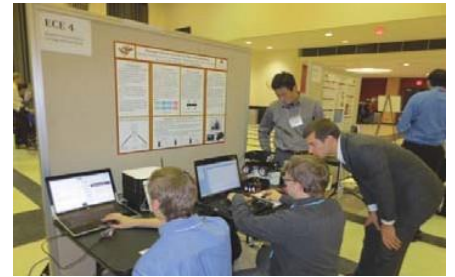


The Depot Catalog



We accept



ECE Depot Catalog

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Diodes

Zener Diodes

400 mW			500 mW			5 W		
P/N	Vz	125-	P/N	Vz	125-	P/N	Vz	125-
1N4372	3.0V	1001	1N5222	2.5V	1000	1N5342	6.8V	1010
1N748	3.9V	1004	1N5231	5.1V	1003	1N5360	25V	1032
1N750	4.7V	1005	1N5234	6.2V	1009	1N5364	33V	1035
1N752	5.6V	1007	1N5260	43V	1037			
1N755	7.5V	1011						
1N759	12.0V	1020						
1N964	13.0V	1022						
1N965	15V	1024						
1N968	20V	1030						
1N974	36V	1036						

1 W

P/N	Vz	125-
1N4728	3.3V	1002
1N4734A	5.6V	1008
1N4740	10V	1017

Switching Diodes

P/N	123-
1N914 (1N4148)	1000
1N4149	1001

Rectifier Diodes

P/N	PIV	mA	120-
1N464	150	40	1017
1N4001	150	1000	1075
1N4002	100	1000	1015
1N4003	200	1000	1018
1N4007	1000	1000	1016
1N4933	50	1000	1070
1N5404	400	3000	1014
1N5817	20	1000	1073
1N5818	30	1000	1072
1N5822	40	3000	1074
6A4	400	6000	1013
6A10	1000	6000	1012

Bridge Diodes

P/N	121-
rb153	1002
vm08	1001

Inductors

(uH)

0.033, 2A, 35mΩ
 0.068, 1.5A, 60mΩ
 0.10, 7.3A, 15mΩ
 0.33, 1.1A, 95mΩ
 0.47, 750 mA, 250mΩ
 0.68, 530mA, 480mΩ
 1.0, 1.2A, 160mΩ
 1.5, 570mA, 300mΩ
 2.2, 520mA, 350mΩ
 3.3, 420mA, 500mΩ
 4.7, 820mA, 340mΩ
 6.8, 90mA, 370mΩ
 8.2, 4.5A, 28mΩ
 10, 680mA, 490mΩ
 12, 190mA, 2.4Ω

(uH)

15, 610mA, 600mΩ
 18, 580mA, 670mΩ
 22, 560mA, 740mΩ
 27, 480mA, 1.3Ω
 33, 300mA, 1.12Ω
 47, 450mA, 1.1Ω
 47, 3.2A, 63mΩ
 100, 370mA, 1.7Ω
 100, 2.1A, 108mΩ
 150, 280mA, 2.8Ω
 220, 130mA, 5.8Ω
 330, 280mA, 2.8Ω
 470, 90mA, 12Ω
 680, 150mA, 10Ω
 680, 180mA, 6.1Ω

(mH)

1.0, 60mA, 31.4Ω
 1.0, 130mA, 14Ω
 1.0, 200mA, 2.3Ω
 1.0, 310mA, 1.3Ω
 1.5, 158mA, 3.45Ω
 2.2, 158mA, 4.48Ω
 3.3, 128mA, 6.56Ω
 4.7, 100mA, 10.5Ω
 6.8, 82mA, 16.3Ω
 10, 50mA, 25Ω
 10, 50mA, 26.4Ω
 100, 20mA, 235Ω

Adjustable Inductors

various ranges
 adjustable from
 .19 uH - .25 uH
 to
 20mH - 60 mH

Ferrite Rod

Mn-Zn, 5.5" X 0.4"

