7.7)	.32	.28	.22
22/35 (6.3x5.3)	.25	.21	.17	470/10 (10x10)	.39	.34	.31
33/25 (6.3x6)	.25	.21	.17	1000/10 (10x10.2)	.45	.36	.32
47/25 (6.3x5.3)	.22	.18	.14	1500/6.3 (10x10)	.52	.48	.39
47/35 (6.3x5.3)	.29	.25	.21				

### TANTALUM

µFD/VOLT/CASE/	1	50	100	µFD/VOLT/CASE/	1	50	100
.1 / 35 A	.16	.12	.09	15 / 16 C	.48	.39	.29
.47/25 A	.16	.12	.09	15 / 25 D	.49	.40	.30
.68 / 20 A	.16	.12	.09	22 / 6.3 A	.28	.23	.19
1 / 16 A	.18	.15	.12	22 / 10 C	.41	.33	.26
1 / 20 A	.20	.17	.14	22 / 16 B	.46	.37	.31
1 / 35 A	.28	.23	.19	22 / 20 C	.46	.37	.31
1 / 35 B	.25	.21	.17	22 / 20 D	.46	.37	.31
2.2 / 16 A	.20	.17	.14	22 / 35 D	.54	.46	.39
2.2 / 20 B	.25	.21	.18	33 / 6 B	.32	.28	.23
3.3 / 16 A	.19	.16	.13	33 / 10 C	.46	.37	.31
3.3 / 16 B	.17	.13	.10	33 / 16 D	.46	.37	.31
3.3 / 20 B	.21	.18	.15	33 / 20 D	.48	.39	.33
4.7 / 10 A or B	.21	.18	.15	33 / 25 D	.46	.37	.31
4.7 / 16 B	.21	.18	.15	47 / 6 B	.42	.35	.27
4.7 / 20 A	.25	.21	.17	47 / 16 C	.61	.52	.44
4.7 / 20 B	.25	.21	.17	47 / 20 D	.65	.57	.48
4.7 / 35 C	.38	.31	.26	68 / 10 C	.75	.65	.55
4.7 / 35 D	.36	.30	.22	100 / 6.3 B	.46	.37	.31
6.8 / 10 A	.18	.15	.12	100 / 10 C	.51	.47	.41
6.8 / 50 D	.41	.35	.27	100 / 10 D	.81	.74	.66
10 / 6.3 A	.15	.12	.09	100 / 20 E	.95	.88	.76
10 / 10 A	.18	.15	.12	150 / 10 D or E	1.09	.99	.91
10 / 16 C	.19	.17	.15	220 / 10 D	1.09	.99	.91
10 / 20 B	.21	.18	.15	330 / 6 D	1.31	1.19	.99
10 / 25 C	.38	.33	.29	330 / 10 D	1.39	1.25	1.11
10 / 35 D	.43	.38	.30	470 / 6.3 D	1.45	1.25	1.10
15 / 10 A	.28	.23	.19				

### SMT TRIMMER CAPS

4x4.5mm	1.4 - 3 PFD	55c
	3 - 10 PFD	60c
	4.5 - 20 PFD	75c

### from our website SHOP...

HOME / TEST POINTS

#### SMT Test Points (bulk)

★★★★☆

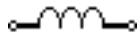
**\$25.00 - \$30.00**

• 100 pieces

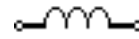
These test points are designed to facilitate the connection of test probes to PCBs which are primarily surface mount in design.

footprint





# SMT INDUCTORS



μH	size	Q	DCR	\$	μH	size	Q	DCR	\$	μH	size	Q	DCR	\$			
.0022	0805	13	300mA	.1Ω	.25	.56	1206	25	150mA	.7Ω	.28	10	1008	25	80mA	.37Ω	.30
.0027	0805	12	300mA	.1Ω	.25	.56	1008			.26	10	1210	30	150mA	2.1Ω	.30	
.0047	0805	10	550mA		.25	.56	1210	30	450mA	.55Ω	.30	10	1812	50	380mA	1.6Ω	.35
.0047	0805	43	750mA	.1Ω	.25	.56	1812			.35	10	1812	35	400mA	.56Ω	.35	
.0068	0805	43	750mA	.11Ω	.25	.68	1206	25	150mA	.18Ω	.28	12	1210	30	140mA	2.5Ω	.30
.0082	0805	15	300mA	.28Ω	.25	.68	1008	30	300mA	.86Ω	.26	15	1210	30	130mA	2.8Ω	.30
.01	0603	38		.071Ω	.20	.68	1210	30	410mA	.35Ω	.30	18	1812	50	290mA	2.8Ω	.35
.01	1008	50	1A	.08Ω	.30	.68	1210	30	450mA	.6Ω	.30	22	1206	35	5mA	.9Ω	.28
.01	1210	15	450mA	.13Ω	.30	.82	0805	30	150mA	.6Ω	.25	22	1210	30	73.3mA	4.03Ω	.30
.012	0603	25	250mA	1Ω	.20	.82	1206			.28	27	1210	30	68.3mA	4.55Ω	.30	
.012	0805	16	300mA	.35Ω	.25	.82	1008	10	100mA	2.1Ω	.26	27	1210	30	80mA	5Ω	.30
.015	0402	8	300mA	.31Ω	.15	.82	1008	45	400mA	1.61Ω	.26	33	1206	35	5mA	1.05Ω	.28
.015	0805	50	600mA	.17Ω	.25	.82	1210	30	450mA	.65Ω	.30	33	1210	30	70mA	5.6Ω	.30
.022	1008				.26	1.0	1206	45	100mA	.4Ω	.28	33	1812	50	200mA	4Ω	.35
.022	1210	23	450mA	.2Ω	.30	1.0	1210	30	400mA	.7Ω	.28	39	1210	30	56.7mA	5.59Ω	.30
.027	1008	55		.13Ω	.32	1.5	0805	45	80mA	.4Ω	.25	39	1210	30	65mA	6.4Ω	.30
.033	0805	18	300mA	.6Ω	.25	1.5	1008			.28	39	1812	10	150mA	4.5Ω	.35	
.033	1210	25	450mA	.24Ω	.30	1.5	1210	30	370mA	.85Ω	.30	39	1812	50	165mA	3.6Ω	.35
.039	1210	25	450mA	.27Ω	.30	1.5	1812	50	500mA	.6Ω	.35	39	1812	50	180mA	4.5Ω	.35
.056	1210	26	450mA	.33Ω	.30	1.8	1210	30	350mA	.9Ω	.30	47	1210	30	60mA	7Ω	.30
.068	0805	19	300mA	.8Ω	.25	1.8	1812	50	490mA	.65Ω	.35	47	1812	42	200mA	5Ω	.35
.082	1210	27	450mA	.4Ω	.30	2.0	1210			.30	56	1210	30	55mA	8Ω	.30	
.10	1210	30	1.02A	.2Ω	.30	2.2	1206	45	50mA	.6Ω	.28	56	1210	30	43.3mA	9.1Ω	.30
.12	1210	30	450mA	.22Ω	.30	2.2	1210	30	300mA	.67Ω	.30	68	1210	30	50mA	9Ω	.30
.15	0805	50	400mA	.56Ω	.25	2.2	1210	30	320mA	1Ω	.30	68	1210	30	42.5mA	13.4Ω	.30
.15	1210	30	450mA	.25Ω	.30	2.7	1812	50	370mA	.75Ω	.35	82	1210	30	45mA	10Ω	.30
.18	1008	45	620mA	.77Ω	.26	3.3	1206	45	50mA	.07Ω	.28	100	1812	20	180mA	4Ω	.35
.18	1210	30	450mA	.28Ω	.30	3.3	1206	45	60mA	.7Ω	.28	100	1812	40	110mA	8Ω	.35
.22	0805	50	400mA	.7Ω	.25	3.3	1210	13	100mA	4.2Ω	.30	120	1210	20	75mA	7Ω	.30
.22	1008	30	430mA	.5Ω	.26	3.3	1210	30	175mA	.78Ω	.30	120	1812	40	110mA	8Ω	.38
.22	1008	45	500mA	.84Ω	.26	3.3	1812	50	460mA	.8Ω	.35	150	1210	20	65mA	15Ω	.40
.22	1210	30	450mA	.32Ω	.30	3.9	1210	30	250mA	1.3Ω	.30	150	1812	40	105mA	9Ω	.45
.27	1206	20	250mA	.5Ω	.28	4.7	1008	45	470mA	1.19Ω	.26	180	1210	20	60mA	17Ω	.40
.27	1008	45	500mA	.91Ω	.26	4.7	1210	30	160mA	.94Ω	.30	180	1812	40	102mA	9.5Ω	.45
.33	1008	30	400mA	.6Ω	.26	4.7	1210	30	220mA	1.5Ω	.30	220	1210	20	50mA	21Ω	.30
.33	1008	45	450mA	1.05Ω	.26	4.7	1210	30	220mA	1.7Ω	.30	220	1210	20	80mA	8.4Ω	.30
.33	1210	30	450mA	.4Ω	.30	5.6	1210	30	127mA	1.43Ω	.30	220	1812	10	100mA	10Ω	.45
.39	1210	30	450mA	.45Ω	.30	5.6	1210	30	230mA	5.1Ω	.30	220	1812	40	100mA	10Ω	.45
.47	0805	25	200mA	.57Ω	.25	6.8	1008	25	165mA	2.7Ω	.26	470	1812	40	62mA	26Ω	.45
.47	1008				.26	6.8	1210			.30	470	1812	30	62mA	26Ω	.45	
.47	1206				.28	8.2	1008			.26	470	1812	40	91mA	24Ω	.55	
.47	1210	30	450mA	.5Ω	.30	8.2	1210	30	170mA	2Ω	.30	1000	1812	30	30mA	40Ω	.60
.47	1210	30	460mA	.29Ω	.30	8.2	1812	47	200mA	7Ω	.35	1000	1812	30	40mA	40Ω	.65
.56	0805	25	150mA	.55Ω	.25	8.2	1812	50	410mA	1.4Ω	.35						

# SMT SWITCHES

Toggle;



**SPDT** C&K GT12 85c  
0.4VA @ 20V, vertical, bat, sealed

Pushbutton, (normally open);

SPST



Alps SKHUBB 3/\$1  
50mA @ 12VDC, 6 x 6 mm



Alps SKQGA 3/\$1  
50mA @ 12VDC, 5.2 x 5.2mm



ITT Cannon KSC221  
0.05A @ 50V, 6.2mm x 6.2mm  
ultra-low profile 4/\$1

C&K EP11SD1S

0.04VA @ 20V  
R/A, sealed 95c



DIP switches SPST;

4-position  
C&K BPA04



100mA @ 5VDC 85c

4-position  
C&K SD04



100mA @ 5VDC 85c

8-position  
Grayhill 90HB



100mA @ 6VDC \$1.25

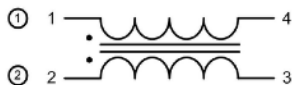
10-position  
CTS 219-10



100mA @ 5VDC \$1.40

# SMT POWER INDUCTORS

μH	L x W (mm)	DCR	peak	\$	comments	μH	L x W (mm)	DCR	peak	\$	comments
2.2	5.8 x 5.8	.0359Ω	2.9A	3/\$1	shielded, ferrite core, P/N; CDRH5D16NP	18	---	---	---	3/\$1	
2.2	7.6 x 7.6	.0165Ω	5.5A	3/\$1	shielded, ferrite core, P/N; DR73-2R2-R	22	4 x 4	.225Ω	1A	3/\$1	shielded; P/N NPIS43LS220MTRF
2.7	---	---	---	3/\$1		22	7.8 x 7	.11Ω	1.5A	3/\$1	P/N; CR75-220KC
3.3	12.95 x 9.4	.015Ω	6.4A	2/\$1.50	P/N; DO3316P-332	47	7.8 x 7	.18Ω	1.1A	3/\$1	P/N; PM75-470K
3.3	22.35 x 16.26	.0086Ω	17A	2/\$1.50	shielded, P/N; DO5022P-332HCB	47	12.95 x 9.4	.14Ω	1.6A	2/\$1.50	P/N; DO3316P-473
4.7	13.97 x 10.41	.0165Ω	5.5A	2/\$1.50	ferrite core, P/N; UP2B-4R7	56	5.8 x 5.2	.42Ω	.68A	3/\$1	ferrite core, P/N; CD54-560KC
4.7	18.8 x 18.8	.0083Ω	10.4A	\$1	P/N; PE-53682	68	12.5 x 12.5	.14Ω	2.1A	2/\$1	shielded; P/N NPIS27H680LTRE
5.6	18.03 x 15.24	.02Ω	13.8A	2/\$1.50	P/N; DO5022P-562	100	6.1 x 5.6	.7Ω	.52A	3/\$1	P/N; CR54-101
6	7 x 7	.035Ω	2.25A	3/\$1	shielded, ferrite core, P/N; CDRH6D28-6R0	100	10 x 9.8	.209Ω	1.3A	2/\$1	P/N; NR10050T101M
10	5.6 x 5 (2220)	.168Ω	1A	3/\$1	P/N; 495-1783-2	150	9.4 x 5.21	.4Ω	1A	2/\$1	ferrite core, P/N; DO3316P-154MLB
9.4	11.18 x 8.64	.0434Ω	2.8A	2/\$1	P/N; PE-53631	150	18.03 x 15.24	.25Ω	2.8A	2/\$1.50	P/N; DO5022P-154
10	5.8 X 5.2	.1Ω	1.44A	3/\$1	ferrite core, P/N; CD54-100MC	220	10.5 x 10.3	.377Ω	1A	2/\$1	ferrite core, 125°C, P/N; DR1050-221-R
10	12.95 X 9.4	.038Ω	3.9A	2/\$1.50	P/N; DO3316P-103	1000	6.6 x 4.45	8.1Ω	.08A	2/\$1	shielded, P/N; DT1608C-105
15	12.95 x 9.4	.046Ω	3A	2/\$1.50	P/N; DO3316P-153	1000	12 x 12	1.34Ω	.72A	\$1	shielded, ferr. core, 125°, MSS1260T



Common Mode SMD **LINE FILTER** by Wurth Electronics, WE-SL2 series

500μH, 1A (P/N; 744223) or 4700μH, 0.5A (PN: 744220)

9.2mm L x 6mm W \$1.00 each

# SMT FERRITE BEADS

0402	220Ω	450mA	DCR; 0.29Ω	10/\$1		1206	26Ω	500mA	0.20Ω	8/\$1
0603	60Ω	1A	0.07Ω	10/\$1	high imp.	1206	70Ω	200mA	0.15Ω	8/\$1
0603	220Ω	2.2A	0.05Ω	10/\$1		1206	300Ω	350mA	0.20Ω	8/\$1
0603	1K	400mA	0.50Ω	10/\$1	high freq.	1806	80Ω	500mA		8/\$1
0805	40Ω	1.5A		8/\$1		1210	65Ω			8/\$1
0805	120Ω	300mA	0.30Ω	10/\$1		1812	70Ω	1.5A	0.05Ω	6/\$1
0805	120Ω	800mA	0.15Ω	8/\$1		1812	120Ω	3A	0.04Ω	5/\$1
0805	1K	200mA	0.45Ω	8/\$1		3x4mm	47Ω	10A	0.80Ω	3/\$1
						3x4mm	120Ω	1.5A	0.05Ω	4/\$1

# SMD Removal KIT



\$16.25



# SMT TRANSISTORS



		1		100				1		100		
2N7002	NFET	60V	7.5 ohm signal	SOT-23	.33	.27	MMBT2369	NPN	15V 200mA	SOT-23	.18	.11
BC848	NPN	30V	100mA	SOT-23	.15	.07	MMBT2907A	PNP	40V 600mA	SOT-23	.25	.14
BC850	NPN	45V	100mA Hfe; 240	SOT-23	.18	.09	MMBT3640	PNP	12V 200mA Hi-Speed	SOT-23	.30	.17
BCV26	PNP	60V	Darlington Hfe; 10K	SOT-23	.12	.09	MMBT3904	NPN	40V 200mA	SOT-23	.20	.12
BCV27	NPN	60V	Darlington Hfe; 20K	SOT-23	.12	.09	MMBT3906	PNP	40V 200mA	SOT-23	.20	.12
BSR14	NPN	40V	800mA	SOT-23	.35	.19	MMBT4401	NPN	40V 600mA	SOT-23	.22	.15
BSS83	NFET	15V	45 ohm signal	SOT-143	.40	.27	MMBT4403	PNP	40V 600mA	SOT-23	.22	.15
BSS84	PFET	50V	10 ohm signal	SOT-23	.28	.16	MMBT5087	PNP	50V 50mA Lo Noise	SOT-23	.18	.12
BSS123	N - ch.	100V	170mA MOSFET	SOT-23	.22	.14	MMBT5401	PNP	150V 500mA	SOT-23	.24	.15
BSS138ZX	N - ch.	50V	200mA MOSFET	SOT-23	.20	.11	MMBTA06	NPN	80V 500mA	SOT-23	.15	.09
BST82	NFET	100V	10 ohm signal	SOT-23	.28	.20	MMBTA14	NPN	30V Darlington Hfe>10K	SOT-23	.25	.12
DTA144EE	PNP	50V	100mA built-in resis.	SOT-523	.30	.20	MMBTA42	NPN	300V 500mA	SOT-23	.25	.12
FDB3860	NFET	100V	30A PwrTrench	D2-PAK	.69	.49	MMBTA56	PNP	80V 500mA	SOT-23	.15	.09
FDB8870	NFET	30V	160A PowerTrench	D2-PAK	.75	.55	MMBTA63	PNP	30V Darlington Hfe>10K	SOT-23	.25	.12
FDD6796	NFET	25V	20A PowerTrench	D-Pak	.45	.25	MMBTA92	PNP	300V 500mA	SOT-23	.25	.12
FDG8842CZ	N / P	30V / -25V	PwrTrench MOSFET	SOT-363	.25	.15	MMD1N05	NFET	50V 1A DUAL	8-SOIC	.45	.25
FDMA1023PZ	P - ch.	Dual -20V	MOSFET microfet 2 x 2mm		.32	.14	MMUN2232	NPN	50V 100mA BIAS resis.	SOT-23	.18	.09
FDM59600S	NFET	Dual	30V 30A PwrTrench	MLP-8	.99	.79	MTD20N03	NFET	30V .20A	D-PAK	.65	.35
FDS8672S	NFET	Sync	30V 18A PwrTrch	SO-8	.59	.39	PZT2222A	NPN	40V 600mA	SOT-223	.35	.18
FDS9933BZ	PFET	2.5V	PowerTrench	SO-8	.45	.29	PZT2907A	PNP	60V 600mA	SOT-223	.35	—
FMMTA92CT	PNP	300V	200mA	SOT-23	.18	—	RTQ035N03	NFET	30V 3.5A	SOT-23-6	.45	.32
IRFR9024	P - ch.	-55V -11A	MOSFET	D-PAK	.89	—	SFH-320-FA-3	NPN	Phototransistor 35V, 15mA	3 x 3mm	.25	.12
J45H11	PNP	80V	20W Epitaxial	D-PAK	.95	.75	SI9942	N / P	20V MOSFET	SO-8	.65	.45
J310	NFET	25V	24mA	SOT-23	.38	.28	ZXMP6A17G	P - ch.	-60V MOSFET	SOT-223	.45	.28
MMBF170L	N - ch.	60V	500mA MOSFET	SOT-23	.45	.28						
MMBR5179	NPN	12V	50mA RF	SOT-23	.35	.26						
MMBT2222A	NPN	40V	600mA	SOT-23	.25	.14						

## 20V Integrated N-Channel PowerTrench® MOSFET and Schottky Diode



Mosfet; 3.7A, 68mΩ Schottky; V<sub>F</sub><0.37V @ 500mA

Fairchild FDFMA2N028Z

4/\$1

## SMT PROTOTYPING BOARDS

# SchmartBOARD™ ez

Patent pending technology makes soldering childishly simple. The solder mask is higher than the pads, creating canals. The walls of the canal are made by the solder mask, the floor by the pad surface. The legs of the I.C. fit into this canal making hand placement and soldering a snap... Some boards are for specific pin/pitch - but most are 'universal' - the PLCC board accommodates 20-84 pins. We stock these 'universal' boards; PLCC (.05"), QFP (.4mm, .5mm, .65mm, .8mm), SO (.05"), SOP (.4mm, .635mm, .8mm). We also have a number of specific size boards.

\$9.95 each

## SMT FUSES



3/\$1

0.2A	32V	1206	F1206A0R20FW	15A	65V	6.1x2.69mm	R451015
0.25A	24V	1206	R429.250				
0.5A	125V	6.1x2.69mm	R451.500				Slow Blow
1.0A	125V	7.24x4.32mm	R459001	0.5A	125V	6.1x2.69mm	R452.500
1.5A	125V	6.1x2.69mm	R45101.5	1.0A	125V	6.1x2.69mm	R452001
2.0A	32V	1206	F1206A2R00FW	2.0A	125V	7.24x4.32mm	R460002
2.5A	125V	6.1x2.69mm	R45102.5	4.0A	125V	6.1x2.69mm	R452004
3.5A	125V	6.1x2.69mm	R45103.5				

PTC Resettable  
0.3A 60V 6.78 x 7.98 x 3.18mm Bourns MF-SM030-2

## SMD Connectors

- odds-n-ends -

1 x 4	FPC horizontal AMP 487951-4	1mm	2/\$1
1 x 9	FFC/FPC right angle Molex 52271-0990	1mm	95¢
2 x 32	IEEE 1386 Mezz. Plug Molex 714-36-2164-P	1mm	\$2.95
2 x 50	Mezzanine Recept.	1mm	\$1.95
2 x 30	card edge conn., vert. Sullins RBB30DHFR	0.05"	\$3.95
4 x 50	SET, plug & recept. Samtec MOLC & FOLC-150-02-S-Q	0.05"	\$3.95
1 x 8	R/A boxed, 2A 100V	2mm	3/\$1
1 x 18	R/A	2mm	2/95¢
1 x 40	Male / Vertical	2mm	\$1.95
2 x 10	Boxed Header / Vertical	2mm	85¢
2 x 40	Male / Vertical	2mm	\$3.25
1 x 3	Female / Vertical	0.1"	5/\$1
1 x 40	Male / Vertical	0.1"	\$1.50
2 x 10	male header/vertical Samtec TSM-110-01-T-DV	0.1"	2/\$1.50
2 x 40	Male / Vertical	0.1"	\$2.95



HOME / SOLDERING / SOLDER

### Low Temperature Solder Paste

\$14.61

• 15g syringe

• Sn42/Bi57/Ag1

• This surface mount solder paste is an ideal low temperature solder for electronics and is specially designed for radiators, LEDs and telecommunication assemblies.

1 ADD TO CART

SKU: 4902P-15g

# Surface Mount I.C.'s

SOT-23-5  
single gate

## LOGIC



74LVC1G00	2-input NAND gate	.25	.15
74LVC1G02	2-input NOR gate	.25	.15
74HC1G04	single inverter	.25	.15
74LVC1G08	2-input AND gate	.25	.15
74LVC1G14	inverter w/Schmitt trigger	.25	.17
74LVC1G32	2-input OR gate	.25	.16
74LVC1G66	SPST analog switch	.39	.25
74LVC1G86	2-input XOR gate	.25	.16
74LVC1G132	2-input NAND w/Schm	.25	.18
74LVC1G3157	SPDT analog switch	.49	.32

## OPTO ISOLATORS

IL217A	45¢
IL223	55¢
MOC221	45¢
4N25	55¢
6N136	75¢

## ECL

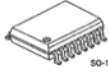
10H113*	1.75
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## GAL

16L8-25*	1.95
16R4*	1.95
16V8-15*	1.95
20V8-10*	2.95

Mostly SOIC

\* MEANS PLCC PACKAGE



### 74 LVC

00	.33
04	.33
06	.45
08	.36
14	.38
32	.33
74	.36
125	.45
138	.45
244	.51
245	.51
374	.51
573	.99

### 74 ACT

04	.45
05	.55
10	.58
74	.45
138	.85
157	.85
163	.95
164	.95
175	.75
240	.62
244	.89
245	.95
257	.55
258	.89
273	.95
373	1.25
521	1.10
573	1.25
823	1.95

### CD 4000

4001	.39
4011	.39
4013	.45
4040	.54
4049	.44
4051	.62
4053	.65
4066	.46
4069	.55
4093	.55
4504	.75
4528	.70
4538	.42
4541	.35
4584	.50

### 74ALS

00	.36	191	1.40
02	.36	240	1.25
03	.36	241	1.12
04	.36	244	.79
05	.36	245	.85
08	.45	251	.85
09*	.25	253	.85
10	.45	257*	.45
15	.45	273	.89
27	.49	299	1.50
30	.35	373	.85
32	.38	374	.85
35	.35	520	2.40
74	.39	521	1.25
109	.60	541	.75
112*	.25	573	1.12
137	.75	574	1.12
138	.89	580	1.25
139	.89	632*	1.15
151	.85	640	1.25
153	.85	641	1.25
157	.52	645	1.45
160*	.35	651	2.55
161	.89	652	2.55
163	.85	1004	.45
168	.89	1005	.45
174	.85	1035	.45
176	.75		

### MISC.

7404	.48
74CT2524	.75
74FCT157**	.95
74FCT245	.95
74FCT534	1.35
74HCT00	.42
74HCT03	.45
74HCT04	.45
74HCT32	.45
74HCT175	.58
74HCT244	.59
74HCT245	.59
74HCT373	.79
74HCT374	.79
74LS02	.36
74LS04	.38
74LS08	.38
74LS10	.42
74LS32	.38
74LS123	.55
74LS136	.58
74LS157	.48
74LS166	.64
74LS244	.45
74LS257	.35
DS8837	.95

### CRYSTALS

\$1.19	4-pin OSC.	\$1.95
4 MHz	1.544 MHz	
12 MHz	4 MHz	
16 MHz	18.432MHz	
24.576MHz	24.000MHz	
25MHz	48.000 MHz	
27 MHz	66 MHz	

### 74F

00	.48	241	.89
02	.42	245	.85
04	.48	251	.69
07	.89	253	.69
08	.48	273	1.12
10	.48	280	.75
11	.48	299	3.95
20	.48	367	1.50
27	.54	373	.85
30	.54	374	.85
32	.48	399	1.50
38	.58	521	1.25
51	.65	524	4.95
74	.40	534	1.50
86	.48	541	1.25
109	.85	543	1.25
112	1.25	573	1.75
125	.75	623	1.50
153	.68	646	2.95
158	.68	648	2.95
161	1.45	657	1.95
163	1.15	825	1.95
174	.99	827	1.50
175	.99	843	1.75
240	.99		

### 74HC

00	.39	160	.65
02	.39	161	.62
04	.39	164	.58
05	.39	175	.58
08	.39	240	.62
10	.39	244	.58
14	.45	245	.65
20	.39	257	.49
27	.39	280	.75
30	.39	298	.66
32	.39	367	.52
74	.39	373	.75
85	.65	374	.75
86	.48	541	.79
123	.89	595	1.45
125	.58	688	1.45
132	.65		
137	.69	4049	.89
138	.48	4051	.75
139	.48	4075	.56
147	1.25	4511	.99
151	.58	4538	.99
154	1.95		

### EEPROMS

24C128	16K x 8 Serial I2C	8 SOIC	.69
28C64	8K x 8 Parallel	28-SO	.95
88SC3216	8K x 16 Serial	8 SOIC	.95
93C46	64 x 16 Serial	8 SOIC	.75
93C66	512 x 8, 256 x 16 Serial	8 SO	.25