Laser Printer Cartridges

Toner Cartridges

HP 05A	Xerox 3220
HP 05X	HP/Black Toner/Hi-Capacity/Phaser 3600
HP 10A	HP/Cyan Toner/Hi-Capacity/Phaser 3600
HP 11X	HP/Magenta Toner/Hi-Capacity/Phaser 3600
HP 12A	HP/Yellow Toner/Hi-Capacity/Phaser 3600
HP 26X	Xerox/Black Toner/Hi-Capacity/Phaser 3600dn
HP 27X	Xerox/Black Toner/Hi-Capacity/Phaser 6027
HP 42A	Xerox/Cyan Toner/Hi-Capacity/Phaser 6027
HP 49A	Xerox/Magenta Toner/Hi Capacity/Phaser 6027
HP 51A	Xerox/Yellow Toner/Hi-Capacity/Phaser 6027
HP 53A	Xerox/Black Toner/Hi-Capacity/Phaser 6180
HP 53X	Xerox/Cyan Toner/Hi-Capacity/Phaser 6180
HP 64A	Xerox/Magenta Toner/Hi-Capacity/Phaser 6180
HP 78A	Xerox/Yellow Toner/Hi-Capacity/Phaser 6180
HP 80X	Xerox/Black Toner/Hi-Capacity/Phaser 6280
HP 85A	Xerox/Cyan Toner/Hi-Capacity/Phaser 6280
HP 92A	Xerox/Magenta Toner/Hi-Capacity/Phaser 6280
HP 128A	Xerox/Yellow Toner/Hi-Capacity/Phaser 6280
HP 410X	Xerox/Black Toner/Hi-Capacity/Phaser 6500
	Xerox/Cyan Toner/Hi-Capacity/Phaser 6500
	Xerox/Magenta Toner/Hi Capacity/Phaser 6500
	Xerox/Yellow Toner/Hi-Capacity/Phaser 6500

Resistors

1/4W 1% Metal Film

Ohms	Ohms	Ohms	Ohms	K Ohms	K Ohms	K Ohms	K Ohms	K Ohms	K Ohms	K Ohms	M Ohm
10.0	52.3	154	357	1.00	3.09	9.09	26.7	78.7	237	698	1.00
11.0	53.6	158	365	1.02	3.16	9.31	27.4	80.6	243	715	2.21
12.1	54.9	162	374	1.06	3.24	9.53	28.0	82.5	249	732	4.75
13.0	56.2	165	383	1.07	3.32	9.73	28.7	84.5	255	750	10.0
14.0	57.6	169	392	1.10	3.40	10.0	29.4	86.6	261	768	15.0
15.1	59.0	174	402	1.13	3.48	10.2	30.1	88.7	267	787	30.0
15.8	60.4	178	412	1.15	3.57	10.5	30.9	90.9	274	806	49.9
16.9	61.9	182	422	1.18	3.65	10.7	31.6	93.1	280	825	
18.2	63.4	187	432	1.21	3.74	11.0	32.4	95.3	287	845	
19.1	64.9	191	442	1.24	3.83	11.3	33.2	97.6	294	866	
20.0	66.5	193	453	1.27	3.92	11.5	34.0	100	301	909	
21.0	68.1	196	464	1.30	4.02	11.8	34.8	102	309	931	
22.1	69.8	198	475	1.33	4.12	12.1	35.7	105	316	953	
23.2	71.5	200	487	1.37	4.22	12.4	36.5	107	324	976	
24.3	73.2	203	499	1.40	4.32	12.7	37.4	110	332		
24.9	75.0	205	511	1.43	4.42	13.0	38.3	113	340		
26.1	76.8	210	523	1.47	4.53	13.3	39.2	115	348		
26.7	78.7	215	526	1.50	4.64	13.7	40.2	118	357		
27.4	80.6	221	536	1.54	4.75	14.0	41.2	121	365		
28.0	82.5	226	549	1.58	4.87	14.3	42.2	124	374		
28.7	83.6	232	562	1.62	4.99	14.7	43.2	127	383		
29.4	84.5	234	576	1.65	5.11	15.0	44.2	130	392		
30.1	88.7	237	590	1.69	5.23	15.4	45.3	133	402		
30.9	90.9	243	604	1.82	5.36	15.8	46.4	137	412		
31.6	93.1	249	619	1.87	5.49	16.2	47.5	140	422		
32.4	95.3	255	634	1.91	5.62	16.5	48.7	143	432		
33.2	97.6	258	649	1.96	5.76	16.9	49.9	147	442		
34.0	100	261	665	2.00	5.90	17.4	51.1	150	453		
34.8	102	267	681	2.05	6.04	17.8	52.3	154	464		
35.7	105	271	698	2.10	6.19	18.2	53.6	162	475		
36.5	107	274	715	2.15	6.34	18.7	54.9	165	487		
37.4	110	280	732	2.21	6.49	19.1	56.2	169	499		
38.3	113	287	750	2.26	6.65	19.3	57.6	174	511		
39.2	115	291	768	2.32	6.81	20.0	59.0	178	523		
40.2	118	294	787	2.37	6.98	20.5	60.4	182	536		
41.2	121	298	806	2.43	7.15	21.0	61.9	187	549		
42.2	124	301	825	2.49	7.32	21.5	63.4	191	562		
43.2	127	309	845	2.55	7.50	22.1	64.9	196	576		
44.2	130	312	866	2.61	7.68	22.6	66.5	200	590		
45.3	133	316	887	2.67	7.87	23.2	68.1	205	604		
46.4	137	324	909	2.74	8.06	23.7	69.8	210	619		
47.5	140	328	931	2.80	8.25	24.3	71.5	215	634		
48.7	143	332	976	2.87	8.45	24.9	73.2	221	649		
49.9	147	340		2.94	8.66	25.5	75.0	226	665		
51.1	150	348		3.01	8.87	26.1	76.8	232	681		

Resistors Continued

1/4 watt 5%

1/2 watt 5%

1 watt 5%

Ohms	K Ohms	M Ohms	Ohms	K Ohms	M Ohms	Ohms	K Ohms	M Ohms
1	1	1	1	1	1	1	1	1
1.2	1.2	1.2	1.2	1.2	1.2	2.7	1.2	1.2
1.5	1.5	1.5	1.5	1.5	1.5	3.3	1.5	1.5
1.8	1.8	1.8	1.8	1.8	1.8	3.9	1.8	1.8
2.2	2.0	2.2	2.2	2.0	2.2	4.7	2.2	2.2
2.7	2.2	2.7	2.7	2.2	3.3	5.6	2.7	2.7
3.3	2.7	3.0	3.3	2.7	3.9	6.8	3.3	3.3
3.9	3.3	3.3	3.9	3.3	4.7	8.2	3.9	3.9
4.7	3.9	3.9	4.7	3.9	5.6	10	4.7	4.7
5.1	4.7	4.7	5.6	4.7	6.8	12	5.6	5.6
5.6	5.1	5.6	6.8	5.1	8.2	15	6.8	6.8
6.8	5.6	6.8	8.2	5.6	10	18	8.2	8.2
8.2	6.8	8.2	10	6.2	12	22	10	10
10	8.2	10	12	6.8	15	27	12	12
12	10	12	15	7.5	18	33	15	15
15	12	15	18	8.2	22	39	18	18
18	15	18	22	10		47	22	22
22	18	22	27	12		56	27	
27	22		30	15		68	33	
30	27		33	18		82	39	
33	33		39	22		100	47	
39	39		47	24		120	56	
47	47		56	27		150	68	
56	56		68	33		180	82	
68	68		82	39		220	100	
82	82		100	47		270	120	
100	100		120	56		330	150	
120	120		150	68		390	180	
150	150		180	82		470	220	
180	180		220	100		560	270	
220	220		270	120		680	330	
270	240		330	150		820	390	
330	270		390	180			470	
390	330		470	220			560	
470	360		560	270			680	
560	390		680	330			820	
680	470		820	390				
820	560			470				
	680			560				
	820			680				
				820				