### STATIC RAM 99¢ each

32K x 8 CMOS 12ns	71V256 (28 SOJ)
128K x 8 CMOS 70ns	681000 (32 SOP)
256K x 16	70ns R1LV0416 (44 TSOP)

### Boot Sector Flash Memory 8 Megabit, CMOS 5V

AM29F800BB-90SC SO-44 \$1.95

### CPU

79R3041 32-Bit 84-PLCC \$2.95

### ARM-based Flash MCU

AT91SAM7S256, 32-bit RISC, 64K SRAM 64 LQFP \$4.95

### Synchronous DRAM

M12L128168A, 2M x 16-bit x 4 banks, 166MHz, \$2.95 54 TSOPII

### Hi Density PLD Super Fast

ISPLSI 2032E 44PLCC \$1.95

### MicroController

PIC16C74B	44-pin PLCC	\$2.95
PIC18F86J16	80-pin TQFP	\$1.75
ST62T15	28-pin SOP	\$1.25
N87C51	44-pin PLCC	\$1.50

### LOCO PLL Clock Multiplier

ICS501M 8 SOIC \$1.10

## LINEAR and INTERFACE I.C.'s

AH22	High Dynamic Range CATV Amplifier	8 SOIC	3.95
TL074	Hi Speed, Lo Noise JFET Quad Op Amp	14 SOIC	.39
MAX213	+5V RS-232 XCVR w/0.1uF External Caps	28 SSOP	4.95
MAX232	RS-232 XCVR w/Voltage Converter	16 Wide SO	1.95
LM311	Hi Performance Voltage Comparator	8 SOIC	.63
LM317L	Adj. Pos. Volt. Reg. 1.2V to 37V 100mA	8 SOIC	.55
LM317M	Adj. Pos. Volt. Reg. 1.2V to 37V 500mA	D-Pak	.85
LM319	High Speed Dual Comparator	14 SOIC	1.34
LM324	Lo Power Quad Op Amp	14 SOIC	.48
LM334	Constant Current Source	8 SOIC	1.98
LM336-2.5	Voltage Reference 2.5V	8 SOIC	1.50
LM337L	Adj. Neg. Volt. Reg. 1.2V to 37V 100mA	8 SOIC	1.38
LM339	High Performance Quad Comparator	14 SOIC	.52
LF353	Dual JFET Input Op Amp	8 SOIC	.68
LM358	Low Power Dual Op Amp	8 SOIC	.38
LM385-1.2	Voltage Reference 1.2V	8 SOIC	1.95
LM393	Dual Comparator	8 SOIC	.42
LF412	Low Offset Dual BIFET Op Amp	8 SOIC	1.95
TL431	Adj. Pos. Volt. Reg. 1.7V to 36V 100mA	8 SOIC	.55
NE555	Timer	8 SOIC	.45
AD706	Dual Low Power Bipolar Op Amp	8 SOIC	1.95
AD736	Low Power True RMS-to-DC Converter	8 SOIC	2.49
LM723	Adj. Pos. or Neg. Volt. Reg. 2V to 37V, 150mA	14 SOIC	.65
LM741	General Purpose Op Amp	8 SOIC	.38
MAX797	Stepdown DC-to-DC Converter	16 SOIC	1.95
LM833	Low Noise, Audio Dual Op Amp	8 SOIC	.68
LT1054	Switched-Capacitor Converter w/Regulator	8 SOIC	.45
LM1117-3.3	Voltage Regulator Positive 3.3V LDO	SOT-223	2.19
LM1117-5	Voltage Regulator Positive 5V LDO	SOT-223	.75
1458	General Purpose Dual Op Amp	8 SOIC	.48
1488	Quad Line Driver (RS-232)	14 SOIC	.45
1489	Quad Line Receiver (RS-232)	14 SOIC	.45
MIC1555	IttyBitty RC Timer / Oscillator (2.7V - 18V)	SOT23-5	.55
PCM1733	18-bit, 96kHz Stereo Audio D-A-C	14 SOIC	1.95
ULN2003	Darlington Transistor Array	16 SOIC	.84
ULN2004	Hi Voltage, Hi Current, 7 Darlington Array	16 SOIC	.34
TPS2014	Power Distribution Switch	8 SOIC	1.50
PQ2222	NPN Transistor Array	16 SOIC	.75
MIC2570	Two-Cell Switching Regulator 2.85V/3.3V/5V Selectable Output Adjustable Output up to 36V	8 SOIC	.95
-1	Quad Differential Line Driver	16 SOIC	1.10
-2	Quad Differential Line Driver	8 SOIC	.99
26LS31	Quad Differential Line Receiver	16 SOIC	.99
26LS32	Wide Gain Bandwidth, Lo Pwr Quad Op Amp	14 SOIC	.24
LM2902	Dual Differential Comparator	8 MSOP	.14
LM2903	PNP Transistor Array	16 SOIC	.75
PQ2907	12V 1A Lo Dropout Voltage Regulator	SOT-223	1.50
LM2940-12	Hi-Speed CMOS Quad Bus Switch	14 SOIC	1.95
QS3125	3V to 5.5V, RS-232 Transceiver w/ESD protec.	16 TSSOP	.95
MAX3221	3V to 5.5V, LoPwr, True RS-232 Transceiver	16 SOIC	1.75
MAX3232	Intelligent RS-232 Transceiver	28 SSOP	1.50
MAX3243	Fast Ultra L-D-O Voltage Reg. 3.3V 800mA	SOT-223-5	.79
LP3961-3.3	LDO Voltage Regulator 3.3V 3A	SOT-263-5	1.95
LP3966-3.3	LDO Voltage Regulator Adj. 1.2V-5V 3A	SOT-263-5	2.55
LP3966-ADJ	D-A-C 8-bit octal	24 SOIC	14.95
MAX7228	D-A-C 8-bit dual 2.7V	8 SOIC	1.95
AD7303	Voltage Converter +5V to Dual 5V	8 SOIC	1.95
ICL7660	Supply Voltage Supervisor	8 SOIC	.69
TL7702	2.93V Supply Monitor	8 TSSOP	.95
TLC7733	VoltageRegulator Positive 5V 100mA	8 SOIC	.35
78L05	Voltage Regulator Positive 8V 100mA	8 SOIC	.35
78L08	VoltageRegulator Positive 5V	D-Pak	.55
78M05	VoltageRegulator Positive 12V 100mA	8 SOIC	.40
78L12	VoltageRegulator Positive 12V	D-Pak	.55
78M12	Voltage Regulator Negative 5V 100mA	8 SOIC	.65
79L05	Voltage Regulator Negative 12V 100mA	8 SOIC	.65
79L12	Remote 8-Bit I/O Expander for I2C-Bus	16 wide SO	.99
PCF8574DW	Micropower Undervoltage Sensing Circuit	SOT-23-5	.35
MC33464	3.3V 1A L-D-O Voltage Regulator	8 SOIC	.75
MIC39101-3.3	5V 1A L-D-O Voltage Regulator	8 SOIC	.75
MIC39101-5.0	Adj. 3A Switching Voltage Regulator	20 HTSSOP	4.95
TPS54310	1.8V 6A Switching Voltage Regulator	28 HTSSOP	3.95
TPS54614	RF Amplifier 2.7-4.2 SV 16 dB	SOT-343-4	.95
MGA-71543	Quad Differential Line Receiver	16 SOIC	1.85
75175	RF Amplifier 3 SV 13.2 dB	SOT363-6	.64
MGA-82563	RF Amplifier 3 SV 22 dB	SOT363-6	1.25
MGA-83563			

### A-D Converter

ADC12038	
SOIC-28	\$5.95
MC10319DW	
SO-28L	\$1.95

### Frequency Generator & Integrated Buffers for Pentium

ICS9148F13 48 SSOP \$7.95

### PLCC TEST CLIPS

20 POS.	\$22.45
28 POS.	30.95
44 POS.	30.95
52 POS.	33.03
68 POS.	35.96
84 POS.	40.05



All of the following pages of components are thru-hole, aka leaded...

7400													
01	.29	16	.45	84	1.54	126	.55	163	.80	193	.75	290	1.07
02	.29	17	.45	43	.70	85	.79	128	.85	164	.42	194	.75
03	.29	20	.30	44	.70	89	2.25	132	.69	165	.45	195	.57
05	.35	23	.20	45	.95	90	2.19	145	.50	166	.95	196	1.07
06	.48	26	.38	50	.25	91	.74	147	1.72	173	1.16	197	1.07
07	.48	27	.29	51	.42	92	.56	148	1.16	174	.74	198	1.58
10	.35	28	.56	54	.25	93	.30	151	.50	175	.70	200	2.99
11	.35	30	.29	60	.25	95	.35	153	.50	176	.75	221	.95
12	.35	37	.45	62	.25	96	.35	155	.61	177	1.01	251	.78
13	.29	38	.57	74	.51	107	.29	156	.74	180	.95	265	.89
14	.54	40	.25	75	.45	109	.29	157	.61	181	2.52	276	2.63
				79	.75	116	1.49	158	.89	182	.80	283	1.37
				81	1.61	121	1.20	160	.48	191	.90	284	2.49
				83	.40	122	.65	162	.42	192	.75	285	2.49

74ALS00							
00	.29	33	.28	163	.59	373	.69
02	.28	74	.42	174	.60	374	.69
04	.35	86	.38	175	.60	521	1.50
05	.28	109	.42	191	1.35	534	1.75
08	.28	133	.59	240	.68	540	1.15
10	.28	137	.95	241	.68	573	1.15
11	.28	139	.58	243	.68	574	1.15
20	.28	151	.55	244	.68	580	2.75
27	.35	153	.55	245	.75	642	1.25
28	.28	157	.62	257	.45	841	2.50
30	.38	158	.68	273	.75	1002	.50
32	.38	162	.99	299	1.89		

74LS00													
91	.63	152	.45	195	.61	279	.42	377	.79	640	1.06		
92	.99	153	.42	196	.69	280	1.35	378	.92	642	1.06		
93	.49	154	1.81	197	.59	283	.59	385	3.68	643	1.06		
00use ALS	30	.28	95	.59	155	.48	221	.59	290	.64	386	.51	
01	.25	32	.32	96	.59	156	.48	240	.64	293	.66	388	3.49
03	.25	33	.34	107	.37	157	.38	241	.64	295	.71	390	.72
04use ALS	37	.28	109	.37	158	.38	242	.64	298	.79	393	.72	
05	.28	38	.28	112	.37	160	.39	243	.64	299	1.62	399	.85
06	.60	40	.29	113	.37	161	.40	244	.79	322	4.09	422	.69
07	.60	42	.34	114	.37	162	.52	245	.54	325	2.55	423	.95
08	.28	47	1.98	122	.52	163	.52	247	.75	326	2.55	442	4.90
09	.25	49	.86	123	.46	164	.52	248	.69	327	2.55	443	4.90
10	.25	51	.28	124	2.95	165	.79	249	89	348	1.76	444	4.90
11	.25	54	.29	125	.37	166	.94	251	48	352	.74	447	1.12
12	.25	55	.29	126	.37	168	.94	253	48	353	.79	490	1.92
13	.35	63	.99	132	.49	169	1.06	256	95	354	.99	534	.99
14	.33	73	.99	133	.49	170	.95	257	39	362	.99	540	.59
15	.32	74	.35	136	.39	174	.39	258	48	365	.46	541	.59
20	.28	75	.39	137	.89	175	.39	259	69	366	.46	569	2.53
21	.28	78	.51	138	.69	181	1.67	260	53	367	.46	590	3.75
22	.29	83	.59	139	.46	191	.59	261	99	368	.46	592	1.95
26	.28	85	.59	147	.98	192	.69	266	51	373	.52	593	1.95
27	.28	86	.31	148	.98	193	.61	273	.52	374	.52	625	1.95
28	.35	90	.49	151	.42	194	.61	275	1.95	375	.60	628	1.55

74F00					
00	.38	157	.58	253	.79
02	.38	158	.58	257	.79
04	.48	160	1.36	258	.79
06	.68	161	1.36	273	.95
08	.36	162	1.36	280	.74
10	.28	163	1.25	283	1.65
11	.28	164	1.25	299	3.68
14	.56	168	2.56	322	3.68
20	.28	169	3.20	353	.65
27	.36	174	.85	367	1.42
32	.32	175	.85	373	.72
38	.33	181	2.42	377	.79
51	.46	182	1.11	378	1.16
64	.32	190	3.40	379	1.13
74	.36	191	2.02	381	2.56
86	.48	192	2.40	398	.98
109	.41	193	2.40	399	1.13
112	1.00	194	.97	521	1.15
125	.65	195	1.50	533	1.95
132	.46	240	1.25	543	2.95
138	.58	241	.85	573	1.58
139	.58	242	1.28	574	1.58
148	.85	243	1.14		
151	.58	245	.75		
153	.58	251	.79		

74S00													
30	.29	86	.31	140	.57	181	3.52	244	1.05	373	1.05		
32	.35	112	.49	151	.62	182	.85	251	.84	374	1.05		
37	.69	113	.49	157	.79	189	1.88	257	.62	381	3.15		
00	.29	09	.39	38	.69	114	.49	161	.59	194	1.12		
02	.29	10	.29	39	1.32	.65	162	.65	195	1.12	260	.63	
03	.39	11	.39	51	.36	133	.40	163	1.15	200	3.00		
04	.29	15	.39	64	.39	135	.90	169	1.15	214	2.50		
05	.29	20	.29	74	.48	138	.49	174	.59	240	1.15		
08	.35	22	.39	85	.69	139	.49	175	.59	241	1.05		
												1056	\$1.25

74H00							
00	.44	20	.44	51	.44	103	.99
01	.54	21	.59	53	.44	108	1.45
04	.54	22	.59	54	.44	113	.99
08	.44	30	.59	71	.54		
10	.44	40	.44	72	.54		
11	.44	50	.44	74	.69		

74C00											
73	.90	107	.99	161	.89	174	.79	244	1.95	907	.95
83	1.45	150	3.75	162	.79	175	.79	373	1.89	910	6.25
86	.33	151	2.69	163	.89	193	1.25	901	.71	914	2.10
04	.21	30	.38	89	4.49	154	3.99	164	1.25	200	7.95
08	.38	32	.79	93	1.32	157	2.49	165	1.61	221	2.50
14	.69	42	1.42	95	1.45	160	.89	173	.55	240	2.15

74L00							
00	.40	26	.40	75	.95	151	1.50
02	.40	30	.45	78	.60	157	1.10
03	.50	42	.99	89	2.50	164	1.95
04	.40	51	.40	90	1.25	165	1.99
05	.50	54	.40	91	.99	192	1.50
09	.45	55	.40	93	1.25	193	1.50
10	.40	72	.45	95	1.25	195	1.50
20	.40	73	.50	123	1.25		

74HC00											
125	.47	161	.63	221	.69	279	.58	573	.99	4060	.62
126	.47	163	.63	237	.49	280	1.17	574	.99	4066	.52
132	.59	164	.49	240	.65	298	1.15	595	1.62	4075	.29
00	.21	73	.41	133	.36	165	.54	241	.65	299	1.35
02	.28	74	.29	137	.59	166	.71	242	.65	365	.65
03	.55	75	.45	138	.45	173	.81	243	.65	367	.52
04	.24	80	1.46	139	.45	174	.46	244	.45	368	.52
08	.25	82	1.46	147	.67	175	.49	245	.45	373	.45
10	.25	85	.45	148	.90	176	1.49	251	.59	374	.45
14	.28	86	.45	151	.54	177	1.49	253	.59	390	.71
20	.29	107	.41	153	.54	182	1.44	257	.50	393	.63
27	.30	109	.49	154	1.80	191	.59	258	.59	533	1.08
30	.33	112	.45	157	.47	193	.59	259	.63	534	1.08
32	.35	113	.50	158	.47	194	.69	266	.56	540	.59
42	.49	123	.68	160	.72	195	.69	273	.45	541	.59

74AS00					
158	.47	374	.89	576	1.75
174	.99	534	1.38	645	1.95
257	.49	540	1.25	867	2.99
373	.89	575	1.75		

74HCT00											
86	.35	158	.49	238	.89	273	.45	504	6.60	646	10.36
93	.99	161	.58	239	.89	365	.69	533	.95	648	10.36
107	.39	163	.69	240	.55	368	.51	534	.95	688	.99
109	.39	164	.52	241	.55	373	.54	540	.65		
112	.39	173	.84	244	.45	374	.54	541	.65	4016	.75
02	.26	12	.37	126	.47	174	.41	245	.49	390	.79
03	.36	14	.28	132	.59	175	.41	251	.56	393	.76
04	.26	27	.38	138	.45	193	.89	257	.56	397	.76
08	.26	32	.28	139	.39	210	2.36	258	.56	640	.99
10	.29	74	.35	157	.41	237	.52	259	.76	503	4.76




74ACT00					
00	.44	138	.85	373	1.15
04	.44	175	.75	374	1.15
08	.45	240	1.25	541	1.45
86	.85	244	1.25	573	1.50
		245	1.45	574	1.50

74ACT4503 \$1



CMP-04 H13-0509 VIPer20 LM34 LM35 TL061	QUAD LoPwr PREC. COMPAR. 4-CH. DIFFERENTIAL MUX AC/DC CONVERTER 620V .5A Fahrenheit TEMP. SENS. CENTRIG. TEMP. SENS. LO PWR JFET-INPUT OP AMP	14-PIN DIP 16-PIN DIP 5-p TO-220 TO-92 TO-92 8-PIN DIP	3.95 1.95 .49 5.75 1.75 .81	AD595 MCP602 MAX632 AD647H MAX690 LM709	THERMOCOUPLE AMPLIFIER DUAL CMOS OP AMP 2.7V-6V +12V/ADJ. CMOS STEP-UP SW.REG. ULTRALO DRIFT, DUAL BIFET OP AMP MPU WATCHDOG / BATT. GENERAL PURP. OP AMP	14-PIN DIP 8-PIN DIP 8-PIN TO-5 8-PIN DIP 14-PIN DIP	9.95 .89 3.95 2.95 3.95 .70	HA4605 TDA4861 SD5002 IH5020 NE5532 NE5534	QUAD WIDEBAND OP AMP VERT. DEFLECT. PWR AMP ANALOG SWITCH 2xSPST ANALOG SWITCH INTER. COMP. DUAL OP AMP HI-PERF. LO NOISE OP AMP	14-PIN DIP 9-PIN SIP 16-PIN DIP 8-PIN DIP 8-PIN DIP 8-PIN DIP	1.75 2.95 1.50 2.95 .79 .95	
TL064 TL071 TL081 TL082 TL084	LoPwr QUAD JFET-INPUT OP AMP LoNOISE JFET-IN OP AMP GEN. PURP. JFET-IN OP AMP DUAL JFET-INPUT OP AMP QUAD JFET-INPUT OP AMP	14-pin 8-PIN DIP 8-PIN DIP 8-PIN DIP 14-PIN DIP	.79 .61 .45 .95 .59	LM711H 733 741 MAX743 48	DUAL DIFF. COMP. WIDEBAND VIDEO AMP GENERAL PURP. OP AMP DUAL-OUTPUT, SW.-MODE REGUL. FREQ. ADJUSTED 741	TO-5 14-PIN DIP 8-PIN DIP 16-P DIP 14-PIN DIP	6.9 .65 .45 .95 .55	ICM7226 SI 7250 7555 7556 TL7702	Univ. Cntr. & LED DISPLAY DRVR BUBBLE MEMORY PWR DRVR CMOS 555 TIMER CMOS 556 DUAL TIMER SUPPLY VOLTAGE SUPERVISOR	14-PIN DIP 40-P DIP 16-PIN DIP 8-PIN DIP 14-PIN DIP 8-PIN DIP	9.95 1.95 1.75 1.35 .36	
INA103 DG181 DG186B PGA202 PGA203	LO NOISE INSTR. AMP HI-SPEED DUAL SPST JFET HI-SPEED SPDT JFET SWITCH PROGRAMMABLE GAIN AMPLIF. PROGRAMMABLE GAIN AMPLIF.	16-PIN DIP TO-5 TO-5 14-PIN 14-PIN	6.95 7.50 5.95 7.95 7.95	AD827JN AD841SQ LT1013 LM1203 LM1205	OP AMP, DUAL GP, +/-18V OP AMP, FAST SETTLING DUAL PRECISION OP AMP RGB VIDEO AMP SYSTEM RGB VIDEO AMP SYS w/BLANKING	8-PIN DIP 14-PIN DIP 8-PIN DIP 28-PIN DIP 28-PIN	3.95 3.95 3.95 2.95 3.95	TL7705A TL77075 TEA7868 ICL8018 ICL8019	supplyvoltage supervisor 4.55V MicroPWR Supply Voltage Super. LINE INTERF. w/RING DETECT. QUAD CURR.SW. for D-A CONV. QUAD CURR.SW. for D-A CONV.	8-PIN DIP 8-PIN DIP 8-PIN DIP 14-PIN DIP 14-PIN DIP	4.45 4.95 1.75 1.50 .95	
DG211 MAX232 LM258 TS271 LM301	4xSPST CMOS ANALOG SWITCH RS-232 XCVR w/VOLT.CONV. IMPROVED MAX232 DUAL OP AMP CMOS OP AMP UNCOMPENSATED OP AMP	16-PIN 16-PIN 20-PIN DIP 8-PIN DIP 8-PIN DIP 8-PIN DIP	2.15 1.75 4.49 .75 .45 .55	MC1377 MC1439 1458 1488 14C88	COLOR TV RGB TO PAL ENCODER HI-SLEW-RATE OP AMP GEN. PURP. DUAL OP AMP QUAD LINE DRIVER (RS-232) CMOS 1488	20 PIN TO-5 8-PIN DIP 14-PIN DIP 14-PIN DIP	2.95 1.75 .45 .39 1.10	AD8184 MT8804A	VIDEO MULTIPLEXER CROSSPOINT ARRAY (8x4 SWITCH MATRIX)	14-PIN DIP 14-PIN DIP 24-PIN DIP	9.95 1.95 4.95	
LM310 LM311 LM316H LM318	VOLT. FOLLOWER OP AMP HI PERF. VOLT.COMPAR. PREC. HI-IMP. OP AMP PRECISION HI SPEED OP AMP	TO-5 or 8-P DIP 8-PIN DIP TO-5 8-PIN DIP	1.95 .39 2.85 1.25	1489 14C89 MC1466 MC1658	QUAD LINE RECEIVER (RS-232) CMOS 1489 MOD/DEM/O VOLT. CONTROL, MULTIVIB.	14-PIN DIP 14-PIN DIP 14-PIN DIP 16-PIN DIP	.39 1.10 .75 2.95	AD9300K STV9379 LF13007	4x1 WIDEBAND VIDEO MULTIPLEX VERTICAL DEFLECTION PREC. DIGITAL GAIN SET	16-PIN 7-p TO-220 16-PIN DIP	1.95 2.75 4.95	
LM319 LM324 LM327 LM334 LM336 LM339	HI SPEED DUAL COMPAR. LO PWR QUAD OP AMP CONSTANT CURR. SOURCE VOLT. REFER. (2.5 or 5V) HI PERFORM. QUAD COMP.	14-PIN DIP 14-PIN DIP 14-PIN DIP TO-92 TO-92 14-PIN DIP	.99 .22 .99 1.10 1.10	ULN2003 IR2110 LM2111 XR2240 LM2406T	DARLINGTON XSISTR ARRAY PWR MOSFET & IGBT DRIVER SELF-OSC. HALF-BRIDGE DVR PROG. COUNTER/TIMER MONOLITHIC CRT DRIVER	16-PIN DIP 14-PIN DIP 14-PIN DIP 16-PIN DIP 11-pin TO-220	.79 2.95 1.57 1.15 1.95	MC34062 MC34063 MC34064 MC34071 MC34074	PIN-PROG.OVERVOLT.SENS. 4.0V 1.5A DC/DC convert. control UNDERVOLTAGE SENSING CIRC HI-PERF. SINGL-SUPPLY OP AMP QUAD MC34071	8-PIN DIP 8-PIN DIP TO-92 8-PIN DIP 14-PIN DIP	1.25 1.48 .75 9.99 1.75	
3V339 LF347 LM348 LM349 LF351 LF353 LF356	CMOS version LM339 QUAD JFET-INPUT OP AMP QUAD 741 OP AMP QUAD 741 OP AMP HI SPEED JFET-INPUT OP AMP DUAL JFET-INPUT OP AMP LOW OFFSET MONOLITHIC JFET-INPUT OP AMP LO POWER DUAL OP AMP	14-PIN DIP 14-PIN DIP 14-PIN DIP 14-PIN 8-PIN DIP 8-PIN DIP 8-PIN DIP	4.45 1.35 .39 .45 .45 .54	DM2503 AM2504 26S02 26LS30 26LS31 26LS32 ULN2803	8-BIT SUCC. APPROX. REGIS. 8-BIT SUCC. APPROX. REG. 12-BIT SUCC. APPROX. REG. DUAL SCHOTTKY MULTIVIBR. DUAL DIF. 422 PARTY LINE QUAD QUAD DIF. LINE DRIVER QUAD DIF. LINE RECEIVER TTL/CMOS PERIPH. DRIVER	16-PIN DIP 16-PIN DIP 24-PIN DIP 16-PIN DIP 16-PIN DIP 16-PIN DIP 18-PIN DIP	2.95 2.95 2.95 1.25 1.75 .69 .69 .75	MC34084 75107 75108 75110 75123	HI-SLEW/wide-BAND JFET OP AMP DUAL LINE RECEIVER DUAL LINE RECEIVER DUAL LINE DRIVER DUAL LINE DRIVER	14-P DIP 14-PIN DIP 14-PIN DIP 14-PIN DIP 16-PIN DIP	3.25 .69 .69 .55 .99	
LM358 LM372 LM375 LM377 LM380 LM381 LM385 LM386 LM393	DUAL 2-WATT AUDIO AMP AUDIO POWER AMP LO NOISE DUAL PREAMP VOLT.REFER.(1.2 or 2.5V) LO VOLT. AUDIO PWR AMP DUAL COMPARATOR	14-PIN DIP 14-P or 8-P DIP 14-PIN DIP TO-92 8-PIN DIP 8-PIN DIP	1.95 1.25 1.16 1.75 .59 .54	LM3065 CA3086 CA3127 CA3130 CA3140 CA3183 MC3346	CMOS/PMOS PERIPH. DRIVER GENERAL PURP. DUAL OP AMP PNP XSISTR ARRAY 5 GEN. PURP. NPN XSTSRs HI-FREQ. NPN XSTR ARRAY SUPR CMOS OP AMP BIMOS OP AMP 5 HI-CURR. HI-VOLT. NPN XSTR	18-PIN DIP 14-PIN DIP 16-PIN DIP 8-PIN DIP 8-PIN DIP 16-PIN DIP 14-PIN DIP	.75 2.50 1.20 1.07 .89 1.15 1.15 1.17	75124 75126 75ALS126 75138 75150	TRIPLE LINE RECEIVER SINGL-ENDED LINE DRIVER ADVANCED 75126 QUAD BUS TRANSCIEVER DUAL LINE DRIVER	16-PIN DIP 16-PIN DIP 16-PIN DIP 16-PIN DIP 8-PIN DIP	9.99 2.95 3.25 1.72 .89	
LF398 UHP407 LF411 LF412 LF442 LF444 DG506 DG515	SAMPLE & HOLD AMP PERIPH. NAND DRIVER WIDEBAND JFET OP AMP LO OFFSET DUAL BIFET OP AMP LoPWR DUAL BIFET OP AMP BI-FET QUAD OP AMP MONO. CMOS ANALOG MUX SPDT D/A CONVERT. SWITCH	8-PIN DIP 14-PIN DIP 8-PIN DIP 8-PIN DIP 8-PIN DIP 14-PIN DIP 28-PIN DIP 14-PIN DIP	2.50 1.95 .75 1.20 1.50 1.25 5.75 9.95	LM3401 MC3403 MC3405 MC3423 MC3437 MC3448 MC3470 MC3485	QUAD AMP QUAD DIFF.-INPUT OP AMP DUAL OP AMP & DUAL COMP. OVERVOLT. PROTECTION UNIT HEX UNIFIED BUS RECEIVER QUAD LINE TRANSCIEVER FLOPPY READ AMP SYS. QUAD SINGL-END LINE DRVR	14-PIN DIP 14-PIN DIP 14-PIN DIP 8-P DIP 16-PIN DIP 16-PIN DIP 18-PIN DIP 16-PIN DIP	.76 .98 1.25 1.25 2.48 .89 3.95 3.95	75451 75452 75453 75461 75477	DUAL PERIPH. AND DRIVER DUAL PERIPH. AND DRIVER DUAL PERIPH. OR DRIVER DUAL PERIPH. AND DRIVER DUAL PERIPH. DRIVER	8-PIN DIP 8-PIN DIP 8-PIN DIP 8-PIN DIP 8-PIN DIP	.59 .59 .75 .65 .62	
ADG529 NE532 555 7555 556 7556	4-CH. DIFF. MUX DUAL OP AMP TIMER CMOS TIMER DUAL TIMER CMOS DUAL TIMER	18-PIN DIP 8-PIN DIP 8-PIN DIP 8-PIN DIP 14-PIN DIP 14-PIN DIP	3.95 .64 .35 .59 .75 1.35	MC3486 MC3487 DS3605 BB3606 DS3614 LM3900	QUAD LINE RCVTR (RS-422/3) QUAD LINE DRIVER (RS-422/3) HEX MOS SENSE AMP PROGR. GAIN AMPLIFIER DUAL PERIPH. NOR DRIVER QUAD NORTON OP AMP	16-PIN DIP 16-PIN DIP 14-PIN DIP 32-PIN DIP 8-PIN DIP 14-PIN DIP	.96 .99 .99 14.95 1.15 .55	79518 CD145406 754410	CMOS RS-232 DRV/RCVTR Quadruple Half-H Driver	16-PIN DIP 16-PIN DIP 16-PIN DIP	2.30 2.85	
NE558 NE559 567 MLD574 NE592	QUAD TIMER (SINKS CURR.) QUAD TIMER (SOURCES CURR.) TONE DEC./PHASE LOC. LOOP LAMP/LED FLASH DRIVER VIDEO AMP	16-PIN DIP 16-PIN DIP 8-PIN DIP TO-92 14-PIN DIP	1.25 1.70 .89 .39 .69	LM3914 LM3914 MCP4131 RC4191 LM4250 4558	DOT/BAR DISPLAY DRVR 10K DIGITAL POT w/SPI interface PROGRAMMABLE OP AMP DUAL WIDEBAND 741	14-PIN DIP 14-PIN DIP 8-DIP or DFN 8-PIN DIP 8-PIN DIP 8-PIN DIP	3.25 1.50 2.50 .38 .55					