Resistors Continued

2 watt 5%				3 watt 5%		5 watt 5%		1/4 watt 0.1%		
Ohms	K Ohms	K Ohms	M Ohms	Ohms	K Ohms	Ohms	K Ohms	Ohms	K Ohms	M Ohms
2	1	120	1	1	1	1	1	10	1	1
10	1.2	150	1.2	10	1.5	10	1.5	49.9	4.99	
12	1.5	180	1.5	**10	2	**10	2	100	10	
15	1.8	220	1.8	25	5	25	5	249	49.9	
18	2.2	270	2.2	100	10	100	10	499	100	
22	2.7	330	2.7	200		200	15		499	
27	3.3	390	3.3	500		500	25			
33	3.9	470	3.9				30			
39	4.7	560	4.7							
51	5.6	680	5.6							
56	6.8	820	6.8							
68	8.2		8.2							
82	10		12							
100	12		15			Ohms		K Ohms		
120	15		18			*1		1		
150	18					*2		1.2		
180	22					**5		1.5		
220	27					*7.5		2		
270	33	* 5% tolerance				*10		2.5		
330	39	** 1% tolerance				15		3		
390	47					25		4		
470	56					50		5		
560	68					75		6		
680	82					82		7.5		
820	100					100		8		
						*120		8.5		
						150		10		
						200		15		
						250		20		
						290		25		
						350		30		
						500		35		
						600		40		
						700				
						750				
						800				
20 watt 10%										
Ohms	K Ohms									
100	1									
500	5									
	*10									
	50									
	60									

Banana Plugs and Binding Posts

Banana Plugs

Insulated:

White
Green
Yellow
Blue
Purple
Black
Red
Orange
Brown
Grey

Uninsulated silver

Double Banana Plugs

Insulated:

Black
Red
Black, with solder turrets

Stacking Banana Plugs

Black
Red

Screw In Banana Plugs

Black
Red
Green
Yellow
Blue

Banana Jacks

Insulated:

White
Green
Yellow
Blue
Purple
Black
Red
Orange
Brown
Grey

Uninsulated silver

Banana Jack in-line

Black
Red

Banana Coupler

Black
Red

Tip Plug/Jack

Black
Red
Green
Yellow
Blue

Binding Post

White
Green
Yellow
Blue
Violet
Black
Red
Orange
Brown
Grey

In Line Tip Jack

Black
Red

Tip Jack to Banana Plug

Black
Red

Banana to Banana Patch Cord

Red (inches)	Black (inches)
8	8
12	12
18	18
36	36
72	72

Banana to Alligator Clip Patch Cord

Red (inches)	Black (inches)
36	36

Banana to Minigrabber Patch Cord

Red (inches)	Black (inches)
12	12
24	24
36	36

Miscellaneous Connectors

BNC female to double banana plug
BNC male to double banana plug
BNC female to binding post
BNC male to binding post
BNC female to mini grabbers
BNC female to banana plugs

XT Connector

XT30 male/female pair
XT60 male/female pair

Gaskets

Conflat Style Flange

2.75"	6"
4.5"	8"

Coaxial Connectors and Cables

BNC Connectors

Adapter, Tee
Plug To Jack, Right Angle
Male To RCA Plug
Female To RCA Plug
Panel Connector, Flanged
Plug-UHF Jack
RG-59 Male
RG-58 Crimp
Amphenol 31-202 (RG-58)
Amphenol 31-4541 (RG-59)
Amphenol 31-2221 (Panel)
Amphenol 31-10 (Panel Isolated)
Right Angle PCB mount, 50 Ohm
Amphenol 31-219 (Straight Adapter)
Amphenol 31-218 (Plug To Plug)

SMA Connectors

Jack, PCB edge mount
Jack, PCB top mount, gold

BNC Cables

male to male, 3-foot RG-58 cable
male to male, 6-foot RG-58 cable

Other Cables

Hardware Female to Banana Plug
Power Cord Receptacle
Hardwire Cord, 6 foot pigtail

Cable Clamps, Adhesive Clips

Cable Clamps

HH Smith 8940 1/8"
HH Smith 8948 1/4"
HH Smith 8944 3/8"
HH Smith 8946 1/2"
HH Smith 8942 5/8"
HH Smith 8950 3/4"

Adhesive Clips

1/2"
3/4"

Cable Ties, Heat-shrink Tubing

Cable Ties

Large - 8", 50 lb., black
Medium - 6", 40 lb., black
Small - 4", 18 lb., black
Medium - 6", 18 lb., natural, bag of 1000
X-Large, - 11", 120 lb., black, bag of 100

Heat-shrink Tubing

1/16"	5/16"
3/32"	1/2"
1/8"	5/8"
3/16"	3/4"
1/4"	1"

Capacitors

Ceramic

pF	pF	pF	nF	nF	nF	μF
1	10	100	1	10	100	1
1.5	12	120	1.2	15	150	1.5
2.0	15	150	1.5	18	220	2.2
2.2	18	180	1.8	22	330	3.3
3.3	20	200	2.2	27	470	4.7
4.0	22	270	2.7	33	680	6.8
4.7	27	330	3.3	47		10
5.0	33	390	3.9	56		15
6.0	39	470	4.7	68		47
6.8	47	560	5.6	82		
8.0	56	680	6.8			
8.2	68	750	8.2			
9.0	75	820				

Metalized Polyester

200V (nF)	400V (nF)
1.5	0.47
2.2	1.5
3.3	2.2
4.7	2.7
6.8	5.6
220	6.8
	8.2
	22

Metalized Polypropylene

250V (nF)	250V (μF)	100V (μF)
10	1	6.8
47	1.5	10
220	2.2	
470	4.7	

Variable (pF)

1.0 to 3.0
1.65 to 4.5
2.2 to 8.1
2.0 to 10
3.0 to 36
4.5 to 65
10 to 150

Paper

200V (nF)
2.2
3.3
22

Bipolar

50V(nF)	50V (μF)
470	1
	4.7
	10
	47

Mylar

22 @100V
47 @ 200V
50 @ 600V

Electrolytic

4.7nF, 50V, axial	47nF, 35V, axial	220nF, 35V, axial
5.6nF, 35V, axial	56nF, 35V, axial	220nF, 35V, radial, resin dipped
6.8nF, 35V, axial	68nF, 35V, axial	220nF, 50V, 105°C, axial
8.2nF, 35V, axial	82nF, 35V, axial	220nF, 20%, 50V, 105°C, radial
12nF, 35V, axial	100nF, 35V, axial	270nF, 35V, axial
18nF, 35V, axial	100nF, 35V, radial, resin dipped	330nF, 35V, axial
22nF, 35V, axial	100nF, 50V, radial, resin dipped	330nF, 35V, radial, resin dipped
27nF, 35V, axial	150nF, 35V, axial	330nF, 50V, 105°C, axial
33nF, 35V, axial	150nF, 35V, radial, resin dipped	330nF, 20%, 50V, 105°C, radial
39nF, 35V, axial	180nF, 35V, axial	390nF, 35V, axial