### Burr-Brown MODULES

	3195/15	\$14.95
	3291/14	\$11.95
	3400A	\$6.95

#### MISC.

MC426	\$1.00	25LS2520	.99	74BCT245	1.12
MC837	.75	25LS2521	.99	74BCT374	1.25
MC1010P	1.00	25LS2569	2.50	74BCT2827	2.75
MC1048P	1.00	27S25	4.95	74FCT244	1.25
CD22402	8.35	AM2964	5.50	74FCT521	.95
25LS09	1.25	AM2966	1.25	CD145406	2.30
25S10	1.75	AM29828	2.50		
25LS14	.75	MC7242	1.00	TMP47P206VP	\$1.25
25LS22	.99	63S1681	.75		
25LS2518	1.11	74BCT125	.95		

#### ECL

10103	.59	10141	3.95	10173	1.95	10422	5.95
10121	.99	10149	5.95	10176	.95	10524	3.95
10124	2.49	10159	1.95	10189	1.25		
10136	2.49	10161	1.95	10216	3.55		
10139	.95	10162	1.95	10231	3.95		

#### 9000

9003	.30	9317	.99	93S48	3.25
9005	.30	9321	.99	93S62	2.50
9008	.32	9322	.65	9601	.89
9009	.30	9324	2.50	9602	.89
9012	.32	9334	2.50	96LS02	1.75
9016	.30	9341	2.68	93L415	3.50
9300	.50			93422	9.95
9312	.69			93425	4.95

#### I.C. TEST CLIPS

AP PRODUCTS



#### N8200

8223	2.49	8242	1.10	8263	1.50	8288	1.10	8816	.95
8230	1.10	8250	1.75	8267	2.95	8290	.75	8824	.95
8232	1.10	8251	1.75	8271	1.25	8291	.75	8825	.95
8233	1.10	8252	1.25	8275	1.25	8292	1.50	8848	.95
								8875	.55
								8885	1.75
								8H21	1.00
								8H90	1.00

#### 8T00

8T14	1.75	8T37	1.75	8T110	1.95
8T20	1.50	8T39	1.25	8T125	1.75
8T22	.69	8T80	1.75	8T245	1.59
8T24	1.75	8T93	1.30		
8T26	1.75	8T95	1.30		
8T28	1.75	8T96	1.30		
8T32	1.75	8T98	.95		

#### MM 5000

5025	1.50
5262	.75
5320	4.95
5554	4.75
5555	4.75
5705	
5706	

#### MICRO-CONTROLLER

Toshiba TMP47P206VP  
CMOS 4-bit w/16K PROM  
20-pin DIP  
\$1.25

#### DM8000

8090	.75	8214	1.50	8553	2.50	8812	.50	8864	1.75	81L22	1.65
8091	.50	8220	1.50	8554	3.95	8819	1.19	8867	1.75	81L23	1.65
8094	.37	8223	1.95	8556	1.95	8822	2.50	8885	3.50	85L51	1.50
8096	.77	8230	2.00	8573	2.95	8831	1.90	8887	1.50		
8121	1.05	8281	.80	8574	2.95	8832	1.90				
8122	.70	8288	1.10	8577	1.90	8833	1.95	80C95	.69		
8123	1.50	8304	2.45	8578	1.50	8837	1.50	80C97	.69	81LS96	1.95
8124	1.50	8311	3.95	8580	1.10	8844	.90			81LS98	1.95
8210	1.50	8520	3.95	8811	.69	8858	.75	80L96	1.20		
								80L97	1.20		

#### 82S00

82S07	.95
82S19	11.95
82S21	1.50
82S62	1.49
82S91	1.10
82S126	1.95

#### IM 5600

5600	2.95
5610	2.95
5623	2.95

#### "NAIL-HEAD" OR "SMOOTH"

24 PIN	17.58*
28 PIN	21.09*
36 PIN	23.41
64 PIN	29.95

\* 3 or .6"

### Z80, Z80A, Z80B SERIES

Z80	CPU	2MHz	4.95
Z80-SIO/O	SERIAL INPUT/OUTPUT	2MHz	3.95
Z80A	CPU	4MHz	5.95
Z80A-CTC	COUNTER TIMER CIRCUIT	4MHz	1.99
Z80A-DART	DUAL ASYN. RECIV/TRANS	4MHz	4.95
Z80A-DMA	DIRECT MEMORY ACCESS	4MHz	4.95
Z80A-SIO	SERIAL INPUT/OUTPUT	4MHz	4.95
Z80B-CTC	COUNTER TIMER CIRCUIT	6MHz	3.45
Z80B-PIO	PARALLEL INPUT/OUTPUT	6MHz	3.95

### STATIC RAMS

2110	1024x1 ECL	35ns	1.95
2125	1024x1 NMOS	25ns	4.95
2147	4096x1	35ns	3.95
2149	1024x4 NMOS	45ns	4.95
2602	1024x1		.95
MC4304F	16x1	35ns	1.95
43256	32Kx8 CMOS		2.95
MM5257	4096x1	450ns	2.15
6116	2048x8 CMOS	2.95	
61L47	4096x1 CMOS	70ns	2.95
6264	8192x8	120ns	3.40
7489	16x4	50ns	2.25
74S189	16x4	50ns	1.88
74S200	256 BIT		3.00
82S19	64x9	35ns	11.95
9044	4096x1 NMOS	200ns	2.95
AM9148-55			3.95

### EPROMS

2708	1024x8	450ns	4.95
2716	2048x8	450ns	3.95*
2732	4096x8		4.95
2732A	4096x8	200ns	4.85*
2732B	4096x8	250ns	5.85
2764	8192x8	250ns	4.15
27C64	8192x8	150ns	4.25
27C128	16K x 8	200ns	4.65
27256	32,768x8	200ns	4.95
27C256	CMOS	150ns	4.95
27512	65,536x8	250ns	5.95
27C512	CMOS	200ns	4.75
27C1001	128Kx8	150ns	4.95

\* USED

### UARTS

2651	COMMUN. CHIP (USART)	4.95
HD6402-9	200kB 5V	4.95
COM8017	40kB 5V	3.95
8250	ASYN. COMM. ELEMENT	6.95
8251A	PROG. COMM. I/O (USART)	3.49
88C681	CMOS DUAL CHANNEL	9.95

### DISK CONTROLLERS

WD1010	WINCH. CONTROL/FORMAT.	19.95
1771-1		4.95
1793	SINGLE/DOUBLE DENSITY(TRUE)	9.95
2793		19.95

### 6500, 6800 SERIES

6500/1	MICROPROCESSOR		3.95
6507	MICROPROCESSOR	1MHz	3.95
6520A	PERIPH. INTERF. ADAPT.	2MHz	1.95
6540		1MHz	5.95
6821	PERIPH. INTERF. ADAPT.	1MHz	3.95
6828	PRIORITY INTERRUPT CONTR.		7.95
6845	CRT CONTROLLER	1MHz	2.95
68230	HMOS Parallel Interf/timer	10MHz	11.95
68661	NMOS Enhanced Prog.Comm.Interface		7.95

### DYNAMIC RAMS

M3764	64Kx1	150ns	1.75
4116	16,384x1	150ns	1.39
		200ns	.89
4164	65,536x1	175	
41256	262,144x1	80ns	3.25
		150ns	1.30
4464	65,536x4	150ns	3.30
		80ns	4.50
4517	16,384x1 NMOS	150ns	1.95
MM5262	2048x1 PMOS		.99
MM5298	8192x1		.19
1MB	1,048,576x1	120ns	4.50
		80ns	4.99

### EEPROM

SEEQ 52B13	5V *USED	
2,048x8	*GUARANTEED	
(INTEL 2816)		\$1.50

### SERIAL EEPROMS

	24256	.45
	93C46	.79
	93C56	.89
	93C66	.99

### PROM

2732A	
4096x8 300ns	
	\$1.95

### 8000, 8200 SERIES

8031-12	CPU WITH RAM AND I/O	2.95
80C31	CMOS version of above	4.95
8035	use 8048 - see below -	-
8039	8-BIT MICROCONTROLLER	5.95
8048	MPU 8-BIT (CAN BE USED FOR 8035)	1.10
8085	8-BIT CPU 32 I/O 5 MHz	5.95
80C85	CMOS version of above	7.96
8086	8-BIT CPU 32 I/O 8MHz	4.95
8088	8-BIT CPU 16 I/O 8 MHz	5.95
8214	PRIORITY INTERRUPT CONTROL.	3.95
8228	SYS. CONTROL./BUS DRIVER	3.49
8237	DMA CONTROLLER	3.95
8250	ASYN. COMM. ELEMENT	6.95
8251A	USART	3.49
8253	PROG. INTERVAL TIMER	1.95
8254	PROG. INTERVAL TIMER	3.95
82C54	CMOS PROG. INTERVAL TIMER	3.95
8255-5	PROG. PERIPHERAL I/O	5.75
8257-5	PROG. DMA CONTROLLER	3.49
8259A	PROG. INTERRUPT CONTROL.	2.25
8284	CLOCK GENERATOR/DRIVER	2.95
8288	BUS CONTROLLER	3.95

### GAL

20V8-25	1.75
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### PAL

16R4	\$1.75
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### CONVERTERS

DAC08	8-BIT D-A	1.40
ADC0804	8-BIT A-D	2.50
ADC0816	8-BIT A-D	9.95
DAC20EO	HI SPEED D-A	7.95
MAX167C	12-BIT A-D	7.95
AD561	10-BIT D-A	14.95
AD779JD	14-BIT A-D	29.95
AD1878JD	Hi Perf. A-D	24.95
AD1879JD	Hi Perf. A-D	24.95
NE5150	(3) 4-BIT D-A	4.95
NE5151	(3) 4-BIT D-A	4.95
TLC7524	8-BIT MDAC	2.95
AD7528	DUAL 8-BIT D-A	2.95
AD7533LN	10-BIT D-A	4.95
AD7541A	12-BIT D-A	7.95
AD7547K	12-BIT D-A	11.95
AD7845J	12-BIT D-A	9.95
ADC12034	12-BIT A-D	9.95



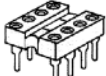
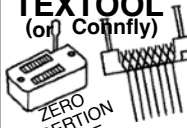
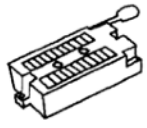

### MISCELLANEOUS

MC9S08QG8CPBE	MCU, 8K FLASH	1.25
ER1422B	40-PIN DIP	3.95
1732		3.95
NMC2116		1.95
DM2503	8-BIT SUCC. APPROX. REG.	2.95
AM2505		1.95
AM2901	CPU	14.95
IDM2911	MICROPROG. SEQUENCER	4.95
N3002	4-BIT MICROPR. SLICE	4.95
D3624A	512 x 8 PROM	4.95
MK36C36		
4201A		
63S1681AN	2K x 8 PROM	7.95
65S138		
MC68HC705C8ACP	8-bit MCU 40-pin	7.95
MB7138H	PROGR. SCHOTTKY ROM	1.95
NEC 7220	Hi-Perf Graphics Displ Contr	11.95
AM9517A-4	DMA CONTROLLER	6.95
AM9519APC	UNIV. INTERRUPT CONTR.	19.95
TMS9995NL-12	16-BIT MICROCOMP.	11.95
CD22402	CMOS LSI SYNC GEN.	8.35
NS32016N-10	32-BIT MICROPROG.	8.95
NS32201D-10	TIMING CONTROL UNIT	19.95
TS68230CP10	HMOS Parallel Interf/timer	11.95

### BUBBLE MEMORY

7220	Controller	9.95
7225	Controller	9.95
7230	current pulse generator	4.95
7234	current pulse generator	4.95
7242	dual formatter/sense amp	2.95
7244	dual formatter/sense amp	2.95
7245	?? D7245A-1 22-pin DIP	1.95

## I . C . SOCKETS

 <h3>SOLDER TAIL</h3> <p>DUAL WIPE TIN PLATED</p> <table border="1"> <tr> <td>1</td><td>100</td><td>1K</td></tr> <tr> <td>6 PIN .08</td><td>-.07</td><td>.07</td></tr> <tr> <td>8 PIN .10</td><td>.09</td><td>.075</td></tr> <tr> <td>14 PIN .12</td><td>.08</td><td>.065</td></tr> <tr> <td>16 PIN .14</td><td>.10</td><td>.06</td></tr> <tr> <td>18 PIN .18</td><td>.12</td><td>.09</td></tr> <tr> <td>20 PIN .21</td><td>.16</td><td>.12</td></tr> <tr> <td>22 PIN .22</td><td>.17</td><td>.11</td></tr> <tr> <td>24 PIN .24</td><td>.17</td><td>.11</td></tr> <tr> <td>28 PIN .25</td><td>.22</td><td>.17</td></tr> <tr> <td>32 PIN .28</td><td>.25</td><td>.20</td></tr> <tr> <td>40 PIN .39</td><td>.33</td><td>.10</td></tr> </table> <p>*.3" or .6"</p>	1	100	1K	6 PIN .08	-.07	.07	8 PIN .10	.09	.075	14 PIN .12	.08	.065	16 PIN .14	.10	.06	18 PIN .18	.12	.09	20 PIN .21	.16	.12	22 PIN .22	.17	.11	24 PIN .24	.17	.11	28 PIN .25	.22	.17	32 PIN .28	.25	.20	40 PIN .39	.33	.10	 <h3>WIRE WRAP</h3> <p>3-LEVEL</p> <table border="1"> <tr> <td>1</td><td>100</td></tr> <tr> <td>8 PIN .65</td><td>-.04</td></tr> <tr> <td>14 PIN 1.25</td><td>-.04</td></tr> <tr> <td>16 PIN 1.30</td><td>-.04</td></tr> <tr> <td>18 PIN 1.40</td><td>.98</td></tr> <tr> <td>20 PIN* 1.50</td><td>-.04</td></tr> <tr> <td>22 PIN .88</td><td>.77</td></tr> <tr> <td>24 PIN 1.55</td><td>1.11</td></tr> <tr> <td>28 PIN 1.65</td><td>1.25</td></tr> <tr> <td>40 PIN 1.99</td><td>-.04</td></tr> </table> <p>* 2-level</p>	1	100	8 PIN .65	-.04	14 PIN 1.25	-.04	16 PIN 1.30	-.04	18 PIN 1.40	.98	20 PIN* 1.50	-.04	22 PIN .88	.77	24 PIN 1.55	1.11	28 PIN 1.65	1.25	40 PIN 1.99	-.04	 <h3>MACHINED CONTACTS</h3> <table border="1"> <tr> <th colspan="2">SOLDER</th> <th colspan="2">3-LEVEL WIRE WRAP</th> </tr> <tr> <td>6 PIN</td><td>.27</td> <td>1</td><td>100</td> </tr> <tr> <td>8 PIN</td><td>.32</td> <td></td><td>.98</td> </tr> <tr> <td>14 PIN</td><td>.52</td> <td>8 PIN</td><td>1.11</td> </tr> <tr> <td>16 PIN</td><td>.59</td> <td>14 PIN</td><td>2.25</td> </tr> <tr> <td>18 PIN</td><td>.72</td> <td>16 PIN</td><td>2.50</td> </tr> <tr> <td>20 PIN</td><td>.61</td> <td>18 PIN</td><td>1.74</td> </tr> <tr> <td>22 PIN#</td><td>.96</td> <td>20 PIN</td><td>2.95</td> </tr> <tr> <td>24 PIN#*</td><td>.96</td> <td>22 PIN#</td><td>2.15</td> </tr> <tr> <td>28 PIN*</td><td>.99</td> <td>24 PIN*</td><td>2.20</td> </tr> <tr> <td>32 PIN</td><td>1.35</td> <td>28 PIN*</td><td>2.25</td> </tr> <tr> <td>36 PIN</td><td>1.34</td> <td>32 PIN</td><td>2.35</td> </tr> <tr> <td>40 PIN</td><td>1.20</td> <td>40 PIN</td><td>2.75</td> </tr> <tr> <td>48 PIN</td><td>1.40</td> <td>48 PIN</td><td>3.40</td> </tr> <tr> <td>64 PIN</td><td>1.95</td> <td>64 PIN</td><td>4.75</td> </tr> </table> <p># .3 or .4" * .3 or .6"</p>	SOLDER		3-LEVEL WIRE WRAP		6 PIN	.27	1	100	8 PIN	.32		.98	14 PIN	.52	8 PIN	1.11	16 PIN	.59	14 PIN	2.25	18 PIN	.72	16 PIN	2.50	20 PIN	.61	18 PIN	1.74	22 PIN#	.96	20 PIN	2.95	24 PIN#*	.96	22 PIN#	2.15	28 PIN*	.99	24 PIN*	2.20	32 PIN	1.35	28 PIN*	2.25	36 PIN	1.34	32 PIN	2.35	40 PIN	1.20	40 PIN	2.75	48 PIN	1.40	48 PIN	3.40	64 PIN	1.95	64 PIN	4.75	 <h3>TEXTOL (or Connfly)</h3> <p>ZERO INSERTION FORCE</p> <table border="1"> <tr> <td>14 PIN</td><td>11.95</td><td>12.95</td></tr> <tr> <td>16 PIN</td><td>* 5.95</td><td>11.05</td></tr> <tr> <td>18 PIN</td><td>11.32</td><td>11.55</td></tr> <tr> <td>20 PIN</td><td>7.95</td><td>12.26</td></tr> <tr> <td>22 PIN</td><td>12.20</td><td>12.87</td></tr> <tr> <td>24 PIN</td><td>10.84</td><td>10.94</td></tr> <tr> <td>24 PIN*</td><td>-.04</td><td>13.43</td></tr> <tr> <td>28 PIN#</td><td>7.95</td><td>-.04</td></tr> <tr> <td>32 PIN</td><td>-.04</td><td>18.99</td></tr> <tr> <td>40 PIN</td><td>14.95</td><td>15.80</td></tr> <tr> <td>48 PIN</td><td>19.63</td><td>26.40</td></tr> <tr> <td>64 PIN</td><td>-.04</td><td>26.51</td></tr> </table> <p>* 0.3", # UNIV. 0.3-0.6" * Connfly mfg</p>	14 PIN	11.95	12.95	16 PIN	* 5.95	11.05	18 PIN	11.32	11.55	20 PIN	7.95	12.26	22 PIN	12.20	12.87	24 PIN	10.84	10.94	24 PIN*	-.04	13.43	28 PIN#	7.95	-.04	32 PIN	-.04	18.99	40 PIN	14.95	15.80	48 PIN	19.63	26.40	64 PIN	-.04	26.51	 <h3>ARIES</h3> <p>Z.I.F. SOCKETS</p> <p>&gt;&gt; UNIVERSAL (.3-.6") &gt;&gt; PLUGS INTO ANY SOC. &gt;&gt; TIN-PLATED &gt;&gt; NORMALLY CLOSED &gt;&gt; BLACK COLOR</p> <table border="1"> <tr> <td>24-PIN</td><td>\$8.10</td></tr> <tr> <td>32-PIN</td><td>12.30</td></tr> <tr> <td>48-PIN</td><td>16.45</td></tr> </table>	24-PIN	\$8.10	32-PIN	12.30	48-PIN	16.45	 <h3>SIP SOCKETS</h3> <p>22-PIN SOLDER-TAIL ROBINSON-NUGENT \$ .10 each 100/\$8</p> <p>MACHINED CONTACTS (CAN SNAP APART)</p> <table border="1"> <tr> <th colspan="2">SOLDER</th> </tr> <tr> <td>4 PIN</td><td>4/\$1</td> </tr> <tr> <td>40 PIN</td><td>1.95 1.75 1.55</td> </tr> </table> <p>RIGHT ANGLE</p> <table border="1"> <tr> <td>10 PIN</td><td>3/\$1</td><td>.28</td><td>.21</td></tr> </table>	SOLDER		4 PIN	4/\$1	40 PIN	1.95 1.75 1.55	10 PIN	3/\$1	.28	.21
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32-PIN	12.30																																																																																																																																																																												
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SOLDER																																																																																																																																																																													
4 PIN	4/\$1																																																																																																																																																																												
40 PIN	1.95 1.75 1.55																																																																																																																																																																												
10 PIN	3/\$1	.28	.21																																																																																																																																																																										

### WIRE WRAP ID TAGS

8 PIN	5/\$1
18 PIN	5/\$1.95
20 PIN	5/\$1.95
22 PIN	5/\$1.95
24 PIN	* 5/\$2.95

\*.3"

### BURNDY

### ZERO INSERTION FORCE

SCREWDRIVER OPERATED

50 PIN	\$1.00
--------	--------

### QFP Test Socket

for 100-pin .5mm

## \$14.95

### PGA

20 PIN	WIRE WRAP	\$2.95
28 PIN	WIRE WRAP	4.20
32 PIN	WIRE WRAP	4.80
44 PIN	8x8x2 WIRE WRAP	6.60
52 PIN	WIRE WRAP	7.80
64 PIN	10x10x2 SOLDER	1.95
68 PIN	11x11x2 WIRE WRAP	2.04
84 PIN	13x13x2 SOLDER	10.20
	WIRE WRAP	2.52
	SOLDER	12.60
121 PIN	13x13x3 SOLDER	3.75
	WIRE WRAP	18.15

### PLCC

	Thru hole	Surface mount
20 PIN	\$ .80	.90
28 PIN	.85	.99
32 PIN	.90	1.10
44 PIN	.95	1.20
52 PIN	1.10	1.30
68 PIN	1.25	1.40
84 PIN	1.50	1.60

EXTRACTION TOOL 18 - 124 POS. \$5.95

### COMPONENT CARRIERS

8 PIN GOLD	1	95
14 PIN GOLD	1.35	-.04
16 PIN TIN	.69	.61
18 PIN TIN	.85	.79
20 PIN TIN	.85	.78
24 PIN TIN	1.10	.90
28 PIN TIN	1.49	-.04
28 PIN GOLD	1.75	-.04

### OPTO ISOLATORS

	SINGLE \$ .38 6-PIN	DUAL \$ .75 8-PIN	QUAD \$ 1.50 16-PIN		
PART#	DESCR.	VIO	CTR	RESP.	FEATURES
4N25	SINGLE	2.5kV	20%		
4N26	SINGLE	2.5kV	20%		
4N27	SINGLE	6kV	10%		
4N28	SINGLE	6kV	10%		GEN. PURP.
4N31	SINGLE DARL.	1.5kV	50%	6us	
4N32	SINGLE DARL.	6kV	500%		GEN. PURP.
4N33	SINGLE DARL.	1.5kV	500%	5us	
4N35	SINGLE	6kV	100%		
6N136	SINGLE	8kV	19%	1Mb/s	HI SPEED
CNY17-1	SINGLE	4kV	40%		HI RELIABIL.
CNY75B	SINGLE	5kV	100%		
FCD805	SINGLE				
FCD820	SINGLE	2.1kV	20%	2.5us	
IL-1	SINGLE	2.5kV	20%	2us	GEN. PURP.
IL-5	SINGLE	2.5kV	50%	2us	GEN. PURP.
IL-10 **	SINGLE	8kV	50%		HI VOLTAGE
IL-12	SINGLE	1kV	2%	2us	
IL-15	SINGLE	1.5kV	20%	2us	
IL-16	SINGLE	1.5kV	14%	2us	
IL-30	SINGLE DARL.	6kV	100%		HI GAIN
IL-74	SINGLE	1.5kV	12.5%	6us	
IL-201	SINGLE	5kV	10%		LO INP CUR.
IL-202	SINGLE	5kV	30%		LO INP CUR.
IL-203	SINGLE	5kV	50%		LO INP CUR.
IL-505	SINGLE				
ILA-55	SINGLE DARL.	1.5kV	100%	10us	
ILCA-230	SINGLE DARL.	1.5kV	100%	10us	
ILCA-255	SINGLE DARL.	1.5kV	100%		
ILD-55	DUAL DARL.	6kV			
ILQ2	QUAD PHOTOTRANS				
ILQ-74	QUAD	1.5kV	12.5%	6us	
MCS2	SINGLE	1.5kV		2us	THYRIS. OUT
MOC3010	SINGLE	7.5kV			TRIAC DRVR
MCT66	DUAL	1.5kV	6%	15us	
NCT200	SINGLE	1.5kV			
NCT260	SINGLE	1.5kV			
PS2501-1A	SINGLE	5.0kV	300%		HI-SPEED SW. 4-pin
SFH600-1	SINGLE	2.8kV	63%	3us	HI RELIABIL.
SFH600-2	SINGLE	2.8kV	100%	3us	HI RELIABIL.
SFH600-3	SINGLE	2.8kV	160%	4us	HI RELIABIL.
SFH601-1	SINGLE	5.3kV	40%	2us	HI RELIABIL.
SFH601-2	SINGLE	5.3kV	63%	3us	HI RELIABIL.

### special OPTO ISOLATORS 8-pin

LOC110... \$1.95	IL300... \$4.95
------------------	-----------------

### CRYSTALS

	<b>CRYSTALS</b>
1 25	1 25
15.750KHz \$1.50 .-	8.000 .95 .75
19.060KHz 1.50 .-	8.064MHz .95 .85
20.030KHz 1.50 .-	8.448000 .95 .85
32.768KHz \$ .75 .60	9.8304 .95 .75
100KHz 1.50 .95	10.000 .95 .75
* 1MHz .75 .65	11.000 .95 .75
(these are big w/short lds)	11.0592 .95 .75
1.3008 1.95 1.49	12.000 .95 .75
1.5078 1.95 1.49	12.288 .95 .75
1.8432 1.95 1.49	13.4784 .95 .75
1.8432 (small) \$2.49	14.31818 .95 .75
2.000 (small) \$2.25	15.000 .95 .75
2.448 1.00 .89	16.000 .95 .75
2.4576 1.75 1.25	18.000 1.19 .89
2.4576 (small) \$2.25	18.19584 1.19 .89
2.881 1.95 1.59	18.432 1.19 .89
3.000 .95 .75	18.87 1.19 .89
* 3.563 .65 .55	19.6608 1.19 .89
* 3.579545 .65 .55	20.000 1.25 1.05
3.579545 .95 .75	24.0000 1.35 1.12
* 4.0000 .65 .55	24.576 1.35 .89
4.000 .95 .75	25.000 1.35 1.12
4.024 .95 .89	27.0000 1.35 1.12
4.096 .95 .89	30.0000 1.40 1.25
4.345 .95 .89	32.000 1.35 1.12
4.433618 .95 .89	36.0000 1.35 1.12
4.9152 .95 .89	40.000 1.35 1.19
5.000 .95 .75	48.000 1.35 1.19
5.0688 .95 .75	50.000 1.35 1.19
5.1172 .95 .89	100.000 1.49 1.23
6.000 .95 .75	110.5000 1.35 1.19
6.144 .95 .75	118.000 1.35 1.19
6.176 .95 .75	160.000 1.49 1.23
7.000 .95 .75	
* 8.0000 .65 .55	

\* HOUSE MARKED

### CRYSTAL CLOCK OSCILLATOR

TTL		PIN 1: NC	PIN 8: OUT
		PIN 7: GND	PIN 14: +5V
1	10	25	
\$2.95	2.55	2.30	
FULL SIZE		1/2 SIZE	
1.000 MHz	20.000	1.8432MHz	20.000MHz
1.8432	24.000	2.4576	24.000
2.0000	24.576	4.000	25.000
2.4576	25.000	5.000	32.000
3.6864	32.000	8.000	32.768
4.0000	36.00000	10.000	33.333
5.000	38.880	11.0592	36.000
5.0688	40.000	12.000	40.000
6.144	48.00000	14.31818	45.000
8.0000	50.000	16.000	50.000
9.8304	60.000	18.000	66.666
10.000	64.0000	19.6608	
11.0592	66.666		
12.0000	70.0000		
15.000	80.000		
16.000			
18.432MHz		<b>ECL</b>	
19.6608		\$4.95	
19.98000		110.500MHz	135.000MHz

### LED LIGHT EMITTING DIODE

T1-3/4 (5mm) JUMBO			
	1	100	1K
SUPER BRIGHT			
RED (8Kmod)	24/\$2.95	---	---
RED (15Kmod)	.75	.55	---
BLUE (12Kmod)	3/\$1	---	---
WHITE (16Kmod)	3/\$1	---	---
ORANGE	.75	---	---
DIFFUSED LENS			
RED	12/\$1	.08	.012
GREEN	6/\$1	.11	---
YELLOW	10/\$1	.08	---
BLINKING (2 each red, grn, yel, blu)			\$1.75
CLEAR LENS			
RED	2/\$1	.40	---
GREEN	6/\$1	1.0	---
YELLOW	3/\$1	.30	---
LED PANEL MOUNTS			
BLACK PLASTIC			
3mm	10/\$1	---	---
5mm	10/\$1	---	---
CHROME			
3mm	1.26		
5mm	.89		
T1 (3mm) MINI			
DIFFUSED LENS			
RED	6/\$1	.10	---
GREEN	6/\$1	.10	---
YELLOW	6/\$1	.10	---
SuperBright ORANGE	2/\$1		
CLEAR LENS			
RED	6/\$1	.05	---
BLUE (18Kmod)	5/\$1	---	---
GREEN (10Kmod)	5/\$1	.05	---
YELLOW	5/\$1	---	---

### SPECIAL SHAPES ALL HAVE DIFFUSED LENSES

ARROW	
	100
RED	3/\$1 .---
GREEN	3/\$1 .25
YELLOW	3/\$1 .25
CYLINDRICAL	
RED	3/\$1 .19
GREEN	3/\$1 .19
YELLOW	3/\$1 .19
RECTANGULAR	
RED	3/\$1 .18
YELLOW	3/\$1 .18
RECTANGULAR WITH WHITE BODY	
GREEN	4/\$1 .15
YELLOW	4/\$1 .15
RECTANGULAR (TOMBSTONE DESIGN FOR CLOSE SPACING)	
RED	3/\$1 .18
GREEN	3/\$1 .19
YELLOW	3/\$1 .19
SQUARE	
RED	3/\$1 .18
GREEN	3/\$1 .19
YELLOW	3/\$1 .19
TRIANGULAR	
RED	3/\$1 .18
GREEN	3/\$1 .19
YELLOW	3/\$1 .19
TWO COLOR	
	LEAD 2 C.C. RED & GREEN THREE LEAD 3/\$1 TWO LEAD SQUARE or TRIANGULAR 3/\$1

### DISPLAYS 7 SEGMENT

R	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>.28"</td><td>C.C.</td><td>DP RIGHT</td><td>HA1077R</td><td>75¢</td></tr> <tr><td>.28"</td><td>C.A.</td><td>DP RIGHT</td><td>HD1075R</td><td>75¢</td></tr> <tr><td>.28"</td><td>C.C.</td><td>DP RIGHT</td><td>HD1077R</td><td>75¢</td></tr> <tr><td>.3"</td><td>C.A.</td><td>DP LEFT</td><td>DL707</td><td>85¢</td></tr> <tr><td>.3"</td><td>C.C.</td><td>DP RIGHT</td><td>DL704</td><td>85¢</td></tr> <tr><td>.43"</td><td>C.A.</td><td>DP LEFT</td><td>5082-7750</td><td>85¢</td></tr> <tr><td>.43"</td><td>C.A.</td><td>DP RIGHT</td><td>DL7751R</td><td>45¢</td></tr> <tr><td>.43"</td><td>C.C.</td><td>DP RIGHT</td><td>DL7760R</td><td>85¢</td></tr> <tr><td>.5"</td><td>C.C.</td><td>DP RIGHT</td><td>FND503</td><td>95¢</td></tr> <tr><td>.53"</td><td>C.A.</td><td>DP RIGHT</td><td>HD1131R</td><td>85¢</td></tr> <tr><td>.56"</td><td>C.A.</td><td>DP RIGHT</td><td>LT6760R</td><td>75¢</td></tr> <tr><td>.8"</td><td>C.C.</td><td>DP LEFT</td><td>DL850</td><td>\$1.25</td></tr> <tr><td>.8"</td><td>C.A.</td><td>DP RIGHT</td><td>FND807</td><td>\$1.25</td></tr> <tr><td>.8"</td><td>C.C.</td><td>DP RIGHT</td><td>DL3403</td><td>\$1.25</td></tr> </table>	.28"	C.C.	DP RIGHT	HA1077R	75¢	.28"	C.A.	DP RIGHT	HD1075R	75¢	.28"	C.C.	DP RIGHT	HD1077R	75¢	.3"	C.A.	DP LEFT	DL707	85¢	.3"	C.C.	DP RIGHT	DL704	85¢	.43"	C.A.	DP LEFT	5082-7750	85¢	.43"	C.A.	DP RIGHT	DL7751R	45¢	.43"	C.C.	DP RIGHT	DL7760R	85¢	.5"	C.C.	DP RIGHT	FND503	95¢	.53"	C.A.	DP RIGHT	HD1131R	85¢	.56"	C.A.	DP RIGHT	LT6760R	75¢	.8"	C.C.	DP LEFT	DL850	\$1.25	.8"	C.A.	DP RIGHT	FND807	\$1.25	.8"	C.C.	DP RIGHT	DL3403	\$1.25
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### +/- OVERFLOW

.3" RED	C.A. NO DP DL701 55¢
.4" H.E.R.	C.A. DP RIGHT HD11060 69¢
.4" RED	C.A. DP RIGHT HD1106R 69¢
.4" RED	C.C. DP RIGHT HD1108R 69¢
.43" H.E.R.	UNIV. DP RHT DL7650 79¢
.43" RED	UNIV. DP RHT DL7756 75¢
.43" GRN	UNIV. DP RHT DL7676G 75¢
.43" YEL	UNIV. DP RHT DL7666Y 75¢
.53" RED	C.A. DP RIGHT HD1132R 85¢
.53" RED	C.C. DP RIGHT HD1134R 85¢
.63" RED	C.A. NO DP DL746 35¢
.63" RED	C.C. NO DP DL749 35¢
.8" RED	UNIV. DP RHT DL3406 85¢

### BAR GRAPH

10-element 20-pin RED or GRN \$2.25

### GAP DETECTORS

4-PIN 75¢ 5us CLAIREX CLI-810M	4-PIN 2/\$1 210mW 10us SPX1878-12

### TWO DIGIT

	RED .5" C.C. DP RIGHT DL528 1.10
	RED .51" C.A. DP RIGHT DL727 .85
	RED .51" C.C. DP RIGHT DL728 .65
POLARITY OVERFLOW	
	RED .51" C.A. DL721 35¢

### Photo Transistor

NPN T-1 MEL708 2/\$1

### Cadmium Sulfide PHOTO CELLS

125mW	2/\$1.08
400mW	\$1.59

Cancer and/or Reproductive Harm  
**WARNING** [www.P65Warnings.ca.gov/product](http://www.P65Warnings.ca.gov/product)

# non-polarized CAPACITORS

**CERAMIC DISC**

1 - 820PF 1 100 500  
.001 - .047µfd 8c 5c 4c  
.01µfd 9c 7c 5c  
11c 9c 7c

SOLD IN MULTIPLES OF 10pcs

1 PF	5.6	18	56	180	600	5000	.04
1.2	6.8	20	62	220	620	5600	.047
1.5	8	22	65	250	680	6800	.1
1.8	8.2	27	68	270	820	.01µF	
2.2	10	33	75	330	1000	.015	
2.7	12	36	100	390	2200	.02	
4.7	13	39	120	470	3300	.022	
5.0	15	47	150	560	4700	.033	

**DIPPED MONOLITHIC CERAMIC**

3.3PF - .082µfd	.15	.11	----	1	100	1K
0.1µfd	.14	.12	.09			
0.15 - .68µfd	.25	.20	----			
1.0µfd	.32	.28	.22			
2.2 - 6.8µfd	.75	.65	----			
10 - 100µfd	.95	.85	----			

3.3PF	62	680	.027	1.0uf
5.6	68	820	.033	2.2uf
6.8	82	1000	.047	4.7uf
10	100	1500	.056	6.8uf
12	120	1800	.082	10uf
15	150	2200	.1	22uf
18	180	2700	.15	47uf
20	220	3300	.18	100uf
22	270	4700	.2	
27	300	6800	.22	
33	330	.01µF	.33	
39	390	.012	.47	
47	470	.015	.56	
56	560	.022	.68	

**MOLDED MONOLITHIC CERAMIC**

**CK05 25¢**

9.1PF	39	270	2200	.033
10	47	330	2700	.047
11	56	390	3900	.056
12	68	470	4700	.1
15	100	560	6800	
20	120	680	8200	
22	150	820	.01µF	
27	180	1000	.015	
33	220	1500	.022	

**CK06 35¢**

.0033	.015	.22
.0047	.047	.33
.0068	.1	.47
.01	.15	.56

**AXIAL CERAMIC**

1	100	1K
9c	8c	7c

1.8PF	12	56	330	2700	.056
2.2	15	68	390	3300	.1
2.7	18	75	470	3900	.22
3.3	20	82	560	4700	.27
3.9	22	100	680	6800	.33
4.7	27	120	820	.01µF	.47
5.6	30	150	1000	.015	
6.8	33	180	1200	.022	1µFD
8.2	36	200	1500	.027	@ .48
10	39	220	1800	.033	
11	47	270	2200	.047	

**HIGH VOLTAGE CERAMIC DISC**

5pf	1KV	8/\$1	220	1KV	8/\$1	1800	3KV	5/\$1
10	1KV	6/\$1	220	2KV	8/\$1	2000	1KV	8/\$1
15	1KV	8/\$1	220	3KV	8/\$1	2200	3KV	6/\$1
27	500V	8/\$1	250	1KV	10/\$1	2700	500V	20/\$1
27	1KV	8/\$1	300	1KV	6/\$1	3300	1KV	6/\$1
27	3KV	8/\$1	330	1KV	6/\$1	4700	6KV	\$1.00
47	3KV	8/\$1	470	1KV	6/\$1	5000	1.4KV	8/\$1
68	1KV	8/\$1	1000	500V	6/\$1	6800	1KV	7/\$1
100	1KV	8/\$1	1000	1KV	6/\$1	0.01uf	1KV	6/\$1
150	1kv	8/\$1	1000	3KV	5/\$1			

**GLASS**

1	100	1K
10c	9c	8c

10PF	56	390	4700	.1
15	62	470	6800	.22
18	68	560	.01µF	.33
22	82	680	.015	.47
27	100	1000	.022	
36	130	1500	.033	
39	220	2200	.039	
47	330	3300	.047	

**DIPPED SILVER MICA**

**PRICING:**

1 - 200PF 25c  
220 - 300PF 30c  
330 - 470PF 40c  
510 - 1000PF 50c  
.0012 - .0089 60c

1PF	24	52	130	430	1500	6800
3	27	53	150	470	1800	7500
4	30	56	160	510	2000	8900
5	33	59	180	620	2400	
6	36	62	200	650	2700	
7	38	68	220	680	3300	
8	39	75	230	750	3600	
10	40	82	240	800	3900	
12	41	90	270	820	4300	
15	43	91	300	910	4700	
18	47	100	330	1000	5100	
20	48	110	360	1200	5600	
22	51	120	390	1300	6200	

**DIP MONOLITHIC**

.1" BODY THICKNESS  
.3" LEAD SPACING

15c					
100PF	1000	.01µF	.047	.33	
220	1500	.018	.1	.47	
330	1800	.022	.15		
470	4700	.033	.22		

**CAP PACK**

100pfd 16 pin 8 caps 50c  
.01µfd 16 pin 8 caps 50c

20µfd 20 pin \$1.00

**MOLDED AXIAL MONOLITHIC**

1	50	100
23c	20c	18c

3.9PF	120	470	.047	.27
22	150	820	.1	.33
27	180	1000	.12	.47
33	220	6800	.15	1µF
39	390	.01µF	.18	

**PRECISION CAPS**

2% 50V RADIAL LEAD TEN/\$1

.00116	.00183	.00357	.00732
.00128	.0023	.00366	.00906
.00145	.00251	.0041	.0135
.0016	.00256	.00453	.0154
.00167	.00316	.00725	.0178

**TRIMMER CAPACITORS**

.35 - 3.5PF	\$.95	9 - 35PF	.60
1.8 - 6PF	.60	10 - 35PF	.60
2.5 - 6PF	.60	6 - 50PF	.60
2 - 8PF	.60	5 - 55PF	.60
2.7 - 10PF	.60	5 - 60PF	.60
4 - 15PF "NPO"	.60	9.8 - 60PF	.60
5.5 - 18PF	.50	15 - 60PF	.65
3.5 - 20PF	.60	75 - 150PF	1.50
4 - 20PF	.60	12 - 180PF	1.65
5 - 30PF	.60		

**POLY**

300PF	820	2400	6800
390	1200	3000	7500
470	1600	3300	9100
500	2000	4700	.01µF
680	2200	5000	.016

**MYLAR RADIAL LEAD**

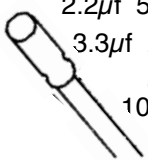
µFD/VOLT.	\$	.0022/100	.09	.0047/400	.14	.0082/630	.18	.022/250	.14	.047/200	.14	.1/250	.14	.22/450	.22	.68/200	.26	4.7/100	.62
330PF/100	.08	.0022/250	.10	.0047/630	.16	.01/63	.09	.022/400	.16	.047/250	.15	.1/400	.24	.33/63	.17	.68/250	.28	4.7/450	.95
560/50	.08	.0022/400	.14	.0056/50	.08	.01/100	.10	.022/630	.18	.047/400	.16	.1/630	.39	.33/100	.18	.68/400	.45	6.8/63	.69
.001/50	.08	.0022/600	.16	.0056/630	.16	.01/200	.11	.022/1000	.22	.047/630	.18	.1/1000	.46	.33/250	.20	.82/250	.31	6.8/250	.79
.001/63	.09	.0022/1600	.20	.0056/1600	.40	.01/250	.11	.027/1000	.10	.047/1600	.42	.12/50	.12	.33/400	.22	1/100	.28	6.8/400	.99
.001/100	.09	.0027/2kV	.22	.006/50	.08	.01/400	.12	.027/400	.16	.056/50	.10	.12/100	.13	.33/600	.35	1/250	.31	10/250	1.95
.001/630	.12	.003/400	.14	.0068/50	.08	.01/630	.13	.027/630	.18	.056/100	.11	.12/250	.14	.39/250	.21	1/400	.45		
.001/1000	.14	.0033/63	.09	.0068/63	.09	.01/1600	.17	.03/50	.10	.056/250	.14	.12/400	.22	.39/400	.23	1/450	.47		
.0012/2000	.18	.0033/100	.09	.0068/100	.09	.012/400	.12	.033/50	.10	.056/630	.18	.15/63	.12	.47/50	.18	1.8/250	.33		
.0013/50	.08	.0033/400	.14	.0068/200	.12	.012/1000	.15	.033/100	.10	.068/63	.11	.15/100	.13	.47/63	.19	2.2/50	.32		
.0015/100	.09	.0039/100	.09	.0068/630	.18	.015/400	.12	.033/1600	.20	.068/400	.17	.15/400	.22	.47/200	.24	2.2/250	.48		
.0018/50	.14	.0039/630	.15	.0068/1250	.21	.015/1000	.15	.039/100	.10	.068/1600	.55	.18/100	.15	.47/250	.25	3/250	.59		
.0018/1000	.15	.0047/63	.08	.0075/50	.08	.015/1250	.18	.039/630	.18	.082/100	.11	.22/50	.14	.47/400	.45	3.3/250	.55		
		.0047/100	.09	.0082/100	.11	.022/50	.09	.047/63	.11	.1/63	.20	.22/63	.15	.68/50	.22	3.3/400	.69		
		.0047/250	.11	.0082/400	.16	.022/100	.10	.047/100	.11	.1/100	.12	.22/250	.20	.68/100	.24	4.3/100	.59		

**MYLAR AXIAL LEAD**

µFD/VOLT.	\$	.0033/600	.11	.01/63	.07	.022/100	.09	.1/200	.13	.22/100	.20	.47/250	.38	1.5/200	.48
820PF/200	.08	.0033/1000	.13	.01/80	.08	.022/250	.10	.1/250	.14	.22/160	.22	.56/100	.39	3/100	.47
.001/100	.08	.0047/50	.08	.01/100	.09	.047/80	.11	.1/3kV	2.95	.22/1000	.45	.56/250	.40	3.3/250	.60
.001/200	.09	.0047/80	.08	.01/200	.10	.047/100	.12	.12/50	.11	.27/100	.21	.56/400	.42	5/400	.75
.0015/200	.09	.0056/100	.08	.012/50	.08	.047/200	.12	.15/50	.11	.33/80	.18	.68/100	.39		
.0022/80	.09	.0068/200	.09	.012/80	.08	.047/3kV	1.95	.15/80	.11	.33/100	.22	.68/200	.41		
.0022/100	.09	.0068/1200	.15	.015/100	.09	.056/100	.12	.15/100	.12	.33/200	.22	.68/400	.43		
.0022/200	.08	.0075/50	.08	.015/200	.10	.082/80	.11	.15/200	.14	.33/250	.23	1/50	.38		
.0022/630	.11	.0082/200	.09	.015/250	.10	.082/200	.12	.18/200	.16	.47/50	.24	1/100	.42		
.0027/80	.08	.0082/50	.08	.015/630	.12	.1/50	.11	.22/50	.16	.47/80	.25	1/250	.46		
		.0082/200	.09	.022/50	.08	.1/100	.12	.22/80	.18	.47/100	.32	1.2/400	.50		

Aluminum Electrolytic  
**Non-Polarized**

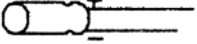

2.2µf 50V 8/\$1  
3.3µf 25V 15/\$1  
&  
10µf 100V 45¢



polarized

# CAPACITORS

polarized

ELECTROLYTIC		ALUMINUM		RADIAL LEAD		ELECTROLYTIC					
											
µFD/VOLT./\$	3.3/350 .35	10/250 .36	33/160 .32	82/35 .16	150/25 .21	270/200 .88	560/200 .95	1000/63 .68	2200/100 2.95	8200/16 .79	<b>Super Caps</b> 1 farad 2.7V .75 10 farad 2.7V 3.95 50 farad 2.7V 5.95
.1/50 .10	4.7/16 .11	10/350 .40	33/200 .35	82/50 .18	150/200 .55	330/10 .20	680/6.3 .22	1000/200 1.89	2700/10 .58	10,000/16 .99	
.22/50 .10	4.7/25 .11	10/400 .42	33/250 .38	82/200 .42	150/250 .62	330/16 .23	680/10 .24	1000/250 1.95	2700/50 .75	15,000/16 1.45	
.22/100 .14	4.7/35 .13	10/500 1.11	33/400 .54	82/400 .69	150/400 .89	330/25 .24	680/16 .28	1200/6.3 .38	3300/6.3 .45	22,000/25 2.50	
.47/50 .11	4.7/50 .13	15/35 .12	39/50 .16	100/6.3 .11	150/450 1.50	330/35 .25	680/25 .32	1200/16 .42	3300/10 .62	33,000/16 1.75	
.47/63 .11	4.7/63 .15	15/450 .55	47/6.3 .10	100/10 .12	180/16 .14	330/50 .28	680/35 .42	1200/50 .63	3300/16 .66		
.47/100 .18	4.7/100 .24	22/10 .09	47/10 .11	100/16 .14	180/50 .26	330/100 .64	680/63 .48	1500/6.3 .38	3300/25 .72		
.68/50 .11	4.7/160 .28	22/16 .11	47/16 .12	100/25 .18	200/35 .20	330/200 .89	680/200 1.95	1500/16 .44	3300/35 .76		
1/50 .08	4.7/200 .31	22/35 .13	47/25 .13	100/35 .19	220/10 .12	390/16 .23	680/250 1.95	1500/25 .48	3300/50 .80		
1/100 .12	4.7/250 .35	22/50 .14	47/63 .16	100/50 .21	220/16 .15	390/200 .99	820/25 .36	1500/50 .72	3900/6.3 .47		
1/250 .24	4.7/450 .44	22/100 .24	47/100 .28	100/63 .26	220/25 .23	470/10 .20	820/50 .45	1500/200 2.75	4700/6.3 .49		
1/450 .26	6.8/35 .13	22/160 .28	47/160 .32	100/100 .38	220/35 .25	470/16 .23	820/63 .55	1800/10 .45	4700/10 .59		
2.2/50 .12	6.8/50 .13	22/200 .30	47/250 .42	100/160 .41	220/50 .28	470/25 .30	820/200 1.11	1800/16 .45	4700/16 .69		
2.2/63 .13	6.8/250 .34	22/400 .69	47/350 .52	100/250 .50	220/100 .65	470/35 .35	820/250 1.95	1800/35 .63	4700/25 .75		
2.2/100 .15	10/16 .10	33/16 .11	47/400 .95	100/350 .65	220/200 .75	470/50 .41	1000/6.3 .18	2200/6.3 .49	4700/35 .85		
2.2/160 .19	10/25 .11	33/25 .12	56/25 .14	100/400 .99	220/250 .85	470/100 .68	1000/10 .32	2200/10 .54	4700/50 1.11		
2.2/200 .24	10/35 .12	33/35 .14	68/16 .15	120/16 .14	220/400 .99	470/200 .72	1000/16 .37	2200/16 .58	5600/42 .99		
2.2/400 .36	10/50 .13	33/50 .15	68/50 .17	120/25 .20	270/10 .14	470/400 1.95	1000/25 .42	2200/25 .65	6800/25 .89		
3.3/50 .12	10/100 .24	33/63 .16	68/250 .42	120/250 .52	270/16 .18	560/25 .45	1000/35 .45	2200/35 .68	6800/50 1.49		
3.3/63 .13	10/160 .28	33/100 .24	68/450 .72	120/400 .82	270/100 .58	560/35 .49	1000/50 .62	2200/50 .75	8200/10 .69		

**Super Low ESR**  
 conductive polymer  
 solid aluminum  
 560µfd 2.5V 28¢  
 4V 38¢

ELECTROLYTIC		ALUMINUM	
AXIAL LEAD			
µFD/VOLT./\$	6.8/50 .17	33/35 .20	60/200 .29
.47/25 .09	8/25 .14	33/50 .21	68/16 .18
.47/50 .11	10/16 .12	47/10 .11	100/12 .15
1/50 .13	10/25 .14	47/16 .15	100/15 .18
1/150 .18	10/35 .15	47/25 .16	100/16 .19
1/450 .32	10/100 .18	47/50 .18	100/25 .21
2/50 .22	22/16 .15	47/100 .25	100/35 .25
2.2/50 .13	22/25 .18	50/12 .15	100/63 .32
4.7/25 .12	22/35 .20	50/16 .16	100/100 .35
4.7/50 .14	22/50 .21	50/25 .18	100/450 1.65
4.7/63 .16	33/16 .17	50/50 .23	150/12 .15

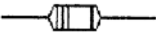



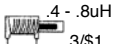
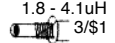
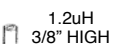

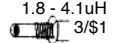
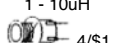
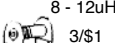




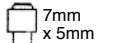
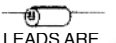



COMPUTER GRADE			
µfd / VDC	\$	4,400/30 1.25	12,000/10 1.49
340/250 2.95	5,000/30 1.25	12,000/16 1.50	
400/125 1.25	5,100/30 1.25	18,000/25 1.95	
470/250 2.95	5,600/25 1.25	20,000/10 1.49	
470/450 2.95	5,800/40 1.40	30,000/15 1.95	
470/500 7.95	6,400/15 1.25	47,000/7.5 1.95	
1,000/75 1.25	7,500/15 1.95		
1,100/250 4.95	8,600/20 1.25		
1,300/50 1.25	9,000/25 1.40		
1,600/75 1.25	9,900/15 1.30		
3,300/25 1.25	10,000/16 1.30		
	10,000/75 2.95		