Capacitors, Electrolytic Continued

470nF, 35V, axial	15uF, 25V, axial
470nF, 50V, 85°C, radial	15uF, 35V, radial, resin dipped
470nF, 35V, radial, resin dipped	15uF, 50V, 105°C, radial
560nF, 35V, axial	22uF, 16V, 105°C, radial
680nF, 50V, 85°C, radial	22uF, 16V, radial, resin dipped
680nF, 35V, radial, resin dipped	22uF, 25V, 85°C, radial
680nF, 50V, radial, resin dipped, low ESR	22uF, 50V, axial
820nF, 35V, axial	22uF, 50V, 85°C, radial
1uF, 35V, radial, resin dipped	22uF, 100V, 85°C, axial
1uF, 50V, 105°C, axial	22uF, 100V, 105°C, radial
1uF, 50V, 85°C, radial	25uF, 25V, axial
1uF, 50V, 105°C, radial	25uF, 50V, axial
1uF, 63V, 105°C, radial	33uF, 16V, radial, resin dipped
1uF, 100V, 85°C, radial	33uF, 25V, 85°C, axial
1.5uF, 16V, radial, resin dipped	33uF, 50V, 85°C, axial
1.5uF, 35V, radial, resin dipped	33uF, 50V, 85°C, radial
1.5uF, 20%, 50V, 105°C, radial	33uF, 100V, 85°C, axial
2.2uF, 16V, radial, resin dipped	33uF, 100V, 105°C, radial
2.2uF, 35V, radial, resin dipped	39uF, 25V, 105°C, radial
2.2uF, 10%, 50V, 85°C, radial	47uF, 10V, 85°C, axial
2.2uF, 100V, 105°C, radial	47uF, 10V, 105°C, radial
3.3uF, 16V, radial, resin dipped	47uF, 16V, 85°C, axial
3.3uF, 35V, radial, resin dipped	47uF, 16V, 85°C, radial
3.3uF, 50V, 105°C, radial	47uF, 16V, radial, resin dipped
3.3uF, 100V, 105°C, radial	47uF, 25V, 85°C, axial
4.7uF, 16V, radial, resin dipped	47uF, 25V, 105°C, radial
4.7uF, 35V, radial, resin dipped	47uF, 50V, 85°C, axial
4.7uF, 50V, 105°C, axial	47uF, 50V, 85°C, radial
4.7uF, 50V, axial	47uF, 100V, 85°C, axial
4.7uF, 50V, 105°C, radial	47uF, 100V, 105°C, radial
4.7uF, 100V, 105°C, radial	68uF, 16V, 105°C, radial
6.8uF, 16V, radial, resin dipped	68uF, 16V, radial, resin dipped
6.8uF, 20%, 50V, 105°C, radial	68uF, 50V, 105°C, radial
10uF, 16V, 105°C, radial	68uF, 100V, 105°C, radial
10uF, 16V, radial, resin dipped	100uF, 6.3V, 85°C, axial
10uF, 25V, 105°C, radial	100uF, 10V, 85°C, axial
10uF, 25V, 105°C, radial	100uF, 10V, 105°C, radial
10uF, 35V, radial, resin dipped	100uF, 16V, 105°C, radial
10uF, 50V, 85°C, radial	100uF, 16V, 85°C, radial
10uF, 50V, 105°C, radial	100uF, 25V, 85°C, radial
10uF, 100V, 85°C, axial	100uF, 25V, 105°C, radial
10uF, 100V, 105°C, radial	100uF, 35V, 85°C, axial
15uF, 16V, radial, resin dipped	100uF, 50V, 85°C, axial
	100uF, 50V, 105°C, radial

Capacitors, Electrolytic Continued

100uF, 100V, 85°C, axial	330uF, 50V, 105°C, axial	820uF, 50V, 105°C, radial
100uF, 100V, 105°C, radial	330uF, 50V, 105°C, radial	1000uF, 6.3V, 85°C, axial
150uF, 25V, axial	330uF, 100V, 85°C, radial	1000uF, 10V, 105°C, radial
150uF, 50V, 105°C, radial	330uF, 100V, 85°C, radial	1000uF, 16V, 20%, axial
150uF, 100V, 105°C, radial	330uF, 100V, 105°C, radial	1000uF, 16V, 105°C, radial
180uF, 10V, 105°C, radial	470uF, 10V, 105°C, radial	1000uF, 25V, 105°C, radial
180uF, 16V, 105°C, radial	470uF, 16V, 85°C, axial	1000uF, 35V, 105°C, radial
180uF, 25V, 105°C, radial	470uF, 16V, 105°C, radial	1000uF, 50V, 85°C, axial
220uF, 10V, 85°C, radial	470uF, 25V, 85°C, axial	1000uF, 50V, 85°C, radial
220uF, 10V, 105°C, radial	470uF, 25V, 105°C, radial	1000uF, 100V, 85°C, axial
220uF, 16V, 85°C, axial	470uF, 50V, 85°C, axial	1000uF, 100V, 85°C, radial
220uF, 16V, 105°C, radial	470uF, 50V, 105°C, radial	1500uF, 20%, 25V, 105°C, radial
220uF, 25V, 105°C, radial	470uF, 100V, 85°C, axial	2200uF, 6.3V, axial
220uF, 35V, 105°C, radial	470uF, 100V, 105°C, radial	2200uF, 25V, 85°C, axial
220uF, 50V, 85°C, axial	470uF, 400V, 105°C, radial	2200uF, 20%, 25V, 105°C, radial
220uF, 50V, 105°C, radial	680uF, 10V, 105°C, radial	2200uF, 50V, 85°C, axial
220uF, 100V, 85°C, axial	680uF, 16V, 105°C, radial	3300uF, 10V, 105°C, radial
220uF, 100V, 105°C, radial	680uF, 25V, 105°C, radial	3300uF, 25V, 85°C, radial
330uF, 10V, 105°C, radial	680uF, 50V, 105°C, radial	4700uF, 16V, 85°C, axial
330uF, 16V, 105°C, radial	680uF, 100V, 105°C, radial	4700uF, 25V, 85°C, radial
330uF, 25V, 85°C, axial	820uF, 10V, 105°C, radial	6800uF, 16V, 105°C, axial
330uF, 25V, 105°C, radial	820uF, 16V, 105°C, radial	10000uF, 25V, 20%, axial
330uF, 50V, 85°C, axial	820uF, 25V, 105°C, radial	220mF, 5.5V, 30%, radial