*Microwave*  
 0.91µf 2100VAC  
 \$3.95


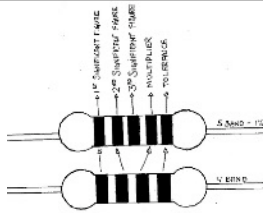
TANTALUM		RADIAL LEAD	
µFD/VOLT./\$	1.5/25 .17	3.3/35 .35	6.8/25 .33
.1/35 .14	1.5/35 .20	4.7/10 .25	6.8/35 .46
.1/50 .21	2.2/15 .16	4.7/16 .26	10/6 .21
.22/35 .17	2.2/16 .16	4.7/25 .28	10/10 .23
.39/35 .10	2.2/25 .18	4.7/35 .42	10/16 .28
.47/35 .16	2.2/35 .29	4.7/50 .68	10/35 .49
.68/50 .23	2.2/50 .54	5.6/15 .29	10/50 2.98
1/35 .16	2.7/35 .16	6.8/6 .21	12/20 .43
1/50 .23	3.3/15 .21	6.8/16 .26	15/10 .40
	3.3/25 .23	6.8/20 .28	15/16 .48

TANTALUM		AXIAL LEAD	
µFD/VOLT./\$	.22/20 .24	1.5/20 .28	6.8/15 .55
.015/35 .25	.22/35 .28	2.2/15 .27	6.8/20 .61
.018/35 .25	.33/35 .28	2.2/20 .29	6.8/35 .29
.022/35 .25	.47/35 .28	2.2/30 .30	10/20 .62
.056/35 .27	.47/50 .32	2.2/50 .20	10/25 .68
.068/35 .27	.56/15 .28	2.7/30 .32	12/20 .64
.082/20 .25	.68/75 .38	2.7/35 .32	15/20 .64
1/35 .28	1/50 .34	4/12 .18	15/35 .72
			56/10 .80
			68/10 .85

# INDUCTORS/FERRITE

MOLDED INDUCTORS	ADJUSTABLE INDUCTORS	BEADS	CORES
 size in µH mm .75 8x3 3/\$1 .82 8x3 3/\$1 .90 7x4 3/\$1 1 8x3 4/\$1 1 12x4 3/\$1 1.3 10x3 3/\$1 2 13x5 3/\$1 2.5 13x6 3/\$1 2.7 5x2 5/\$1 3.9 14x5 3/\$1 4.7 5x1.5 5/\$1 6.5 8x3 8/\$1 7.8 15x8 5/\$1 9 22x6 6/\$1 10 22x6 6/\$1 11 8x3 3/\$1 24 22x5 2/\$1 27 31x8 2/\$1 39 20x10 2/\$1 56 8x5 3/\$1 125 30x12 \$1 150 8x4 3/\$1 220 20x10 2/\$1 330 7x4 4/\$1 470 10x4 3/\$1	 .75µH 10mm 3/\$1 2.5 13mm 3/\$1 11 10mm 5/\$1 15 13mm 3/\$1 20 20mm \$1 70 13mm 3/\$1 75 13mm 3/\$1 87 9mm 3/\$1 125 20mm 6/\$1 178 10mm 3/\$1 450 22mm \$1	 length/dia./hole (mm) 3x3x1 20/\$1 4x5x1 15/\$1 7x4x3 10/\$1 9x3.5x1 12/\$1 9x7x6 8/\$1 9x8x1 10/\$1 10x5x2 10/\$1 10x10x5 8/\$1 11x5x1 10/\$1 12x12x8 8/\$1 14x7x2.5 8/\$1	 DIA./WIDTH/HOLE 10mm/3mm/4mm 10/\$1 13mm/5mm/8mm 8/\$1 13mm/6mm/8mm 8/\$1 20mm/8mm/14mm 6/\$1 22mm/6mm/14mm 6/\$1 22mm/10mm/14mm 6/\$1
	 4 - .8µH 3/\$1  5 - .9µH 2/\$1 27mm LONG  1.2µH 3/8" HIGH \$1.00  .7 - 1.7µH 3/\$1 100/\$25	 1.8 - 4.1µH 3/\$1  1 - 10µH 4/\$1  8 - 12µH 3/\$1  10 - 130µH 2.5" LONG \$1  200 - 400µH 3/\$1	 SPLIT FERRITE CORE  2 sets/\$1.00
	 7mm x 5mm 8/\$1  LEADS ARE WOUND THRU 10/\$1	 3/\$1  5µH 27µH 100µH	 6mm x 7mm 10/\$1

# RESISTORS

<b>LEAD BENDER</b> 1/4 & 1/2 WATT \$4.35 		<b>1 WATT</b> 1 ---- 10c 100 ---- 8c	
.05Ω 1.0 24 110 510 3.9K 82K .1 1.5 27 120 560 4.7K 100K .18 2.2 33 130 680 5.6K 160K .22 2.7 36 150 750 6.8K 220K .25 3.9 39 160 820 7.5K 330K .27 4.7 43 180 910 10K 470K .33 5.1 47 200 1K 11K 680K .39 5.6 51 220 1.2K 12K 1M .47 10 56 240 1.5K 15K 1.5M .5 12 62 270 1.8K 22K 3.9M .56 15 68 330 2K 33K 10M .62 16 75 360 2.2K 39K .68 18 82 370 2.4K 47K .75 20 91 390 2.7K 56K .82 22 100 470 3.3K 68K	<b>2 WATT</b> 1 ---- 15c 100 ---- 10c		
.20Ω 3.9 43 180 820 3.6K 33K .22 4.7 47 200 910 3.9K 36K .22 6.8 51 220 1K 4.7K 47K .27 10 56 240 1.1K 5.6K 51K .3 12 62 270 1.2K 6.8K 100K .33 12 62 270 1.2K 6.8K 100K .39 15 68 300 1.3K 7.5K 220K .5 20 75 330 1.5K 8.2K 270K .5 22 82 390 1.8K 10K 330K .56 24 91 430 2K 15K 390K .56 27 100 470 2.2K 20K 470K 1.0 30 110 510 2.4K 22K 510K 1.5 30 120 560 2.7K 24K 820K 2.2 33 150 680 3K 27K 910K 2.7 36 160 750 3.3K 30K 1M			
<b>1/8w</b> 10/50c 100/\$3 1000/\$23 5% CARBON STANDARD VALUES 1 OHM - 1 MEG PLUS; 1.2M, 2.2M, 2.7M, 3.3M, 4.3M 4.7M, 5.6M, 6.2M, 6.8M	<b>1/4w</b> CARBON FILM 5% 1/4w 5% \$3.25 ea. 150 MEG. Metal oxide STANDARD VALUES 1 OHM - 10 MEG PLUS ZERO OHM, 20M & 22M 10/35c, 100/\$2.50 1000/\$15 5K/\$59		
<b>1/2w</b> MOST VALUES IN STOCK 10/55c 100/\$4 1K/\$32 plus: 0.33Ω & 0.75Ω	 <p>0 - BLACK                  1 - BROWN                  2 - RED                  3 - ORANGE                  4 - YELLOW                  5 - GREEN                  6 - BLUE                  7 - VIOLET                  8 - GREY                  9 - WHITE</p>		

*3W and greater... POWER resistors listed by ohms first...*

Ohm	W	%	\$	10	5W	5%	4/\$1	270	10W	2/\$1	
.01Ω	3W	1%	3/\$1	10	10W	5%	2/\$1	270	25W	5%	2/\$1.25
.01	15W	1%	\$2.50	10	25W	5%	2/\$1.25	300	5W	5%	4/\$1
.025	3W	3%	3/\$1	10	70W	5%	7.95	300	25W	5%	2/\$1.25
.10	10W	5%	2/\$1	15	3W	5%	5/\$1	310	10W?	5%	3/\$1
.10	25W	1%	\$1.95	15	5W	5%	4/\$1	330	3W	5%	5/\$1
.10	30W??		\$1.50	15	7W	5%	2/\$1	330	7W	5%	4/\$1
.10	300W	10%	\$9.95	18	3W	5%	5/\$1	330	10W	5%	2/\$1
.121	5W	1%	\$1.00	22	5W	5%	4/\$1	360	3W	5%	4/\$1
.18	5W???		2/\$1	22	50W	5%	\$2.25	390	5W	5%	4/\$1
.20	25W	10%	\$1.50	30	10W	5%	2/\$1	400	3W	5%	4/\$1
.22	5W	5%	4/\$1	33	2W	5%	8/\$1	400	10W	5%	2/\$1
.22	10W	5%	2/\$1	33	5W	5%	4/\$1	430	3W	5%	4/\$1
.25	5W	1%	2/\$1	36	5W	5%	4/\$1	470	10W	5%	2/\$1
.33	5W		2/\$1	37	5W	1%	4/\$1	470	ADJ.		\$2.50
.39	3W	1%	3/\$1	40	9W	5%	3/\$1	500	75W?		95c
.47	3W		4/\$1	40.2	30W	1%	\$2.50	510	3W	5%	4/\$1
.75	25W	3%	\$1.95	47	5W	1%	3/\$1	560	5W	5%	4/\$1
1	5W	5%	2/\$1	47	10W	5%	2/\$1	620	4W	10% FP	4/\$1
1	10W	5%	2/\$1	47	50W	5%	\$2.25	750	5W	5%	4/\$1
1	40W	5%	\$1.00	50	3W	1%	4/\$1	750	10W	5%	2/\$1
1	50W	5%	\$2.95	50	5W	5%	4/\$1	800	7W	5%	3/\$1
1	150W		\$4.95	56	5W	5%	4/\$1	800	10W		2/\$1
1.25	10W	1%	\$1.75	62	10W	5%	2/\$1	820	10W	5%	2/\$1
1.5	5W	1%	3/\$1	68	5W	2%	75c	1K	3W	1%	2/\$1
1.5	10W	5%	2/\$1	70	20W	5%	\$1.35	1K	5W	5%	4/\$1
1.5	50W	5%	\$1.95	75	5W	10%	5/\$1	1K	10W	5%	2/\$1
2	10W	5%	2/\$1	75	10W		2/\$1	1.5K	5W	5%	4/\$1
2	25W	5%	2/\$1.25	100	5W	5%	4/\$1	1.8K	5W	5%	4/\$1
2.4	10W	5%	2/\$1	100	10W		2/\$1	2.7K	5W	5%	4/\$1
3	3W	2%	12/\$1	100	20W	5%	\$1.35	3K	10W	ADJ.	\$1.00
3	10W	ADJ.	\$1.00	100	50W	5%	\$1.95	3.1K	7W	KOOLOHM	4/\$1
3.3	5W	5%	4/\$1	120	7W		3/\$1	3.1K	10W	KOOLOHM	3/\$1
3.9	3W	5%	5/\$1	125	5W	5%	4/\$1	3.3K	10W	5%	2/\$1
4	5W	5%	4/\$1	130	5W	5%	4/\$1	3.9K	10W	5%	2/\$1
4.7	3W	5%	4/\$1	130	7W	5%	4/\$1	5K	5W	5%	4/\$1
4.7	5W	10%	4/\$1	150	5W	5%	4/\$1	5K	10W		2/\$1
5	5W	5%	4/\$1	150	100W	ADJ.	\$5.95	10K	5W	5%	4/\$1
5	10W	5%	3/\$1	200	3W	5%	5/\$1	15K	25W	ADJ.	\$2.95
5.1	10W	5%	2/\$1	200	5W	5%	4/\$1	20K	5W	5%	4/\$1
6.04	50W	1%	\$2.95	200	5W	10%	6/\$1	20K	10W		2/\$1
6.49	30W	1%	\$2.50	220	3W	5%	5/\$1	27K	10W		\$1.00
6.8	7W	5%	3/\$1	220	5W	5%	4/\$1	47K	5W	5%	4/\$1
7.5	3W	5%	5/\$1	220	10W	5%	2/\$1	25M	7.5W	1%	\$6.95
7.5	5W	5%	4/\$1	250	5W	5%	4/\$1	76.8M	7.5W	1%	\$7.95
8	7W	5%	3/\$1	250	10W	10%	4/\$1	100M	??	1%	\$8.95
8	25W	5%	\$1.95	250	15W	10%	3/\$1				
8	50W	5%	\$2.25	270	3W	5%	4/\$1				

**1%**  
Metal Film  
10c ea.  
5c @100  
3c @1000

1/8 w att	4.75Ω	47.5	130	348	536	887	1.50K	2.61K	5.11K	9.09K	15K	20.5K	29.4K	38.3K	57.6K	90.9K	174K	255K	499K
	7.68	49.9	162	365	549	909	1.62K	2.74K	6.19K	9.31K	15.8K	21.5K	30.1K	40.2K	59K	100K	182K	274K	511K
	10	51.1	205	374	619	931	1.78K	3.48K	6.49K	9.53K	16.2K	22.1K	30.9K	42.2K	63.4K	107K	187K	287K	562K
	16.2	56.2	215	383	634	976	1.82K	3.92K	6.65K	10K	16.5K	22.6K	31.6K	44.2K	66.5K	110K	191K	316K	619K
	17.8	61.9	221	402	649	1K	1.96K	4.32K	6.81K	12.1K	16.9K	23.2K	32.4K	45.3K	71.5K	115K	196K	332K	665K
	22.1	75	237	432	681	1.05K	2K	4.53K	7.32K	12.4K	17.4K	23.7K	32.4K	46.4K	73.2K	118K	200K	348K	750K
	30.1	76.8	249	453	698	1.10K	2.15K	4.64K	8.06K	12.7K	17.8K	24.3K	33.2K	49.9K	78.7K	130K	210K	365K	909K
	33.2	95.3	261	464	750	1.15K	2.2K	4.75K	8.16K	13.3K	18.2K	24.9K	34K	51.1K	80.6K	147K	221K	383K	1.33M
	34.8	97.6	274	475	787	1.18K	2.21K	4.87K	8.25K	14K	19.6K	26.7K	34.8K	52.3K	82.5K	162K	226K	453K	2.74M
	45.3	100	287	499	806	1.21K	2.37K	4.99K	8.45K	14.7K	20K	27.4K	37.4K	56.2K	88.7K	165K	237K	475K	
	47	127	316	511	825	1.33K	2.45K												
	1Ω	17.4	33.2	61.9	118	226	432	806	1.50K	2.87K	5.49K	10.2K	19.6K	36.5K	63.4K	121K	232K	442K	806K
	1.47	17.8	34	63.4	121	232	442	825	1.54K	2.94K	5.6K	10.5K	20K	37.4K	64.9K	124K	237K	453K	825K
	4.99	18.2	34.8	64.9	124	237	453	845	1.58K	3.01K	5.62K	10.7K	20.5K	38.3K	66.5K	127K	243K	464K	845K
	5.62	18.7	35.7	66.5	127	243	464	866	1.62K	3.09K	5.76K	11K	21K	39.2K	68.1K	130K	249K	475K	866K
	10	19.1	36.5	68.1	130	249	475	887	1.65K	3.16K	5.90K	11.3K	21.5K	40K	69.8K	133K	255K	487K	887K
	10.2	19.6	37.4	69.8	133	255	487	909	1.69K	3.24K	6.04K	11.5K	22.1K	40.2K	71.5K	137K	261K	499K	909K
	10.5	20	38.3	71.5	137	261	499	910	1.74K	3.32K	6.19K	11.8K	22.6K	41.2K	73.2K	140K	267K	511K	931K
	10.7	20.5	39.2	73.2	140	267	511	931	1.78K	3.40K	6.34K	12.1K	23.2K	42.2K	75K	143K	274K	523K	953K
	11	21	40.2	75	143	274	523	953	1.82K	3.48K	6.49K	12.4K	23.7K	43.2K	76.8K	147K	280K	536K	976K
	11.3	21.5	41.2	76.8	147	280	536	976	1.87K	3.57K	6.65K	12.7K	24.3K	44.2K	78.7K	150K	287K	549K	1M
	11.5	22.1	42.2	78.7	150	287	549	1K	1.91K	3.65K	6.81K	13K	24.9K	45.3K	80.6K	154K	294K	562K	1.10M
	11.8	22.6	43.2	80.6	154	294	562	1.02K	1.96K	3.74K	6.98K	13.3K	25.5K	46.4K	82.5K	158K	301K	576K	1.78M
	12.1	23.2	44.2	82.5	158	301	576	1.05K	2K	3.83K	7.15K	13.7K	26.1K	47.5K	84.5K	162K	309K	590K	1.82M
	12.4	23.7	45.3	84.5	162	309	590	1.07K	2.05K	3.92K	7.32K	14K	26.7K	48.7K	86.6K	165K	316K	604K	2M
	12.7	24.3	46.4	86.6	165	316	604	1.10K	2.10K	4.02K	7.50K	14.3K	27.4K	49.9K	88.7K	169K	324K	619K	2.2M
	13	24.9	47.5	88.7	169	324	619	1.13K	2.15K	4.12K	7.68K	14.7K	28K	51K	90.9K	17			

### MULTI-TURN TRIMPOTS

Top or Side	10 OHM - 1 MEG	\$1.50	1.40	1.35	1.29
Adjust	2M	1.88	1.78	---	---
Values Stocked:	10	200	5K *	47K	250K
	20	500	10K *	50K *	500K
	50	1K	20K	100K	1M
	100	2K	25K	200K	2M
3/4" Long	10	500	20K	500K	
	20	1K	25K	1M	
	50	2K	50K	2	
\$1.25	200	10K	250K		
Type P	200	5K			
\$1.50	2K	20K			

\* denotes NEW pricing of \$1.75

1.25" Long \$2.50

### SINGLE-TURN TRIMPOTS

TO-5 STYLE	20	5K	200K		
*TOP ADJ.	50	10K	220K		
*METAL	200	20K	250K		
*1/4" DIA.	1K	25K	2M		
	2.2K	50K			
	2.5K	100K			
*TOP ADJ.	10	1K	20K	250K	
"3/8" SQ.	20	2K	25K	2M	
"1/4" DIA.	100	2.2K	50K		
	200	5K	100K		
	500	10K	200K		
*3/8" SQ. *1" L/S	20	500	10K	100K	
	50	1K	20K	200K	
	100	2K	25K		
	200	5K	50K		
"3/8" SQ. 75c ea.					
"3/8" SQ. 95c ea.					
"3/8" SQ. 75c ea.					
"3/8" SQ. 95c ea.					

### 10K DIGITAL POT

8-pin DIP or DFN w/SPI interface 95¢

### SLIDE POTS

2K	1-3/8"	75c	10K	5"	\$1.50
5K	1-3/4"	75c	100K	100K	1-3/8" 75c
10K	2"	95c			

### RESISTORS

6-PIN	20c	8-PIN	22c	10-PIN	25c	14-PIN	58c	16-PIN	62c
VALUES STOCKED:									
22	68	220	560	1.8K	4.7K	15K	47K		
27	82	270	680	2K	5.6K	18K	56K		
33	100	330	820	2.2K	6.8K	22K	68K		
39	120	390	1K	2.7K	8.2K	27K	82K		
47	150	470	1.2K	3.3K	10K	33K	100K		
56	180	510	1.5K	3.9K	12K	39K			
TERMINATORS 220/330					TERMINATORS 220/330				
6 PIN	48c	8 PIN	58c	10 PIN	65c	14 PIN	95c	16 PIN	99c

### SOME VALUES WE JUST HAPPEN TO HAVE

5 PIN 4x100K	10/\$1	10 PIN 9x51	4/\$1
8 PIN 4x10	6/\$1	10 PIN 330/390	4/\$1
8 PIN 4x75	6/\$1	10 PIN 330/470	3/\$1
8 PIN 4x20K	8/\$1	11 PIN 10x4.7K	4/\$1
8 PIN 4x1M	6/\$1		
8 PIN 7x51	6/\$1		
8 PIN 7x220K	6/\$1	14 PIN 13x200	3/\$1
8 PIN 22/33	6/\$1	16 PIN 8x5.1K	2/\$1
9 PIN 8x1K	6/\$1	16 PIN 15x1M	2/\$1
9 PIN 8x1.5K	6/\$1	16 PIN 180/390	2/\$1
9 PIN 8x2.2K	6/\$1	16 PIN 220/270	3/\$1
9 PIN 8x10K	6/\$1	16 PIN 330/470	2/\$1
9 PIN 8x470K	4/\$1	16 PIN 620/910	3/\$1
10PIN 5x10	5/\$1		

### PANEL MOUNT POTS

\* SMALL SELECTION IN STOCK  
1/8" and 1/4" shafts  
\* SINGLE-TURN 75c - \$3.95

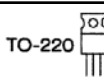
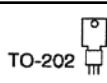
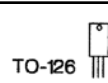
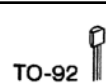
# DIODES

Anode Cathode

Part#	Type	Info	\$	1	100	Part#	Type	Info	\$	1	100	Part#	Type	Info	\$
1N60P	GERMANIUM	4/\$1				1N4747	ZENER	20V 1W	.16	.11	1N5339	ZENER	5.6V 5W	.40	.35
1N270	GERMANIUM	2/\$1 .35				1N4749	ZENER	24V 1W	.16	.11	1N5340	ZENER	6V 5W	.40	.35
1N456	SIGNAL	25V 40mW	12/\$1	.07		1N4750	ZENER	27V 1W	.16	.11	1N5341	ZENER	6.2V 5W	.40	.35
1N749	ZENER	4.3V 400mW	.12	.07		1N4751	ZENER	30V 1W	.16	.11	1N5342	ZENER	6.8V 5W	.40	.35
1N752	ZENER	5.6V 400mW	.12	.07		1N4752	ZENER	33V 1W	.16	.11	1N5343	ZENER	7.5V 5W	.40	.35
1N753	ZENER	6.2V 400mW	.12	.07		1N4753	ZENER	36V 1W	.16	.11	1N5344	ZENER	8.2V 5W	.40	.35
1N755	ZENER	7.5V 400mW	.12	.07		1N4754	ZENER	39V 1W	.16	.11	1N5345	ZENER	8.7V 5W	.40	.35
1N759	ZENER	12V 400mW	.12	.07		1N4757	ZENER	51V 1W	.16	.11	1N5346	ZENER	9.1V 5W	.40	.35
1N821	ZENER	6.2V 250mW	.10			1N4758	ZENER	56V 1W	.16	.11	1N5347	ZENER	10V 5W	.40	.35
1N829	ZENER	6.2V 250mW	.10			1N4759	ZENER	62V 1W	.16	.11	1N5348	ZENER	11V 5W	.40	.35
1N914	SIGNAL	75V 10mA	15/\$1	.05		1N4760	ZENER	68V 1W	.16	.11	1N5349	ZENER	12V 5W	.40	.35
1N916	SIGNAL	FASTER 1N914	12/\$1	.06		1N4762	ZENER	82V 1W	.16	.11	1N5350	ZENER	13V 5W	.40	.35
1N964	ZENER	13V 400mW	.12	.07		1N4763	ZENER	91V 1W	.16	.11	1N5351	ZENER	14V 5W	.40	.35
1N965	ZENER	15V 400mW	.12	.07		1N4933	FAST RECT.	1A 50V 200ns	.20		1N5352	ZENER	15V 5W	.40	.35
1N968	ZENER	20V 400mW	.12	.07		1N4934	FAST RECT.	1A 100V 200ns	.22		1N5353	ZENER	16V 5W	.40	.35
1N969	ZENER	22V 400mW	.12	.07		1N4935	FAST RECT.	1A 200V 200ns	.25		1N5354	ZENER	17V 5W	.40	.35
1N971	ZENER	27V 400mW	.12	.07		1N4936	FAST RECT.	1A 400V 200ns	.27		1N5355	ZENER	18V 5W	.40	.35
1N972	ZENER	30V 400mW	.12	.07		1N4937	FAST RECT.	1A 600V 200ns	.28		1N5356	ZENER	19V 5W	.40	.35
1N2070	RECTIFIER	.75A 400V	.35	---		1N5221	ZENER	2.4V 1/2W	.12	.07	1N5357	ZENER	20V 5W	.40	.35
1N2094	RECTIFIER	.75A 400V	.27	---		1N5222	ZENER	2.5V 1/2W	.12	.07	1N5358	ZENER	22V 5W	.40	.35
1N2129	RECTIFIER	60A 100V	3.95	---		1N5223	ZENER	2.7V 1/2W	.12	.07	1N5359	ZENER	24V 5W	.40	.35
1N2984	ZENER	20V 10W	.95	.75		1N5225	ZENER	3V 1/2W	.12	.07	1N5362	ZENER	28V 5W	.40	.35
1N3016	ZENER	6.8V 1W	.15	---		1N5226	ZENER	3.3V 1/2W	.12	.07	1N5365	ZENER	36V 5W	.40	.35
1N3019	ZENER	9.1V 1W	.15	---		1N5227	ZENER	3.6V 1/2W	.12	.07	1N5366	ZENER	39V 5W	.40	.35
1N3028	ZENER	22V 1W	.15	---		1N5228	ZENER	3.9V 1/2W	.12	.07	1N5378	ZENER	100V 5W	.40	.35
1N3063	SIGNAL	75V 10mA	10/\$1			1N5229	ZENER	4.3V 1/2W	.12	.07	1N5382	ZENER	140V 5W	.40	.35
1N3208	RECTIFIER	15A 50V	.68	---		1N5230	ZENER	4.7V 1/2W	.12	.07	1N5383	ZENER	150V 5W	.45	.40
1N3595		150V 500mW	.15	.09		1N5231	ZENER	5.1V 1/2W	.12	.07	1N5385	ZENER	170V 5W	.45	.40
1N4001	RECTIFIER	1A 50V	10/\$1	.05		1N5232	ZENER	5.6V 1/2W	.12	.07	1N5386	ZENER	180V 5W	.45	.40
1N4002	RECTIFIER	1A 100V	10/\$1	.05		1N5233	ZENER	6V 1/2W	.12	.07	1N5388	ZENER	200V 5W	.55	.50
1N4003	RECTIFIER	1A 200V	10/\$1	.05		1N5234	ZENER	6.2V 1/2W	.12	.07	1N5391	RECTIFIER	1.5A 50V	8/\$1	
1N4004	RECTIFIER	1A 400V	10/\$1	.06		1N5235	ZENER	6.8V 1/2W	.12	.07	1N5392	RECTIFIER	1.5A 100V	.13	
1N4005	RECTIFIER	1A 600V	10/\$1	.06		1N5236	ZENER	7.5V 1/2W	.12	.07	1N5393	RECTIFIER	1.5A 200V	.14	
1N4006	RECTIFIER	1A 800V	10/\$1	.06		1N5237	ZENER	8.2V 1/2W	.12	.07	1N5395	RECTIFIER	1.5A 400V	.15	
1N4007	RECTIFIER	1A 1kV	10/\$1	.07		1N5238	ZENER	8.7V 1/2W	.12	.07	1N5401	RECTIFIER	3A 100V	.35	
1N4102	ZENER	8.7V 250mW	LoNOISE	.50		1N5239	ZENER	9.1V 1/2W	.12	.07	1N5402	RECTIFIER	3A 200V	.40	
1N4148	SIGNAL	75V 10mA	20/\$1	.04		1N5240	ZENER	10V 1/2W	.12	.07	1N5406	RECTIFIER	3A 600V	.45	
1N4150	SIGNAL	50V 1mA	15/\$1	.05		1N5241	ZENER	11V 1/2W	.12	.07	1N5525	LoNOISE ZENER	6.2V	.50	
1N4151	SIGNAL	75V	10/\$1	---		1N5242	ZENER	12V 1/2W	.12	.07	1N5624	RECT.	3A 200V	.35	
1N4152	SIGNAL	40V 20mA	20/\$1	.04		1N5243	ZENER	13V 1/2W	.12	.07	1N5711	SCHOTTKY	SIGNAL	.35	.21
1N4153	SIGNAL	75V 20mA	18/\$1	.045		1N5244	ZENER	14V 1/2W	.12	.07	1N5737	ZENER	11V .4W	.20	
1N4154	SIGNAL	35V 30mA	15/\$1	.05		1N5245	ZENER	15V 1/2W	.12	.07	1N5817	SCHTKY. RECT.	1A 20V	.30	.14
1N4446	SIGNAL	75V 10mA	10/\$1	---		1N5246	ZENER	16V 1/2W	.12	.07	1N5818	SCHTKY. RECT.	1A 30V	.35	.16
1N4447	SIGNAL	75V 10mA	15/\$1			1N5247	ZENER	17V 1/2W	.12	.07	1N5819	SCHTKY. RECT.	1A 40V	.40	.18
1N4448	SIGNAL	75V 5mA	15/\$1	.05		1N5248	ZENER	18V 1/2W	.12	.07	1N5820	SCHTKY. RECT.	3A 20V	.39	.23
1N4454	SIGNAL	75V 10mA	15/\$1			1N5249	ZENER	19V 1/2W	.12	.07	1N5821	SCHTKY. RECT.	3A 30V	.42	.26
1N4585	RECTIFIER	1A 800V	10/\$1			1N5250	ZENER	20V 1/2W	.12	.07	1N5822	SCHTKY. RECT.	3A 40V	.45	.28
1N4728	ZENER	3.3V 1W	.16	.11		1N5251	ZENER	22V 1/2W	.12	.07	3SM2	RECT.	5A 200V	.45	
1N4729	ZENER	3.6V 1W	.16	.11		1N5252	ZENER	24V 1/2W	.12	.07	5KP15A	VOLT. SUPPR.	15V	1.80	
1N4730	ZENER	3.9V 1W	.16	.11		1N5253	ZENER	25V 1/2W	.12	.07	6A10	RECT.	6A 1kV	.55	
1N4731	ZENER	4.3V 1W	.16	.11		1N5254	ZENER	27V 1/2W	.12	.07	30CPQ080	SHTKY.	30A 80V	1.25	
1N4732	ZENER	4.7V 1W	.16	.11		1N5256	ZENER	30V 1/2W	.12	.07	30CPQ100	SHTKY.	30A 100V	1.50	
1N4733	ZENER	5.1V 1W	.16	.11		1N5257	ZENER	33V 1/2W	.12	.07	32CTQ030.	SHTKY.	30A 30V	.75	
1N4734	ZENER	5.6V 1W	.16	.11		1N5258	ZENER	36V 1/2W	.12	.07	95HQ015	SHKTY.	95A 15V	3.95	
1N4735	ZENER	6.2V 1W	.16	.11		1N5259	ZENER	39V 1/2W	.12	.07	A15A	RECT.	3A 100V	.30	
1N4736	ZENER	6.8V 1W	.16	.11		1N5260	ZENER	43V 1/2W	.12	.07	BY500-800	RECT.	5A 800V	.50	
1N4737	ZENER	7.5V 1W	.16	.11		1N5265	ZENER	62V 1/2W	.12	.07	BZX85C	ZENER	4.3V 1W	.18	.09
1N4738	ZENER	8.2V 1W	.16	.11		1N5266	ZENER	68V 1/2W	.12	.07	CR3-040	RECT.	3A 400V	.40	
1N4739	ZENER	9.1V 1W	.16	.11		1N5268	ZENER	82V 1/2W	.12	.07	DS3E1	RECT.	3A 100V	.30	
1N4740	ZENER	10V 1W	.16	.11		1N5282	SIGNAL	55V .5A 10/\$1	.08		FDH666	SWITCH.	100mA 40V	.06	
1N4741	ZENER	11V 1W	.16	.11		1N5333	ZENER	3.3V 5W	.40	.					



# TRANSISTORS

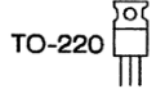
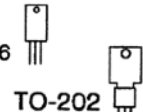
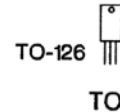


PART #	TYPE	P/N	Pd	V <sub>CEO</sub>	I <sub>C</sub>	h <sub>FE</sub>	CASE	\$	PART #	TYPE	P/N	P <sub>D</sub>	V <sub>CEO</sub>	I <sub>C</sub>	h <sub>FE</sub>	CASE	\$
2N918	RF	NPN	200mW	15V	50mA	20	TO-72	3/\$1	BC307	AMP	PNP	-350mW	-45V	-100mA	120-800	TO-92	5/\$1
2N956	GP	NPN	500mW	50V		50	TO-18	3/\$1	BC337	NPN		45V				TO-92	3/\$1
2N1131	GP	PNP	600mW	35V	600mA	15	TO-5	4/\$1	BC558B	GP	PNP	30V	100mA	200-450	TO-92	5/\$1	
2N1671	UJT	PN Bar-type	450mW	30V			TO-5	\$2.50	BD242C	PWR	PNP	40W	100V	3A	20	TO-220	.85
2N1702	PWR	NPN	75W	40V	5A	15-60	TO-3	\$1.95	BS170	MOSFET	N-CHANNEL	830mW	60V	500mA		TO-92	2/\$1
2N2219	GP	NPN	800mW	30V	800mA	100-300	TO-5	3/\$1	BUJW25	HV/PWR	NPN	125W	400V	10A	15-40	TO-3	1.25
2N2222A	GP	NPN	800mW	40V	800mA	100-300	TO-18	2/\$1	BUZ11A	MOSFET	N-CHANNEL	75W	50V	26A		TO-220	.75
2N2432	NPN		300mW	30V	100mA	50	TO-18	3/\$1	BUZ80	MOSFET	N-CHANNEL	62W				TO-220	1.45
2N2484	LoPWR	NPN	360mW	60V	50mA	150	TO-218	4/\$1	D41D8	PWR	PNP	10W	60V	1A	10	TO-202	.50
2N2605	GP	PNP	30mW	60V	10mA	100-400	TO-46	3/\$1	D43C1	PWR	PNP		30V	3A		TO-202	2/\$1
2N2845	SW	NPN	360mW	30V		30-120	TO-18	.75	D45C3	PWR	PNP	1.6W	30V	4A	40-120	TO-220	2/\$1
2N2896	LoPWR	NPN	500mW	90V	1A	50	TO-18	3/\$1	D45VH10	PWR	PNP	83W	80V	15A	20	TO-220	.75
2N2905	SW	PNP	600mW	40V	600mA	100-300	TO-5	3/\$1	E119	FET						TO-220	2/\$1
2N2907A	SW	PNP	600mW	60V	600mA	100	TO-18	4/\$1	FCU5N60	MOSFET	N-CHAN.		600V	4.6A		I-PAK	1.11
2N3055	PWR	NPN	117W	60V	15A	20-70	TO-3	1.25	IRF520	MOSFET	N-CHAN.		100V	9A		TO-220	.85
2N3251A	GP	PNP	360mW	60V	200mA	100-300	TO-18	4/\$1	IRF530N	MOSFET	N-CHAN.		100V	17A		TO-220	.85
2N3390	LoPwr	NPN	200mW	25V	100mA	400	TO-92	4/\$1	IRF540N	MOSFET	N-CHAN.	130W	100V	33A		TO-220	.94
2N3439	HV	NPN	1W	350V	1A	40	TO-5	.75	IRF620	MOSFET	N-CHAN.	70W	200V	6A		TO-220	.75
2N3440	HV	NPN	1W	300V	1A	40	TO-39	.75	IRF630	MOSFET	N-CHAN.	75W	200V	9A		TO-220	.85
2N3467	PWR	PNP	1W	40V	500mA	40-120	TO-5	.60	IRF644	MOSFET	N-CHAN.		250V	14A		TO-220	.85
2N3497	HV	PNP	400mW	120V	100mA	40	TO-18	3/\$1	IRF720	MOSFET	N-CHAN.	50W	400V	3.3A		TO-220	.75
2N3563	RF	NPN	200mW	12V	50mA	20-200		4/\$1	IRF730	MOSFET	N-CHAN.	100W	400V	5.5A		TO-220	.95
2N3567	GP	NPN	300mW	40V	500mA	40-120		5/\$1	IRF830	MOSFET	N-CHAN.	75W	500V	4.5A		TO-220	1.25
2N3568	GP	NPN	300mW	60V	500mA	40	TO-105	4/\$1	IRF840	MOSFET	N-CHAN.	125W	500V	8A		TO-220	1.50
2N3569	GP	NPN	300mW	40V	500mA		TO-92	4/\$1	IRF905	MOSFET	P-CHAN.	-200W	-55V	-74A		TO-220	1.65
2N3614	GePWR	PNP	85W	45V	7A	60-180	TO-3	4.95	IRF9220	MOSFET	P-CHAN.		-50V	-9A		TO-220	1.10
2N3741	PWR	NPN	25W	80V	4A	40	TO-66	.50	IRF9510	MOSFET	P-CHAN.		-100V	-4A		TO-220	.75
2N3771	PWR	NPN	150W	40V	30A	15-60	TO-3	2.95	IRF9610	MOSFET	P-CHAN.	-20W	-200V	-2A		TO-220	1.49
2N3773	PWR	NPN	150W	140V	16A	15-60	TO-3	1.95	IRFBC40	MOSFET	N-CHAN.		600V	6.2A		TO-220	.75
2N3904	SW	NPN	350mW	40V	200mA	100	TO-92	10/\$1	IRFD9014	MOSFET	P-CHAN.	-1.3W	-60V	-1.1A		4-pinDIP	.89
2N3906	SW	PNP	350mW	40V	200mA	100	TO-92	10/\$1	IRFD9110	MOSFET	P-CHAN.	-1.3W	-100V	-0.7A		4-pinDIP	.59
2N3965	GePWR	PNP	360mW	60V	200mA	250	TO-18	4/\$1	IRFP140	MOSFET	P-CHAN.	-180W	-100V	-21A		TO-247	.95
2N4077	GePWR	NPN	7.5W	20V	1A	75-300	TO-66	.95	IRFU024	MOSFET	N-CHAN.	45W	60V	9A		TO-251	1.25
2N4078	GePWR	NPN	7.5W	20V	1A	75-300	TO-66	.95	IRFZ20	MOSFET	N-CHAN.	40W	50V	15A		TO-220	.65
2N4105	GePWR	NPN	1.6W		1A	70-350	TO-1	.75	IRFZ34N	MOSFET	N-CHAN.	68W	55V	29A		TO-220	1.10
2N4124	SW	NPN	350mW	25V	200mA	120	TO-92	5/\$1	IRG4IBC3	IGBT	N-CHAN.	45W	600V	23A		TO-220	.95
2N4126	SW	PNP	350mW	25V	200mA	120	TO-92	5/\$1	IRLZ44N	MOSFET	N-CHAN.	110W	55V	47A		TO-220	1.50
2N4259	LoPWR	NPN	175mW	30V		70	TO-18	.75	J113	JFET	N-CHAN.	625mW				TO-92	2/\$1
2N4264	SW	NPN	310mW	15V	200mA	40	TO-92	4/\$1	J305	JFET/RF	N-CHAN.	350mW	15V	8mA		TO-92	3/\$1
2N4304	FET	N-CHANNEL	300mW					3/\$1	JE9018	NPN		15V	50mA		TO-92	8/\$1	
2N4354	GP	PNP	350mW	60V	500mA	25		4/\$1	MD2219A	DUAL	NPN	30V	500mA	100	TO-78	7.95	
2N4401	SW	NPN	350mW	40V	600mA	40	TO-92	5/\$1	MEL708-5	PHOTO	NPN	200mW	30V	50mA		T-1 LED	2/\$1
2N4403	SW	PNP	350mW	40V	600mA	60	TO-92	5/\$1	MJ2500	DARL	PNP	150W	60V	10A	1k	TO-3	2.95
2N4410	HV	NPN	625mW	80V	250mA	60	TO-92	4/\$1	MJ2955	PWR	PNP	115W	60V	15A	20-70	TO-3	.95
2N4914	PWR	NPN	87W	60V	5A	25-100	TO-3	2.95	MJ16006	PWR	NPN	150W	450V	8A	5	TO-3	3.50
2N4916	GP	PNP	200mW	30V	100mA	60		5/\$1	MJE210	PWR	PNP	15W	25V	5A	45-180	TO-126	.40
2N4919	PWR	PNP	30W	60V	1A	20-100	TO-126	.75	MJE340	PWR	NPN	20W	300V	500mA	30-240	TO-126	.75
2N4965	GP	PNP	200mW	40V	100mA	100		5/\$1	MJE350	PWR	PNP	20W	300V	500mA	30-240	TO-126	.75
2N5034	PWR	NPN	83W	45V	6A	20-80	TO-219	1.75	MJE370	PWR	PNP	25W	30V	3A	25	TO-126	.95
2N5035	PWR	NPN	83W	45V	6A	20-80	TO-219	1.75	MJE13007	PWR	NPN	80W	400V	8A	5-30	TO-220	1.75
2N5058	HV	NPN	1W	300V	150mA	35-150	TO-5	.75	MPS2369	NPN		310mW	15V	500mA	40	TO-92	5/\$1
2N5087	LoPWR	PNP	350mW	50V	50mA	250	TO-92	5/\$1	MPS3563	RF	NPN	310mW	12V		20	TO-92	4/\$1
2N5127	LoPWR	NPN	200mW	12V	100mA	12	TO-106	6/\$1	MPS3638A	RF	PNP	310mW	25V	500mA	100	TO-92	5/\$1
2N5129	LoPWR	NPN	300mW	12V	500mA	35	TO-106	4/\$1	MPS5179	RF	NPN	350mW	12V	50mA	25-300	TO-92	5/\$1
2N5137	LoPWR	NPN	300mW	20V	500mA	20	TO-106	4/\$1	MPS5771	LoPWR	PNP		15V	10mA	35	TO-92	4/\$1
2N5138	LoPWR	PNP	200mW	30V	100mA	40	TO-106	5/\$1	MPS6515	GP	NPN	625mW	25V	200mA	250-500	TO-92	3/\$1
2N5172	LoPWR	NPN	200mW	25V	100mA	100	TO-92	5/\$1	MPS6516	GP	PNP	350mW	40V	100mA		TO-92	3/\$1
2N5189	SW	NPN	1W	35V	2A	15	TO-5	2/\$1	MPS6530	GP	NPN	310mW	40V	600mA	85	TO-92	4/\$1
2N5194	PWR	PNP	40W	60V	4A	25-100	TO-126	.75	MPS8098	GP	NPN	350mW	60V	200mA	100	TO-92	4/\$1
2N5195	PWR	PNP	40W	80V	4A	25-100	TO-126	.85	MPS8099	GP	NPN	350mW	80V	200mA	100	TO-92	5/\$1
2N5209	LoPWR	NPN	350mW	50V	50mA	150	TO-92	5/\$1	MPSA05	GP	PNP	625mW	60V	500mA	50	TO-92	6/\$1
2N5210	NPN		350mW	50V	50mA	250	TO-92	5/\$1	MPSA06	GP	NPN	625mW	80V	500mA	50	TO-92	5/\$1
2N5223	LoPWR	NPN	350mW	20V	100mA	50	TO-92	5/\$1	MPSA14	DARL	NPN	1W	30V	500mA	10k	TO-92	4/\$1
2N5225	GP	NPN	350mW	25V	500mA	30	TO-92	5/\$1	MPSA18	LoNoise	NPN	625mW	45V	200mA	500-1500	TO-92	6/\$1
2N5226	GP	PNP	350mW	25V	500mA	30	TO-92	5/\$1	MPSA42	HV	NPN	625mW	300V	500mA	40	TO-92	3/\$1
2N5323	PWR	PNP	10W	50V	2A	40-250	TO-5	2/\$1	MPSA43	HV	NPN	625mW	200V	500mA	50	TO-92	3/\$1
2N5336	PWR	NPN	6W	80V	5A	30-120	TO-5	1.95	MPSA55	GP	PNP	625mW	60V	500mA	50	TO-92	6/\$1
2N5355	NPN		360mW	25V	500mA	80	TO-92	4/\$1	MPSA56	GP	PNP	625mW	80V	500mA	100	TO-92	6/\$1
2N5415	HV	PNP		200V	1A	30-50	TO-5	.75	MPSA63	DARL	PNP	625mW	30V	500mA	5k	TO-92	5/\$1
2N5494	PWR	NPN	50W	50V	7A	20-100	TO-220	.65	MPSA92	HV	PNP	625mW	300V	500mA	25	TO-92	5/\$1
2N5496	PWR	NPN	50W	80V	7A	20-100	TO-220	.75	MPSD54	DARL	PNP	12mW	25V	300mA	1k	TO-92	6/\$1
2N5657	HV	NPN	20W	350V	500mA	30-250	TO-126	.95	MPSH34	LoPWR	NPN	625mW	45V	100mA	40	TO-92	5/\$1
2N5770	RF	NPN	700mW	15V	50mA	40	TO-92	3/\$1	MPSW42	HV	NPN	1W	300V	500mA	40	TO-226	3/\$1
2N5772	SW	NPN	625mW	15V	200mA	30	TO-92	3/\$1	MRF901	RF	NPN	300mW	25V	30mA		317-01	1.85
2N5878	PWR	NPN	150W	80V	10A	20-100	TO-3	.85	MTD5P06	TMOS	P-CHAN.	-40W	-60V	-5A		TO-251	.99
2N5951	FET	N-CHANNEL	360mW				TO-92	3/\$1	MTP6N60	TMOS	N-CHAN.	125W	600V	6A		TO-220	.85
2N6038	PWR	NPN	40W	60V	4A	750-18k	TO-126	.85	MTP10N40	TMOS	N-CHAN.	125W	400V	10A		TO-220	.75
2N6042	DARL	PNP	75W	100V	8A	1k	TO-220	.95	MTW32N20	MOSFET	N-CHAN.	180W	200V	32A		TO-247	.95
2N6045	DARL	NPN	75W	100V	8A	1k	TO-220	.95	NP5138	GP	PNP	600mW	40V			TO-92	5/\$1
2																	





# TRANSISTORS (cont'd)



PART #	TYPE	P/N	P <sub>D</sub>	V <sub>CEO</sub>	I <sub>C</sub>	h <sub>FE</sub>	CASE	\$
STP24NF	MOSFET	N-CH.	85W	100V	24A		TO-220	.65
STP60N06	MOSFET	N-CH	150W	60V	60A		TO-220	.89
TIP29C	PWR	NPN	30W	100V	1A	15-75	TO-220	2/\$1
TIP30C	PWR	PNP	30W	100V	1A	15-75	TO-220	.65
TIP31C	PWR	NPN	40W	100V	3A	25	TO-220	.65
TIP32C	PWR	PNP	40W	100V	3A	10-50	TO-220	.65
TIP33C	PWR	NPN	80W	100V	10A	20	TO-218	.89
TIP34	PWR	PNP	80W	40V	10A	20	TO-218	.75
TIP35C	PWR	NPN	125W	100V	25A	10-50	TO-218	1.15
TIP36C	PWR	PNP	125W	100V	25A	10-50	TO-218	1.15
TIP42A	PWR	PNP	65W	60V	6A	15-75	TO-220	.65
TIP49	PWR/HV	NPN	40W	350V	1A	30-150	TO-220	.85
TIP50	PWR/HV	NPN	40W	400V	1A	30-150	TO-220	1.02
TIP51	PWR/HV	NPN	100W	250V	3A	30-150	TO-218	1.25
TIP52	PWR/HV	NPN	100W	300V	3A	30-150	TO-218	1.40
TIP53	PWR/HV	NPN	100W	350V	3A	30-150	TO-218	1.49
TIP62A	PWR	PNP	15W	60V	500mA	15-100	TO-220	2/\$1
TIP73	PWR	NPN	80W	40V	15A	20-150	TO-220	.65
TIP100	DARL	NPN	80W	60V	8A	1k-20k	TO-220	.75
TIP102	DARL	NPN	80W	100V	8A	1k-20k	TO-220	.85
TIP105	DARL	PNP	80W	60V	8A	1k-20k	TO-220	.75
TIP106	DARL	PNP	80W	80V	8A	1k-20k	TO-220	.79
TIP110	DARL	NPN	50W	60V	2A	500	TO-220	2/\$1
TIP111	DARL	NPN	50W	80V	2A	500	TO-220	2/\$1
TIP112	DARL	NPN	50W	100V	2A	500	TO-220	2/\$1
TIP115	DARL	PNP	50W	60V	2A	500	TO-220	2/\$1
TIP117	DARL	PNP	50W	100V	2A	500	TO-220	.65
TIP120	DARL	NPN	65W	60V	5A	1k	TO-220	.65
TIP121	DARL	NPN	65W	80V	5A	1k	TO-220 (use TIP122)	.70
TIP122	DARL	NPN	65W	100V	5A	1k	TO-220	.70
TIP125	DARL	PNP	65W	60V	5A	1k	TO-220	.65
TIP140	DARL	NPN	125W	60V	10A	1k	TO-218	1.29
TIP142	DARL	NPN	125W	100V	10A	500	TO-218	1.45
TIP145	DARL	PNP	125W	60V	10A	1k	TO-218	1.29
TIP2955	PWR	PNP	80W	60V	15A	5	TO-218	.65
TIS93B	GP	PNP	625mW	40V	400mA	160	TO-92	4/\$1
TIS93V	GP	PNP	625mW	40V		100-300	TO-92	4/\$1
VN10LM	MOSFET	N-CHAN.	1W	60V	300mA		TO-237	.60
VP2106N3	MOSFET	P-CHAN.		60V	250mA		TO-92	.75

10% Discount on 100 pcs. (of same item)

### SCR

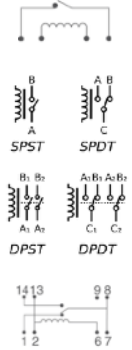
2N4169	100V	8A	STUD	\$1.25
2N4442	200V	4A	TO-225	1.30
X0402MF	600V	4A	TO-202	.42
2N6504	50V	25A	TO-220	1.95
C106F	50V	4A	TO-126	.75
C122F	50V	8A	TO-220	1.10
IS08S	50V	8A	TO-220	1.25
MCR67-2	50V	100A	STUD	.95
MCR72-2	50V	8A	TO-220	1.50
MCR649	60V	20A	TO-3	1.95
S1015L	100V	15A	TO-220	.99
S2020L	200V	20A	TO-220	1.25

### TRIAC

2N6071	200V	4A	TO-126	\$ .55
2N6349	800V	12A	TO-220	1.95
MAC12M	600V	12A	TO-220	.84
MAC97A8	600V	0.8A	TO-92	5/\$1
Q348	400V	6A	TO-220	.69
Q2008L4	200V	8A	TO-220	.75
Q6004L3	600V	4A	TO-220	.69
Q6035RH5	600V	35A	TO-220	.99
Q8010R5	800V	10A	TO-220	.85
Q8012RH5	800V	12A	TO-220	.89

## RELAYS

3V 46.7mA	AROMAT TQ2E-3V	\$1.95
5V REED	CP Clare DSS41A05	.95
5V SPDT	AZ2-1C-5D	1.95
5V	FUJITSU 12ND05	1.95
5V SPDT 2A	AROMAT HB2E-DC5V	2.50
5V 40mW	AROMAT TQ2E-L2-5V	2.50
5V DPDT 2A	FINDER 30.22.7.005.0010	2.95
6V	HASCO HAS111SDC6	.95
12V 16.7mW	AROMAT TQ2E-L2	2.50
12V 2A	AROMAT DS2-ML-DC12V	2.50
12V 3A 200mW	SIEMENS V23105-A5303-A201	2.50
12V 8A 240mW	AROMAT ST2E-DC12V	2.50
12V 30A	NTE R53-1D30-12	3.67
12V 40A	PHILMORE 64-1240	3.69
24V	MAGNECRAFT W171DIP-5	1.00
24V 15A	OMRON LY1 24VDC	3.95
28V 2A	SIGMA 70R2	2.95
<b>SOLID STATE</b>	Crydom D1D40 40A SPST	39.95



# BARGAIN BOARD

**SCOPE PROBE**  
100MHz  
\$24.95  
(pkg. of 2)

**1/4W  
5%  
RESISTORS  
5K/\$5.95**  
(5,000pcs.)  
SOLD BY SPOOL ONLY  
ANY VALUE(S) BELOW

1.2ohm	2.7K
47	4.3K
130	7.5K
150	12K
330	15K
510	18K
680	30K
910	62K
2.4K	330K

## POWER LEDs

cool white  
6000° K Lambertain

	Lumens	
.5W	3.2 - 3.6VDC	\$ .95
1W	3.2 - 3.6VDC (includes heat sink)	\$1.95
3W	3.2 - 3.6VDC (includes heat sink) 220-240	\$2.95

**1N5817**  
T&R SPOOL OF 5,000  
\$250.


### I.C. BLOWOUT

50 PC. MINIMUM PER ITEM

7400		74LS00		74S00		4000	
02 .10	160 .30	10 .10	191 .25	40 .15	4002 .10		
10 .10	163 .30	42 .15	193 .35	64 .17	4008 .35		
14 .20	164 .30	90 .20	194 .30	112 .25	4023 .12		
27 .20	165 .37	96 .35	241 .30	113 .25	4025 .12		
30 .12	166 .35	107 .17	243 .30	114 .30	4028 .25		
54 .22	191 .35	151 .20	253 .20	132 .35	4050 .15		
75 .20	193 .35	151 .20	257 .20	161 .29	4051 .15		
79 .30	195 .40	156 .25	290 .40	163 .99	4077 .12		
92 .28	198 .80	158 .17	366 .20	373 .75	4099 .37		
116 .93	221 .45	160 .30	368 .20				
153 .20	366 .30	162 .30	377 .40				
155 .20	367 .27	166 .45	390 .40				
157 .25							

## COAXIAL ADAPTERS

### In-Series

BNC	male to male	\$1.64	
	female to female	.91	
	female to female	5.17	
	male to (2) female	1.25	
BNC	male to female	2.34	panel mount
	male to (3) female	3.00	'T'
	male to female	3.00	right angle

SMA	male to male	2.67	panel mount
	female to female	2.39	
	female to female	3.11	
	male to female	4.95	
SMA	male to (2) female	3.84	right angle
	male to female	1.42	'F'
	female to female	2/\$1	'F'
	female to female	1.76	UHF
	male to female	3.92	'N'
female to female	2.30	'N'	

### Between-Series

male BNC to male SMA	\$4.26
female BNC to female SMA	3.42
female BNC to male SMA	3.59
male BNC to female SMA	4.16
male BNC to female RCA	1.00
female BNC to male RCA	1.00
male BNC to female 'F'	1.00
female BNC to 1/8" phone plug	2.92
male BNC to female UHF	1.60
female BNC to male mini UHF	2.46
female BNC to male TNC	3.51
female BNC to male UHF	1.67
male 'F' to female BNC	1.00
male 'F' to female RCA	1.00
female 'F' to 3.5mm mono plug	1.00
female 'F' to male RCA	1.00
female 'N' to male UHF	2.82
male 'N' to female UHF	4.17
male 'N' to female SMA	4.67
female 'N' to male SMA	3.41
male 'N' to female BNC	4.67
female TNC to male SMA	3.01
male TNC to female SMA	4.09
female TNC to male UHF	2.17
male UHF to female SMA	3.54