D-sub, Ribbon, Cinch, and Test Connectors

D-sub Connectors

Hood	Male Solder Cup	Female
9 Pin	9 Pin	9 Pin
15 Pin	15 Pin	15 Pin
25 Pin	25 Pin	25 Pin
37 Pin	37 Pin	37 Pin

Ribbon Connectors

DB9M	DB25M
DB9F	DB25F

DB-9 Gender Changer M-M
DB-9 Gender Changer F-F

Ribbon Socket Connectors

10 Pin	20 Pin	40 Pin
14 Pin	26 Pin	50 Pin
16 Pin	34 Pin	

Connectors, Continued

Cinch Connectors

Panel Plug	Panel Socket	Cable Plug	Cable Socket
2 Cond	2 Cond	2 Cond	2 Cond
3 Cond	3 Cond	3 Cond	3 Cond
4 Cond	4 Cond	4 Cond	4 Cond
6 Cond	6 Cond	6 Cond	6 Cond
8 Cond	8 Cond	8 Cond	8 Cond
10 Cond	10 Cond	10 Cond	10 Cond
12 Cond	12 Cond	12 Cond	12 Cond

Test Connectors

Mini test jack, horizontal, uninsulated, red
 Mini test jack, horizontal, uninsulated, black
 Standard test jack, horizontal, uninsulated, white
 Standard test jack, horizontal, uninsulated, red
 Standard test jack, horizontal, uninsulated, black
 Standard test jack, horizontal, uninsulated, green
 Standard test jack, horizontal, uninsulated, blue
 Standard test jack, horizontal, uninsulated, violet

Batteries, Battery Holders, Fuse Holders

Batteries

AAA
 AA
 9V
 12V A23 size
 357/303 button
 A76/CR44 button
 386/301 button
 CR2016
 CR2032
 CR2450

Battery Holders

AAA size, metal, solder
 AAA size, plastic, 6" wire leads
 AAA size, 2 batteries, plastic, 6" wire leads
 AAA size, 4 batteries, plastic, 6" wire leads
 AA size, 2 batteries, plastic, 6" wire leads
 AA, size 3 batteries, plastic, 6" wire leads
 AA size, 4 batteries, plastic, 6" wire leads
 AA size, 2 batteries, plastic, PC mount
 AA size, 4 batteries, plastic, PC mount
 AA size, metal, solder
 C size, metal, solder
 D size, metal, solder
 9 V, metal, solder
 9 V, snaps, 6" wire leads
 9 V, plastic, PC mount
 9 V, steel clip
 9 V, male snap, metal, PC mount
 9 V, female snap, metal, PC mount
 12V A23 size, plastic, 6" wire leads
 CR 2032, 20mm, metal, PC mount
 CR 2450, 24.5mm, metal, PC mount