## BNC CONNECTORS

1	50	100
MALE SOLDER:		
FOR RG-58	\$1.21	---
FOR RG-59	1.00	.90 .80
MALE CRIMP:		
FOR RG-6	1.50	---
FOR RG-58	1.00	.87 .75
FOR RG-59	1.00	.84 .72
FOR RG-174	2.12	---
CHASSIS MOUNT JACK: (FEMALE)		
JACK	3.42	---
T ADAPTORS:		
2-FEM., 1-MALE	1.25	.95
3-FEMALE	3.00	2.70
SPLICES:		
DOUBLE MALE	1.64	---
DOUBLE FEMALE	.91	---
THRU PANEL DOUBLE FEMALE	4.32	
P.C.B. RT/ANGLE FEMALE	1.66	
75 OHM 1% TERMINATOR	1.25	

## Ratcheting CRIMPER FRAME



Cancer and/or Reproductive Harm  
[www.P65Warnings.ca.gov/product](http://www.P65Warnings.ca.gov/product)  
**uses INTERCHANGABLE DIES**  
**\$31.55 (frame only)**

Dies in stock:

BNC / TNC	\$17.36
D-sub / Molex	17.36
RG174 Thinner	17.36
R, B, Y, Insul.Term.	17.36
wire Ferrule #22-12	17.36
Broadcast Applic.	17.36
Open Barrel Cont.	18.03

## SMA

Female:	
Str. PCB	\$3.29
R/A PCB	4.95
Male / Crimp:	
RG-58	2.50
RG-59	2.24
RG-174	2.24

## BNC CABLES

RG-58		MALE TO MALE	
3 FT.	\$2.75	10 FT.	\$3.95
6 FT.	\$3.25	25 FT.	\$6.95

## SMA CABLES

RG-316		male to male	
6 in.	\$9.95	24 in.	\$12.50
12 in.	\$10.75	36 in.	\$13.95

## SMZ

GORE		MALE TO MALE	
26GHz and Made in USA			
12 in.	\$17.95	20 in.	\$19.95

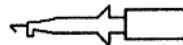
## SMB

Female:	
Str. PCB	\$2.50
R/A PCB	4.50

## MCX

Female:	
Str. PCB	\$2.95

## EZ HOOKS



1.5"	red, blk, blu, gm, yel
2/\$1.62	
2.25"	red, blk, blu, gm, yel
2/\$1.68	

## TEST LEADS



Cancer and/or Reproductive Harm  
[www.P65Warnings.ca.gov/product](http://www.P65Warnings.ca.gov/product)

One End	Length	Other End	Cost
EZ-Hook	16 inch	EZ-Hook	
1 each - blk, red, gm, yel, wht			\$13.66

1" Alligator	14 inch	1" Alligator	
2 each - blk, red, gm, yel, wht			\$9.75

1.5" Alligator	36 inch	1.5" Alligator	
1 2 each - blk, red, gm, yel, wht			\$14.50

BNC	36 inch / RG58	EZ Hook	
8" wire to RED & 8" wire to BLK hooks			\$8.25

* Banana	36 inch	EZ Hook	
1 each red & blk			\$7.95

0.013" Needle	48 inch	* Banana	
Spring-Loaded Tips, 1000V 10A			
1 each red & blk			\$39.50

\* stackable

## UNIVERSAL Test Lead Set

- \* 30 inch Leads
  - \* one Red & one Blk
  - \* Heavily Insulated
  - \* Screw-on attach
- Alligator Clips  
 Large Spade Lugs  
 Phono Tips  
 Banana Plugs
- \$9.01**

## JUMPER CABLE

.025" SQUARE  
 Female to Female

- \* MATES WITH STANDARD HEADER PINS
  - \* PINS ARE FULLY INSULATED (NOT SHOWN)
- 10 Cables of same length/color for **\$4.50**
- 2" Blue 3" Red 5" Black, Red, Yellow, Green, Blue, White
- 7" Black, Red, Yellow, Green, Blue, White
- 12" Black, Red, Yellow, Green, Blue, Violet, White
- 24" Black or Red 10/\$6

## MALE to FEMALE JUMPER CABLE

5" Violet 7" Brown 12" Orange

**10/\$6**

DUAL Banana Binding Posts	Dual 5-Way Binding Posts (one red & one blk)	\$4.14
	One Red & One Blk Binding Post w/ One Male BNC	\$7.34
	Dual Binding Posts w/ Dual Banana Plug	\$3.95
	Stackable Dual Banana Plug (insul. Red or Blk)	\$2.56
Banana Plugs	Dual Banana Plug w/ One Female BNC (insul. Blk)	\$6.42

## Insulated CRIMP LUGS

### RING

3/8"	yel	6/\$1
#10	blu	15/\$1
#10	red	20/\$1
#8	yel	8/\$1
#8	blu	15/\$1
#8	red	20/\$1
#6	red	20/\$1

Many Others in Stock including Spade, Slip-on, Blade, Splice

### BULLETS .156"

22 - 16 (Red)	10A or
16 - 14 (Blu)	15A
(6) Sets / \$1.00	
Male	14/\$1
Female	12/\$1

### WIRE FERRULES

14awg. (Blu)	25/\$3.30
20awg. (Org)	25/\$2.75
24awg. (Yel)	25/\$2.50

Ferrule Assortment  
 50pcs. ea. blu & org  
 100 ea. wht, yel, red  
 \$39.69

## USB ADAPTERS



'A' fem. to 'B' male	\$2.41
'A' male to 'B' fem.	2.41
'A' fem. to 'B' fem.	2.41
'A' male to 'A' male	2.41
'A' fem. to 'A' fem.	2.41
'B' male to 'B' male	2.41
'B' fem. to 'B' fem.	2.41
'A' male to mini-USB(5p-male)	1.32
'A' male to mini-USB(4p-male)	1.32
'A' fem. to 6-p male mini DIN	1.46
Micro USB to Type C	1.95

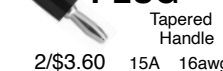
## USB 2.0 CABLES 'A' male to;

USB 'B' male	6 feet	\$2.81
USB 'A' female	10 ft.	\$3.95
9-pin RS232	3 feet	\$5.95
3.5mm stereo plug	4.5'	\$2.25
micro USB 'B'	6 feet	\$3.42
mini 5-pin USB 'B'	6 feet	\$1.95

## USB 3.0 Superspeed

male 'A' to female 'A'	6 feet	\$5.95
------------------------	--------	--------

## SOLDERLESS BANANA PLUG



2/\$3.60 15A 16awg

## INSULATED BANANA JACK



15A 16awg  
 2/\$1.50

All Ten Colors



## WARNING!

The product on this page can expose you to chemicals including DEHP &/or Lead which is [are] known to the state of California to cause cancer, birth defects or other reproductive harm. For more information go to

[www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)

# D-SUBMINIATURE CONNECTORS



**HIGH DENSITY**  
(3-ROW)  
solder cup P.C.B. right angle pin insert

SOLDER CUP/POT			FLAT CABLE	RIGHT ANGLE		P.C.B. DIP SOLDER (STRAIGHT)	WIRE WRAP (STRAIGHT)	PIN INSERT AMP STYLE
STAMPED	MACHINED	HOODS		FOOTPRINT; SHORT	LONG			
DE9P .53 .45	DE9P 2.50 .---	-PLASTIC	DE9P 1.68	DE9P .70 1.08	DE9P .68	DA15P 2.95	DE9P .90	HDE15P .92 1.10 1.25 1.44
DE9S .56 .47	DE9S 2.50 .---	-TWO PIECE	DE9S 1.68	DE9S .70 1.75	DE9S .68			
DA15P .65 .59	DA15P 3.75 .---	-STRAIN RELIEF	DA15P 1.85	DA15P .83 1.42	DA15P .84	DB25P 4.95	DA15P 1.19	HDA26P 1.44 1.75 2.95 3.10
DA15S .69 .64	DA15S 3.75 .---	*SHIELDED	DA15S 1.85	DA15S .83 1.48	DA15S .84			DA15S 1.27
DB25P .95 .83	DB25P 3.95 .---		DB25P 1.85	DB25P .99 1.90	DB25P 1.09	DC37P 7.90	DB25P 1.71	HDB44P 2.10 2.40 4.40 4.40
DB25S .98 .87	DB25S 3.95 .---		DB25S 1.85	DB25S .99 1.95	DB25S 1.09			DB25S 1.83
DC37P 1.14 .82	DC37P 3.28 2.95	DE9 .45 .69	DC37P 4.15	DC37P 1.45 2.60	DC37P 1.60	DD50P 7.45	DC37P 3.07	HDC62P 2.40 3.10 6.50 5.50
DC37S 1.24 .90	DC37S 3.56 2.98	DA15 .48 .79	DC37S 4.15	DC37S 1.45 2.65	DC37S 1.60			DC37S 3.07
DD50P 1.95 1.90	DD50P 3.50 3.15	DB25 .49 .85	DD50P 9.95	DD50P 1.45 2.65	DD50P 3.00	DD50P 7.45	DD50P 4.95	HDD78P 5.85 6.10 15.95 8.55
DD50S 2.19 2.00		DC37 .89 1.10	DD50S 10.50	DD50P .---	DD50S 3.00			DD50P 7.45

## EDGEBOARD CONNECTORS

ALL CONNECTORS ARE DOUBLE ROW  
PIN SIZE IS TOTAL NO. OF PINS  
ST=SOLDERTAIL  
WW=WIRE WRAP  
EYE=SOLDER EYELET  
RT=RIGHT ANGLE

.1" PIN SPACING		.125" SPACING		.156" SPACING	
6 PIN ST \$ .91	80 PIN ST 4.95	62 PIN ST 4.60	36 PIN ST 2.25	6 PIN ST 1.95	80 PIN ST 4.95
12 PIN ST 1.95	WW 5.36	EYE 4.95	EYE 3.25	20 PIN ST 2.25	WW 5.36
20 PIN ST 2.25	82 PIN ST 4.95	64 PIN ST 1.95	WW 3.50	30 PIN ST 2.25	82 PIN ST 4.95
24 PIN WW 2.69	86 PIN ST 5.50	70 PIN ST 4.95	44 PIN ST 2.25	40 PIN ST 3.06	86 PIN ST 5.50
30 PIN ST 2.40	WW 5.95	72 PIN ST 5.20	EYE 5.95	44 PIN ST 3.32	WW 5.95
RT 2.75	RT 5.95	EYE 5.50	48 PIN ST 6.65	EYE 3.95	RT 5.95
36 PIN EYE 3.25	100 PIN ST 3.95	80 PIN ST 5.84	WW 7.95	50 PIN ST 2.88	100 PIN ST 3.95
38 PIN ST 2.62	EYE 5.95	86 PIN WW 5.95	EYE 6.65	56 PIN ST 1.50	EYE 5.95
40 PIN ST 3.06	WW 5.95	88 PIN ST 6.25	RT 5.95	86 PIN ST 4.95	WW 5.95
44 PIN ST 3.32	120 PIN ST 6.95	WW 6.50	50 PIN ST 2.88	86 PIN WW 4.95	120 PIN ST 6.95
EYE 3.95	WW 7.95	98 PIN WW 3.95	86 PIN ST 4.95	WW 6.15	WW 7.95
50 PIN ST 2.45			RT 5.95	EYE 4.95	
RT 3.95			WW 3.95	EYE 4.95	
WW 3.48			WW 3.95		
56 PIN ST 3.78			60 PIN ST 2.75		
WW 3.85			WW 3.95		
60 PIN ST 2.75			62 PIN ST 1.95		
WW 3.95			WW 3.98		
62 PIN ST 1.95			RT 3.98		
WW 3.98			70 PIN ST 8.40		
RT 3.98			70 PIN WW 4.84		
70 PIN ST 8.40			72 PIN ST 4.75		
70 PIN WW 4.84			WW 4.95		
72 PIN ST 4.75					
WW 4.95					

**SPECIALITY EDGE CONN.**

IBM AT (98-PIN) ST	\$1.80	WW \$5.80
PCI (120 PIN)	\$2.25	
VESA (112 PIN)	\$1.95	

## Lo-Profile GENDER CHANGERS

'D' Connector	male-to-male or female-to-female	Price
9-PIN		\$2.26
15-PIN		3.67
HD 15-PIN		3.31
25-PIN		3.59
37-PIN		4.67

## 'D' CABLES

9 pin	male to male 10'	\$5.59
	male to female 10'	6.42
25 pin	male to male 30'	9.95
	male to female 10'	5.76

## HDMI Cables

all are 6' high speed

HDMI to;	Price
HDMI w/ethernet	\$6.95
mini HDMI	\$6.95
micro HDMI	\$6.95
VGA	\$7.95

## 96-PIN (VME) EURO-CARD CONNECTORS

STRAIGHT	1	25
FEMALE SOLDER	\$4.95	4.82
MALE SOLDER	2.35	1.95
FEMALE WIRE WRAP	5.25	---
MALE WIRE WRAP	4.75	4.36
RIGHT ANGLE		
FEMALE SOLDER	3.95	---
MALE SOLDER	2.50	2.35

## BLUE RIBBON 'CENTRONICS'

SOLDER	Price
14 PIN FEMALE	\$1.75
14 PIN MALE w/hood	6.70
24 PIN FEMALE	3.95
24 PIN MALE w/hood	3.75
36 PIN FEMALE	1.89
36 PIN MALE w/hood	1.50
50 PIN FEMALE	3.00
50 PIN MALE w/hood	4.67
FLAT CABLE	
24 PIN FEMALE	3.95
24 PIN MALE	3.75
36 PIN FEMALE	2.35
36 PIN MALE	2.35
50 PIN FEMALE	4.20
50 PIN MALE	4.20
RIGHT ANGLE	
36 PIN FEMALE	2.50
50 PIN FEMALE	4.35

## FLAT CABLE & IDC CONNECTORS

28 AWG FLAT CABLE			SOCKET	CARD EDGE	HEADER PLUG	DIP PLUG
GRAY w/RED STRIPE	COLOR CODED					
CONDUCTORS	PER FOOT	PER 100'	1	25	50	
10	.30	19.95	6 PIN	\$ .82	---	10 PIN \$1.04
14	.42	27.75	8 PIN	.75	.71	14 PIN 1.10
16	.48	31.70	10 PIN	.35	.29	16 PIN 1.12
20	.60	39.60	14 PIN	.45	.36	20 PIN 1.28
26	.78	51.50	16 PIN	.45	.36	26 PIN 1.49
34	1.02	67.40	20 PIN	.45	.36	34 PIN 1.44
40	1.20	79.20	26 PIN	.45	.38	40 PIN 2.95
50	1.50	99.00	30 PIN	.75	---	50 PIN 3.10
60	1.80	125.00	34 PIN	.55	.45	60 PIN 3.30
64	2.50	189.95	40 PIN	.65	.59	64 PIN 2.10
			50 PIN	.75	.69	
			60 PIN	1.35	1.05	
			64 PIN	1.59	1.25	

## PROTECTED HEADERS

SOLDER-TAIL	WIRE WRAP
* 4-WALL * KEYED	• 3-Level • Center Key
STR. RHT. ANG.	STR. Rht. Ang.
10 PIN \$ .25 .36	10 PIN \$1.95 2.42
14 PIN .40 .56	14 PIN 2.29 2.48
16 PIN .45 .59	16 PIN 2.35 2.50
20 PIN .50 .65	20 PIN 2.69 2.73
26 PIN .58 .75	26 PIN 2.95 3.55
30 PIN .99 .---	34 PIN 3.25 3.69
34 PIN .75 .95	40 PIN 3.50 3.85
40 PIN .85 1.10	50 PIN 4.65 4.99
50 PIN .99 1.25	60 PIN 4.55 5.15
60 PIN 1.25 1.99	64 PIN 5.30 5.95
64 PIN 2.50 2.75	

These come with long ejector latches.

## HEADER STRIPS

\*.1" SPACING \*GOLD  
\*CUT TO ANY LENGTH  
ST=SOLDERTAIL WW=WIREWRAP

STRAIGHT		
DIMEN. IN mm	1	10 100
1x40 ST 6x3	\$.70	.55 .38
6x5	.70	.55 .45
1x40 WW 15x6	1.50	1.25 .---
2x40 ST 6x3	1.22	1.04 .64
2x40 ST 6x5	1.38	1.25 .99
2x40 WW 15x6	2.00	1.90 1.55
RIGHT ANGLE		
1x40 ST	1.12	.95 .75
2x40 ST	1.75	1.60 1.15

## SHORTING PLUGS

1	50	100
12c	10c	8c
1K	5K	
6c	4c	
<b>2mm</b>		
10/\$1.45	100/\$12	
<b>0.05"</b>		
10/\$1.75	50/\$7.25	

## FEMALE HEADERS

.1" solder-tail	Price
1 x 40	\$1.10
2 x 40	2.50
wire-wrap	
1 x 36	4.75
2 x 36	6.50
2mm solder-tail	
1 x 40	2.50
2 x 40	4.75
0.05" solder-tail	
1 x 40	2.53

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[www.anchor-electronics.com](http://www.anchor-electronics.com)

(408)727-3693

1 x 40 80c  
**2mm HEADER STRIPS**  
2 x 40 \$1.50

1 x 40 \$1.50  
**0.05" HEADER STRIPS**  
2 x 40 \$3.75

### MINI TOGGLE

SPDT ON-NONE-ON	5A	\$1.32
SPDT ON-OFF-ON	5A	1.66
SPDT MOM.-OFF-MOM.	5A	1.50
SPDT ON-NONE-MOM.	5A	1.95
DPDT ON-NONE-ON	5A	1.86
DPDT ON-OFF-ON	5A	1.75
TPDT ON-OFF-MOM.	6A	2.95
4PDT ON-NONE-ON	6A	2.95

### STANDARD TOGGLE

SPDT ON-NONE-ON	15A	1.50
-----------------	-----	------

### DIP SWITCHES

2 POS.	75¢	7 POS.	\$1.00
3 POS.	75¢	8 POS.	1.10
4 POS.	79¢	9 POS.	1.18
5 POS.	83¢	10 POS.	1.26
6 POS.	88¢	12 POS.	1.36

### PUSH BUTTON SPST

momentary  
0.45" dia round mount  
3A 125VAC  
black, red, or green  
80¢ each

### MICROSWITCHES

C-NO-NC	1AMP	\$1.00
COM.-NO-NC	1AMP	2/\$1

### ROCKER

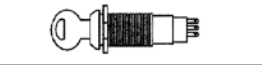
1/2" round mount, 30A	12VDC red	\$3.01	
	12VDC green	\$3.01	
SPDT PCB	RIGHT ANGLE	10/\$1	
ALCO MRL206N	DPDT 6A ON-ON	1" LONG ROCKER	\$1.95

### TILT

15°, 1/2A@24VAC  
SPST  
non-mercury  
Philmore 30-17072 \$1.04

### KEYSWITCH

Oak 4A 120VAC \$3.95



### ROTARY

2 DECK	1POLE/DECK 2POS.	SHORTING	\$2.50
4 POLE 3POS.			\$1.50
2 position 6 pole	shorting, 1/8" shaft		\$2.50
6-PIN DIP	16 POS. (0-F)		\$2.50

### SPST momentary

5A @12VDC  
2-5/8" x 1-1/2"  
\$8.51



**WARNING!**

The product on this page can expose you to chemicals including DEHP &/or Lead which is [are] known to the state of California to cause cancer, birth defects or other reproductive harm. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)



**WARNING!**

3AG 4/\$1	100/\$20
1/4A 2.5A	3A 15A
3/10A 3A	15A 20A
1/2A 4A	5A 25A
3/4A 5A	6A 30A
1A 6A	7A 8A
1.5A 7A	
2A 8A	

3AG SLOW BLOW	4/\$2	100/\$46
1/8A 3A	1/4A 4A	3/8A 5A
1/2A 7.5A	3/4A 8A	1A 10A
1.25A 15A	1.6A 20A	2A 25A

3AG PIGTAIL	4/\$2	100/\$18
1/4A, 1A	2A & 5A	
3/4A 1A	1.25A 2A	3A 4A 5A 10A 20A

2/\$1.35	1/8A 1/2A	1/4A 3/4A	3/8A
2/\$1.20	1A 2.5A	5A 7A	15A 10A

5x20mm TINY	4/\$1								
Fast Blow	1/4A 3A	1/2A 4A	.63A 5A	0.8A 6A	1A 8A	1.5A 10A	1.6A 15A	2A 16A	2.5A 20A
Slow Blow	1/16A 2.5A	1/4A 3A	1/2A 3.5A	3/4A 4A	0.8A 5A	1A 6A	1.5A 7A	2A	

0.032A	2/\$1	
FUSE CLIP	5x20mm 10/\$1	3AG 8/\$1
PANEL MOUNT	5x20mm 75¢	3AG 75¢ 10/\$6.50

IN LINE	3AG	\$1.17
---------	-----	--------

### LINE CORDS

2 PRONG * SINGLE-ENDED		
WHT right-angle 8'		\$ .75
BLK 16awg 12'		2.95
for AC/DC power 'bricks' and cassette recorders		
7A 125VAC 6ft.		\$5.62

LAPTOP AC Pwr. (Universal) 6ft. Long		\$3.95
--------------------------------------	--	--------

HP TYPE EQUIPMENT CORD		
BLK 6' 18AWG		\$2.50
BLK 6', #18, B/A		\$7.92
BGE 6' 18AWG		\$1.75

### LINE CORD RECEPTACLE

AS ABOVE	6A	75¢
	15A	\$1.79
w/FUSE & SPACE FOR SPARE		\$1.00
IN-LINE 10A@250V		\$5.01

### FILTERS

110/220V		
50-60Hz		
1 AMP w/LEADS		\$2.95
3 AMP		3.25
6 AMP w/FUSE HLDR		3.95
8 AMP		3.95
10 AMP		3.95

### DC Power, too!

good selection of plugs and jacks  
1.3mm/ 2.1mm/ 2.5mm/ XLR  
also stocking red/black 'ZIP' cord & multi-conductor cable

### HEAT SHRINK

2:1	4FT.	100FT.	
3/64"	\$ .-	10.95	
1/16"	.83	11.95	
3/32"	.88	12.95	
1/8"	.95	14.95	
3/16"	1.15	16.95	
1/4"	1.44	19.95	
3/8"	1.61	24.95	
1/2"	1.81	27.95	
3/4"	2.42	49.95	
1"	2.80	.....	
1-1/2"	5.50	.....	
2"	7.95	.....	
3"	3.35 per foot		
4"	4.95 per foot		

KITS	
6" lengths 10 pcs. mixed colors	
1/16" \$1.85	
3/32" \$1.85	
1/8" \$1.85	
3/16" \$3.92	
1/4" \$2.29	
Blk/Red/Clr/Blu	
4" lengths 170 pieces	
(60) 1/16" (20) 3/16"	
(40) 3/32" (10) 1/4"	
(30) 1/8" (10) 3/8"	
\$11.95	

### Colors Stocked;

	black	red	orange	yellow	green	blue	clear
3/64	•						•
1/16	✓	✓		✳	✓	✓	✓
3/32	✓	✓		✳	✓	✓	✓
1/8	✓	✓	✳	✳	✓	✓	✓
3/16	✓	✓	✳	✳	✓	✓	✓
1/4	✓	✓	✳	✳	✓	✓	✓
3/8	✓	✓	✳	✳	✓	✓	✓
1/2	✓	✓	✳	✳	✓	✓	✓
3/4	✓	✓	✳	✳	✓	✓	✓
1.0	✳	✳		✳	✳		✳
1.5	✳	✳		✳	✳		✳
2.0	✳	✳		✳	✳		✳
3.0	✳	✳		✳	✳		✳
4.0	✳	✳		✳	✳		✳

✓ stock in 4' and 100'  
✳ stock in 4' only  
• stock in 100' only

### HEAT GUNS

• Compact	• 380 - 500° C
• 250°C or 350°C	• 1000W
\$25.75	\$63.11



**WARNING**  
Cancer and/or Reproductive Harm  
[www.P65Warnings.ca.gov/product](http://www.P65Warnings.ca.gov/product)

### CABLE TIES

4 INCH natural or black	50/\$.95	100/\$1.75	1K/\$9.95
6 INCH natural or black	50/\$1.80	100/\$3.50	1K/\$21.
8 INCH natural or black	50/\$3.50	100/\$5.95	1K/\$29
11 INCH natural or black	50/\$6.95	100/\$12.	



**CABLE TIE GUN**  
\* Tie Width From: 3/32" - 11/32"  
\* Neatly Cuts End Off \* Adj. Tension  
\$31.55

### CABLE TIE/CORD CLIPS/MOUNTS

ADHESIVE BACKED			
5/8" SQUARE	10/\$1		
6/8" SQ x 5/6" OPENING	10/\$1		
1/2" sq.	5/\$1	100/\$17.99	
3/4" sq.	5/\$1	100/\$11.95	
1" sq.	5/\$1	100/\$16.95	
*STEEL *1" LONG PRONG FLEXIBLE, PADDED	10/\$1	500/\$35	
SCREW DOWN			
3/4"x3/8"	Tie Width to .184"	25/\$1	
#6 STUD	Tie Width to .19"	10/\$1	100/\$8

## The Ultimate in Hand Soldering

USING CURIE HEAT TECHNOLOGY by Thermaltronics

Interchangeable with **Metcal**, but better!!



- simpler power supply
- 4-year warranty (pwr supply)
- includes one tip (photo shows more...)
- tips are FAR superior (see below...)

**\$414.75**

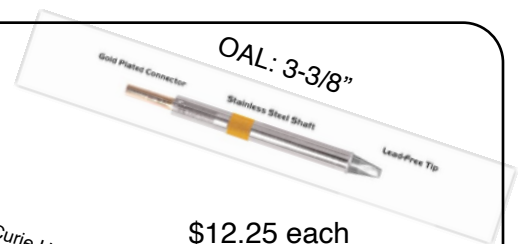
## 50W Production-Line Soldering Station 470KHz

by Thermaltronics



Also uses Curie Heat Technology, but extremely compact, lightweight. Uses the tips shown at right.

**\$241.50**



**\$12.25 each**

EK75CH025	30° chisel	2.5mm tip
EK75CH015	30° chisel	1.5mm tip
EK75CH010	30° chisel	1.0mm tip
EK75SB005	30° sharp bent	.51mm tip
EK75SC010	conical sharp	1.0mm tip

OAL: 5-1/2"

## Metcal replacement Tips

by Thermaltronics

increased plating = longer service life  
gold plated conn. = better connectivity  
faster point-to-point soldering

**\$18.75 ea.** (700°)



Thermaltronics No.	Metcal Number	Description
M7CH175	STTC-136	chisel 30° tip 2.5mm (0.10")
M7CH176	STTC-137	chisel 30° tip 1.78mm (0.07")
M7CH177	STTC-138	chisel 30° tip 1.5mm (0.06")
M7CH178	STTC-125	chisel 30° tip 1.0mm (0.04")
M7CH179	STTC-125P	chisel Hi-Thermal tip 1.0mm (0.04")
M7CH250	STTC-117	chisel extra large tip 5.0mm (0.20")
M8CH250	STTC-817	chisel extra large tip 5.0mm (0.20") 800°
M7SB275	STTC-126	sharp bent 30° tip 0.4mm (0.016")
M7SB276	STTC-144	sharp bent 30° tip 0.5mm (0.02")

## Solder Aids

- chip holder • lever
- fork shaft • scraper
- needle • hook • knife
- reamer • brush

**\$8.31**



## 4-pc. Probe Set

- stainless steel
- hook, curve, straight, angle
- vinyl pouch

**\$7.36**



## Tip Cleaner

- low abrasive brass shavings
- needs no water
- cleans better than sponge

**\$7.48**



## Helping Hands

- two fully adjustable arms
- alligator clip on each arm
- cast iron base

**\$7.36**

- as above plus;
- 2" dia. 2.5x magnifier

**\$10.40**



## Octopus helping hands

- clamps to thickness 1.5" or less
- magnifier is 2.5x, 2" diameter
- incl. magnet arm & (4) stay-pup arms

**\$10.52**



Cancer and/or Reproductive Harm  
[www.P65Warnings.ca.gov/product](http://www.P65Warnings.ca.gov/product)

**TIP TINNER** increase tip life • better heat 1oz. block **\$8.89**

## DESOLDERING BRAID

available on spools in these widths;

- size A = .025"
- size B = .050"
- size C = .075"
- size D = .100"
- size E = .125"



Resin flux	5'	25'
A	\$4.26	--
B	4.26	17.68
C	4.31	17.68
D	4.42	18.95
E	5.08	--

## SOLDER WARNING

Cancer and/or Reproductive Harm  
[www.P65Warnings.ca.gov/product](http://www.P65Warnings.ca.gov/product)

Size	Core	Weight	Price
.025"	ROSIN CORE 63/37	1lb.	\$47.03
.032"	NO-CLEAN 63/37	1lb.	\$40.02
		1/2lb.	\$25.02
.032"	LEAD-FREE NO-CLEAN	1/4lb.	\$38.29
.032"	LEAD-FREE NO-CLEAN	1/2lb.	\$69.61
PASTE	NO-CLEAN 63/37	35g Syringe	\$26.52

## SPONGES

	2-7/8" sq.	\$3.95
		10/\$35.
	1-3/4"x 4"	\$2.25

## SOLDER SUCKERS PLUNGER STYLE

6.5"	ANTI-STATIC; RUGGED METAL; MINI-TIP	\$8.39	repl. tip \$3.03
8"	HI-VACUUM FORCE; PLASTIC; HI-QUALITY	\$3.95	repl. tip \$1.91
13"	HEAVY DUTY PLASTIC; TEFLON TIP	\$6.24	repl. tip \$2.46

## 2-in-1

## SMD Hot Air Rework & Soldering Iron



- Heat Gun 100-500°C
- 3 different heat nozzles
- Iron 200-480°C, 60W
- Iron has ceramic element
- Auto Cool-Off
- Brushless Motor
- Equip. Noise <45dB



**WARNING**  
Cancer and/or Reproductive Harm

## WIRE WRAPPING

### 30 AWG 105°C KYNAR\*

WIRE WRAP WIRE



### SPOOLS

100' 11.95  
ALL TEN COLORS IN STOCK

**HAND TOOL**  
WRAP/UNWRAP & STRIP \$24.95

### WIRE WRAP POSTS

3 Level Tin  
0.025"sq.

Socket

4/\$1

Fork

2/\$1



### WIRE WRAP ID TAGS

8 PIN	5/\$1
18 PIN	5/\$1.95
20 PIN	5/\$1.95
22 PIN	5/\$1.95
24 PIN (.3")	5/\$2.95

# TERMINAL BLOCKS

## PCB



- 0.2" lead spacing
- blocks slide together
- 16A 120° C
- wire guards
- access holes for test probes

2 pos. 3 pos.  
3/\$1 2/\$1

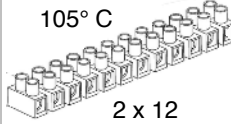
## Euro-Mag



- 15A @300V
- 105° C

1 x 2 \$1.67  
1 x 6 85¢  
1 x 10 \$1.50

## Euro Style Cut-able Nylon



105° C

2 x 12

20A \$2.04  
30A \$2.54  
@ 600V

## Heavy Duty 30A



300V  
130° C

2 x 2 \$1.64  
2 x 3 \$2.31  
2 x 4 \$3.34  
2 x 6 \$4.34  
2 x 8 \$5.67

2/\$1.30

# SOLDER LUGS



2/\$1

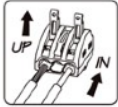


\$1



# Lever Connectors

- Accepts 28-14 AWG solid or stranded and 12 AWG solid wire.



- Simple and secure.

- 600V rating.



2 pole 3/\$1  
3 pole 2/\$1  
5 pole 2/\$1.30

Transparent polycarbonate housing (flame-retardant to UL92-V2 or UL92-V0) allows for quick and accurate visual inspection.

# HEATSINKS

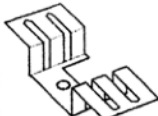
DIMENSIONS ARE IN INCHES (WxLxH)

## TO-220

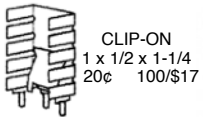


3/4" x 3/4" x 3/8"

30¢



"WINGED"  
1-3/4 x 11/16 x 1/2  
15¢ 100/\$13  
ALSO STYLES WITH;  
CLOSED BACK and/or  
OPEN WING TIPS



CLIP-ON  
1 x 1/2 x 1-1/4  
20¢ 100/\$17



2 x 1-5/8 x 1  
95¢



3/4 x 3/8 x 1-3/8  
20¢

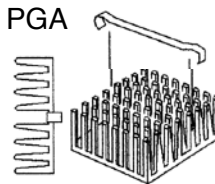
## Heat SinkCompound

4 gram Pouch \$2.00  
2 oz. Jar \$15.79  
5 oz. Tube \$24.65

Thermally Conductive  
Adhesive (2-Part Epoxy)  
\$24.04

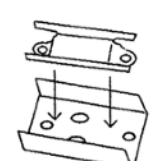
- 1:1 • 14.6 grams
- MG Chemicals 8329TCM-6ml

## PGA



CLIP-ON HEAT SINK  
FOR 486, 586, 860, 960  
\$3.50

## TO-3



TWO PIECE  
1-1/4 x 1-1/2 x 1/2  
SET/75¢



1-3/4 x 1-3/4 x 1-1/4  
75¢

## TO-5



1/2" Diameter  
3/8" High  
15¢

Uses '357' Coin Cell

# 6" DIGITAL CALIPERS

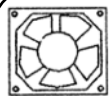
\$59.52

5 year warranty!

\* selectable inch/metric  
\* thumb wheel for accuracy  
\* 4 measurements; inside, outside, depth and step

[www.eclipsetools.com](http://www.eclipsetools.com)

Visit our 'Shop Online' for a more complete selection of tools...



# FANS

30mm	5VDC	\$3.95
40mm	12VDC	5.95
50mm	12VDC	5.95
60mm	12VDC	6.95
80mm	12VDC	6.95
80mm	24VDC	3.95
80mm	115VAC	11.95
80mm	240VAC	9.95
120mm	12VDC	8.95
120mm	24VDC	5.95
120mm	115VAC	17.95

CPU COOLER  
SNAP-ON 12VDC 7.95

40mm	GUARD	.95
80mm	GUARD	1.50
90mm	GUARD	1.50
120mm	GUARD	1.50
170mm	GUARD	1.25
180mm	GUARD	1.50

FAN CORD 75¢

# Dual Switching Power Supply



## 5V 5A and 12V 4A

- NEW in box (old stock)
- measures roughly 7-1/2" x 3-1/2" x 1-3/4"
- Made in Japan

\$9.95

# AC to DC WALL ADAPTORS

110VAC IN

5V	0.3A	\$3.95
5V	1A	\$4.95
5V	1.5A	\$4.95
5V	2A	\$7.25
5V	4A	\$9.9
9V	1A	\$3.95
12V	.5A	\$4.95
12V	1A	\$6.95
12V	1.5A	\$6.95
12V	2A	\$7.95
12V	3.3A	\$8.95
19V	4.7A	\$14.95
48V	0.5A	\$6.95
48V	1.36A	\$19.95

Univ. 0.5A \$4.95

# STEP UP/DOWN TRANSFORMER

110VAC to 220VAC  
or  
220VAC to 110VAC

300 watt \$57.70  
500 watt \$87.02



# 500VA VARIABLE TRANSFORMER



INPUT: 110 to 120 VAC

OUTPUT: < 4VAC to line voltage + 10%

- 4 foot line cord
- 5 amp fuse
- lighted switch

\$127.41



WARNING!

The product on this page can expose you to chemicals including DEHP &/or Lead which is [are] known to the state of California to cause cancer, birth defects or other reproductive harm. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)

# CHEMICALS in stock at Anchor Electronics

Visit our 'Shop Online' for a more complete selection of chemicals...  
[www.anchor-electronics.com](http://www.anchor-electronics.com)



**EMI / RFI SHIELDING**  
 Nickel Coating  
 Spray-on  
 12oz. \$55.57



Ozone Safe  
**SUPER DUSTER**  
 100% HFC Gas  
 10oz.  
 \$8.51



**SUPER FREEZE**  
 chills to -60F  
 Zero Residue  
 10oz.  
 \$17.24



**EPOXY 1:1 BLACK**  
 (potting compound)  
 26.2 grams  
 \$18.48



**SUPER GLUE**  
 2 gr Liquid 2/pack \$1.95  
 3 gram. Gel \$3.95



**ALCOHOL**  
 99.953% Pure  
 4.2oz. Bottle \$7.95  
 34oz. Bottle \$12.56



**ROSIN FLUX**  
 Liquid  
 4.2oz. \$12.41



Paste  
 50gr jar \$11.83



**FLUX REMOVER**  
 Heavy Duty  
 15oz. \$22.40  
 Safe On Plastics  
 14oz. \$20.67



**CONTACT CLEANER**  
 Zero Residue  
 12oz. \$24.06  
 w/ Silicones  
 12oz. \$26.36  
 w/ Poly Phenyl Ether  
 4.4oz. \$28.95



**SUPER WASH**  
 Cleaner/  
 Degreaser  
 15oz.  
 \$29.45



**PENS**

Flux (Kester 951) \$4.95  
 Flux remover \$14.74  
 Conductive \$21.24  
 Overcoat \$22.40



**THREAD-LOCKER**  
 Low, or  
 High Strength  
 0.2oz.  
 \$9.95



**SILICONE GREASE**  
 3oz. \$17.42  
 Translucent  
 Silicone  
**RTV**  
 2.8oz.  
 \$15.65



**CONFORMAL COATING**  
 Silicone Spray  
 12oz. \$35.79  
 Conformal Coating  
 Stripper Pen  
 0.33oz. \$17.55



**ESD Safe ACRYLIC COATING**  
 Conductive Paint  
 Spray-on  
 12oz. \$26.35

## Creating Your Own Printed Circuit Board

**We stock:**

Presensitized Positive  
 Copper Clad Board  
 3" x 5" Single sided \$5.95  
 4" x 6" Single sided \$6.95



Developer 17 fl. oz. \$18.95  
 Liquid Tin 4.2 fl. oz. \$37.85  
 Ferric Chloride 34oz. \$14.94



**RED VARNISH**  
 For  
 Insulating  
 2oz.  
 \$15.32



**SUPER CORONA DOPE**  
 2oz.  
 \$23.70



### WARNING

Some of the products on this page may contain Proposition 65 ingredients, please read the label carefully prior to purchase.

For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## TAPE ELECTRICAL

7mil 3/4" x 20yd.  
 blk, brn, red, org, yel,  
 grn, blu, gray, wht  
 \$2.37

### COPPER

2.6mil 18 yard rolls  
 1/4" \$12.89  
 1/2" \$16.95

### POLYIMIDE


1mil 36 yard rolls  
 1/4" \$7.10  
 1/2" \$15.95  
 3/4" \$18.75  
 1" \$19.95  
 2" \$36.95

**TAPE**

- Silicone • Bonds to itself
- No adhesive • No residue
- Insul. to 8kV • 500°

**RED**  
 Made in U.S.A.  
**10' roll \$4.95**

## P.C./PROTOTYPE BOARDS

<b>BLANK BOARD</b> HOLES ON .1" CENTERS 4x5 \$4.99 4.5x 6.5 \$7.50 10x10 \$22.50 10x20 \$45.00	<b>LED Prototyping</b> white soldermask common bus pwr traces locations for resistor/LED prototyping area for drivers 12-LED \$6.49 2" dia. circular board 24-LED \$10.49 4" dia. circular board 20-LED \$6.49 1" x 4" board 108-LED \$14.95 4" x 5" board	<b>SOLDERLESS</b> COMBINING TERMINAL & DISTR. BUILD. BLKS. .1"x.1" PLUG-IN 2.625 x 3.375 \$5.25 2.25 x 6.5 \$18.25 w/THREE BINDING POSTS 5 x 7 \$27.95 w/THREE BINDING POSTS JUMPER WIRE KIT \$6.95	<b>GOOD SELECTION</b> of ADAPTER Boards and BREAKOUT Boards for; SMT ICs SMT Connectors USB Connectors D Connectors RJ45 Connectors
<b>PAD-PER-HOLE</b> HOLES ON .1" CENTERS 2x2 \$2.00 2x4 \$4.00 4x4 \$8.00 4x5 \$11.80 4.5x 6.5 \$21.24 4x10 \$23.60 10x10 \$63.75 w/GND PLANE ONE SIDE: 4x5 \$11.80 4.5x 6.5 \$19.67 4x10 \$23.60 w/GND PLANE BOTH SIDES: 4x5 \$11.80 4.5x 6.5 \$19.67 4x10 \$23.60	<b>BUSBARS</b> LAMINATED STRIPS 1/4" HIGH 3" LONG 25/\$4.95 PIN EVERY 5/16", THEN 3/16" 14" LONG 10/\$4.95 PIN EVERY 3/4"	<b>IBM PC</b> GENERAL PURPOSE WIRE WRAP PROTOBRD \$27.95 AS ABOVE w/ DECODING LAYOUT \$29.95	<b>Test Points with Glass Insulator</b>  (Two Sizes)  Blue, Yellow, Green, White, Red, Black <a href="http://www.e-markinc.com">www.e-markinc.com</a> <b>5/\$1</b>
<b>2mm Spacing</b> 6.3x3.9 \$22.50 (mimics 3U dimensions)	<b>COPPER CLAD</b> • 1-SIDE • 1oz. COPPER NO HOLES 2x4 \$1.51 4x6 \$3.02 12x12 \$14.61 • 2-SIDED • 1oz. COPPER NO HOLES 6x6 \$4.21 8x10 \$10.09	<b>S-100</b> CCS2065 64K DYNAMIC RAM BRD. USES 4116's \$24.95 CCS2710 4 PORT SERIAL I/O BRD. USES 8255's \$2.95 CCS2718 2 SERIAL + 2 PARALLEL \$24.95	<b>More test points In showroom...</b>
<b>0.05" Spacing</b> 3x4.5 \$14.95 (incl. 2x18 C/E fingers)			

## Arduino Compatible from China

**Uno**

r.3 .....	\$8.95
Motor L293D Shield	\$5.25
Sensor Shield .....	\$3.95
Prototyping Shield ...	\$2.95

**Mega 2560 Pro** ..... \$19.95  
**Nano 3.0** ..... \$6.95  
**Pro Micro 32u4** ..... \$10.95

### modules (have I/O pins)

USB to UART TTL Converter .....	\$4.95
Bluetooth HC-05 Master/Slave .....	\$7.95
FT232H USB to JTAG .....	\$11.95
Passive Infrared Motion Detection .....	\$3.49
Multi-Function Expansion Shield .....	\$4.95
1.30" OLED LCD Display (white).....	\$7.95
Line Track Follower .....	\$7.95
Micro SD Storage Shield (SPI) .....	\$1.95
Voice Detection .....	\$1.25
Real Time Clock .....	\$2.95
Temperature & Humidity .....	\$2.95
BMP280 Temp & Pressure .....	\$6.95
BME680 T/H/P & Indoor Air Quality .....	\$9.95
2.4GHz Wireless Transceiver .....	\$2.50
IR Obstacle Avoidance .....	\$1.95
Ultrasonic Range Finder .....	\$2.40
Traffic Light Display .....	\$3.95
(4) 16-bit A/D channels .....	\$8.95

### accessories

Mini Gear Micro Servo .....	\$3.49
3-wire Voltmeter .....	\$3.95
USB Voltmeter/Ammeter (4-30V) .....	\$5.95
Type C - as above Voltmeter/Ammeter .....	\$9.95
555 Square Wave Generator (adj.) .....	\$2.95
Solar Cell 60x60mm 5VDC output.....	\$3.95
Hall-Effect Switch (speed counting) .....	\$2.95
DC-DC step-up Power Converter .....	\$3.95
Rotary Encoder 20-pos. switch .....	\$1.95

## ENCLOSURES

### JIFFY BOX CHASSIS by LMB

NO SCREWS - SNAPS TOGETHER  
14ga. PLAIN ALUMINUM

J870	2-3/4	2-1/8	1-5/8	\$7.83
J876	4	2	2-3/4	\$10.68
J880	5-1/4	3	2-1/8	\$12.57
J881	6	5	4	\$22.29
J882	7	5	3	\$22.58
J883	8	6	3-1/2	\$27.48
J884	10	6	3-1/2	\$32.48
J887	12	7	4	\$45.12

### DIE CAST ALUMINUM ENCLOSURES by ECLIPSE

7.62" x 4.43" x 2.4" \$20.03


### Hi-Impact PLASTIC 2-piece

very shallow lid w/screw for each corner  
by LMB

P100	1.51" x	.785" x	2.26"	\$3.39
P101	2.46	1	2.99	\$8.90
P103	2.49	1.6	2.99	\$9.42
P104	2.50	1.6	5	\$10.31

### ABS PLASTIC INSTRUMENT CASES by ECLIPSE

7.87" x 6.29" x 2.51" \$11.13  
 9.84" x 7.48" x 3.07" \$14.03


 Cancer and/or Reproductive Harm  
[www.P65Warnings.ca.gov/product](http://www.P65Warnings.ca.gov/product)


## RUBBER GROMMETS

Many Different Sizes in Stock  
 From 1/8" x 1/4"  
 To 7/8" x 3/4"

## BUMPERS

adhesive-backed  
polyurethane

**CYLINDRICAL**   
 12.7mm dia.  
 3.5mm high 50/\$2.99 black  
 50/\$2.99 clear

**HEMISPHERICAL**   
 11.1mm dia.  
 5.1mm high 44/\$1.79 black

9.5mm dia.  
 3.8mm high 36/\$1.52 black

9.5mm dia.  
 5.4mm high 60/\$2.75 black

**SQUARE**   
 19.8mm sq.  
 9.7mm high 6/95¢ black

**TAPERED**   
 20.6mm sq. base  
 7.6mm high  
 14/\$1.96 black

**RECESSED**   
 22.3mm dia.  
 10.2mm high  
 6/95¢ black

## HARDWARE




We have a decent  
selection of screws,  
nuts, washers, and  
standoffs.

Even some gears,  
pulleys, and rods...

## BATTERIES

Alkaline;		
AA	4/\$2.56	
AAA	4/\$2.72	
9V	\$2.50	
Lithium;		
CR123	\$3.40	
Coin Cells;		
SR357/44	1.55V	\$1.60
CR2032	3V	85¢

## BATTERY HOLDERS

 P.C.B. 2-pin  
 AA 4/\$1  
 AAA 4/\$1

9V plastic tray w/screw-down  
 holes& solder lug conn. 57¢  
 snaps/clips w/4" leads , 5/\$1

(1) CR2032 coin cell P.C.B. 77¢	
(2) AAA w/switch & 6" wires	\$1.44
(4) AAA w/switch & 6" wires	\$1.57
(1) AA w/solder tabs	2/1.08
(2) AA w/switch & 6" wires	\$1.76
(3) AA w/switch & 6" wires	\$2.01
(4) AA w/switch & 6" wires	\$1.74
(2) C w/solder tabs	\$1.26
(2) D w/solder tabs	\$1.29



**WARNING!**  
 This product can  
 expose you to  
 chemicals  
 including DEHP &/  
 or Lead which is  
 [are] known to the  
 state of California  
 to cause cancer,  
 birth defects or  
 other reproductive  
 harm. For more  
 information go to  
[www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)




# Anchor Electronics

(408) 727-3693 • fax 408-727-4424 2040 Walsh Ave., Santa Clara, CA 95050

Visit our showroom for the best selection, with one-of-a-kind goodies...

If you're unable to come in be sure to download our latest price list from our website.

And enjoy browsing our online shop! Some examples are shown here...



HOME / CABLES / COAXIAL

### BNC/TNC Color Bands

★★★★★

\$0.25

Easy to slip over the male BNC or TNC connector allowing easy cable ID.

color Choose an option

- 1 + ADD TO CART

SKU: N/A



HOME / TOOLS / MISC.

### .062" Diameter Pin Extractor

★★★★★

\$17.13

- This tool is designed for extraction of pins from Philmore '61' series or Molex '03-06-xxxx' series housings.
- The manually operated plunger pushes the pin from the housing.

HOME / BREADBOARDS / SOLDERLESS

### 400 Tie Point, Breadboard

★★★★★

\$5.25

- 2 Distribution strips
- 1 Terminal strip
- 3.2" x 2.1" x 0.375"
- Uses 19 - 29 AWG wire
- Suitable for any size DIP
- Snap-lock molded dovetails for interlocking



HOME / TOOLS / MISC.

### Nibbler

★★★★☆

\$14.73

- Cuts up to AWG 18 soft steel or 1/16" Aluminum and Plastic
- Made in Taiwan

- 1 + ADD TO CART

SKU: 900-215

Category: misc.



PT-5201A-sq

HOME / TOOLS / MISC.


### Mini Grinder

★★★★☆

\$27.34

- 10-piece accessories
- No load RPM: 5000-14,000 adjustable
- Low vibration, high torque, lightweight and ergonomically designed.

**WARNING: Cancer and Reproductive Harm**  
www.P65Warnings.ca.gov



HOME / TOOLS / MISC.

### Inspection Mirror

\$10.52

- Telescopes from 8.5" to 19.4".
- Insulating Vinyl Grip
- All-Angle Ball Joints
- Tempered steel spring to move freely and remain in position.
- Made in Taiwan

**WARNING: Cancer and Reproductive Harm**  
www.P65Warnings.ca.gov



HOME / TOOLS / MISC.

### Wrench Set

\$19.95

- 4.5"
- Smooth black oxide finish jaws.
- Aluminum hex handles.
- 1 each; 3/32", 1/8", 5/32", 3/16", 1/4", 5/16"
- Made in India

- 1 + ADD TO CART



HOME / CABLE & WIRE

### Test Lead Wire


★★★★☆

\$0.60

- Sold per foot.
- Super Flexible
- 18 AWG, tinned, stranded wire.
- Rubber insulation has an O.D. of 0.135".
- 5000V, 90°C

**WARNING: Cancer and Reproductive Harm**  
www.P65Warnings.ca.gov

color Choose an option



HOME / TOOLS / MISC.

### Helping Hands

★★★★☆


\$7.36

- Cast-iron Base
- Low carbon steel arm is 4.5" long.
- Fully adjustable
- Made in Taiwan

- 1 + ADD TO CART

SKU: 900-015

Categories: clamps & vices, misc., soldering aids



HOME / TOOLS / MISC.

### Miniature Reamers

★★★★★

\$19.95

- 6-piece set
- These handy tools finish up the job when drills cannot deliver an exact size hole.
- Assorted sizes, drill gauge 42 to 73.
- Ergonomic handles shaped for easy gripping.
- Sturdy vinyl storage pouch included.
- Made in France

- 1 + ADD TO CART

# TOTAL PHASE

the ABC's of  
Host Adapters and Protocol Analyzers...



## HOST ADAPTERS

<u>Aardvark</u>	I2C/SPI Host Adapter	TP240141	\$330.
<u>Cheetah</u>	SPI Host Adapter	TP280121	\$395.

## PROTOCOL ANALYZERS

<u>Beagle</u>	I2C/SPI/MDIO Proto.Analyz.	TP320121	\$395.
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## CABLES

10-pin Split Cable TP240212 \$30.



## TEST BOARDS

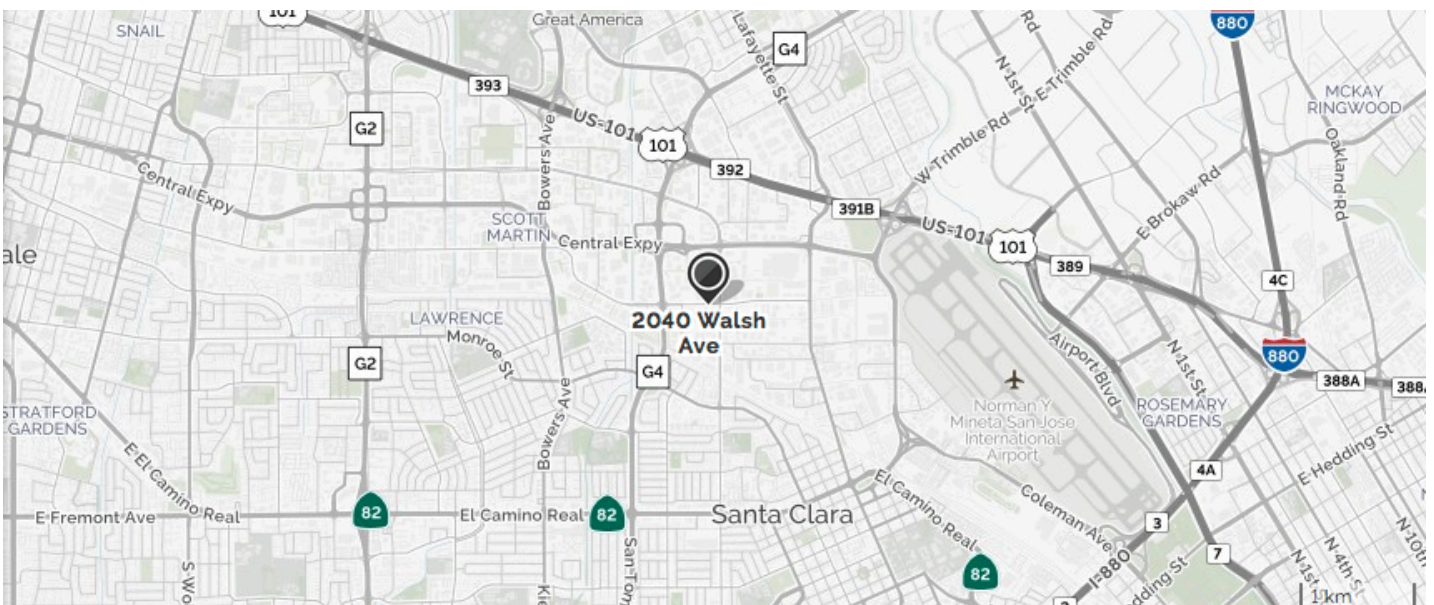
I2C/SPI Activity Board	TP240310	\$80.
Level Shifter Board	TP240610	\$120.

\*\*\*\*\*

# POLICY

\*\*\*\*\*

- \* Prices Subject To Change Without Notice.
- \* All Sales Are Final.
- \* We Only Label Parts That Are Unmarked.
- \* CheckWriters Must Meet The Following;
  1. Have A Valid CA Driver's License.
  2. Have A Local Residence Address; ( Within A Twenty Mile Radius.)
- \* Anchor Reserves The Right To Refuse Any Check.
- \* \$20. Fee On Returned Checks.
- \* Any Discrepancy Or Shortage Must Be Reported The Same Day As The Order Is Recieved.
- \* Any Claims Of Defective Parts Must Be Reported Within 14 Days Of Purchase And Are Subject To Approval By Management. Receipt Must Accompany Return. No Returns On Soldered Or Damaged Parts.
- \* Mailorder/Phoneorder Payment; VISA, Mastercard, AmEx, Discover
- \* No C.O.D.
- \* We Ship Via FedEx or USPS.
- \* We Ship To USA & Canada Addresses Only.



2040 Walsh Ave. Santa Clara, CA 95050 (almost the SW corner of Scott Blvd & Walsh)