Fuse Holders

Panel Mount
 1-1/4" x 1/4", 250V, 20A
 1-1/4" x 1/4", 250V, 230A

 In-line
 1-1/4" x 1/4", 500V, 10A
 5mm x 20mm, 250V, 10A
 1-1/4" x 1/4", 250V, 15A

 Board Mount
 1-1/4" x 1/4", 15A
 1-1/4" x 1/4"
 5mm x 20mm, 250V, 6.3A

Fuses

AGX	AGC	GMA	ABC	MDL	3AB
1/32A	1/32A	1/16A mini	6A	1/100A	10A, 250V
1/16A	1/16A	1/8A	10A	1/32A	SB 12A
1/8A	1/8A	1/4A	20A	1/16A	250V SB
1/4A	1/4A	1/2A		1/10A	15A, 250V SB
1/2A	1/2A	1.6A		1/8A	
3/4A	3/4A	2A		2/10A	
1A	1A	3.15A fast		1/4A	GDC
2A	1.5A	7A		3/8A	300mA
3A	2A	5A		1/2A	
	3A	10A		8/10A	
	5A			1A	
	6A			1.5A	
	8A			2A	
	10A			3A	
	15A			4A	
GMC	KLK			5A	
3.5A	15A, 600V			8A	
				10A	
				15A	
				20A	

Header Strips

72 Pin Header Strip, .1"

Double Row Male Wire Wrap
 Double Row Male Solder
 Double Row Female Solder

Header Strip, female, .1" solder

2 pin	7 pin	12 pin
3 pin	8 pin	14 pin
4 pin	9 pin	16 pin
5 pin	10 pin	
6 pin	11 pin	

Header Strip, male, .1" solder

3 pin	6 pin	8 pin	14 pin
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Stackable Header Strip, .1"

6 pin	8 pin	9 pin
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36 Pin Header Strip, .1"

Single Row Male Wire Wrap
 Single Row Male Solder
 Single Row Female Solder

Header Strip, male, right angle, .1" solder

5 pin
10 pin
36 pin
80 pin, dual row

Grabbers and Alligator Clips

Alligator Clips

Very small steel, BU-30, 5A
Very small copper, BU-30, 5A
Small, with barrel, BU-30, steel, 5A
Very small copper, BU-34C, no teeth, 5A
Small, fits banana plug, BU-60, steel, 10A
Large heavy duty steel, BU-24A, 25A
Small heavy duty steel, BU-45, 5A
Crocodile style, steel, BU-85, 5A

Alligator Clip Test Leads

Clip to clip, set of 3
Clip to clip, set of 10
Clip to male jumper pin, pair
Clip to male jumper pin, set of 12

Grabbers

Pomona Mini-Grabber #3925-R
Pomona Mini-Grabber #3925-B
BNC Female to 2 Mini-Grabber Hooks

Misc. Clips

Battery clip, black, BU-46C, Red , 75A
Battery clip, red, BU-46C, Red , 75A

Alligator Clip Boots

Black, fits BU-24A
Red, fits BU-24A
Black, fits BU-30
Red, fits BU-30
Black, fits BU-60
Red, fits BU-60
Black, fits BU-85
Red, fits BU-85

IC Sockets, Tags

Solder Tail

4 Pin
6 Pin
8 Pin
14 Pin
16 Pin
20 Pin
24 Pin
24 Pin SLP
28 Pin
40 Pin

Wire-Wrap

8 Pin
14 Pin
16 Pin
18 Pin
22 Pin
24 Pin
28 Pin
40 Pin
64 Pin

Surface Mount Adaptors

SOIC to 8 pin DIP
SOIC to 8 pin SIP
SOIC to 16 pin DIP
SOIC-14 or TSSOP-14 to DIP
MSOP-8 to 8 pin SIP
SOT 23-5 to 5 pin SIP
SOT-23-6 to 6 pin DIP
SC70-6/SOT-363 to 6 pin DIP
SMT parts to 16 pin DIP

ZIF socket

40 pin

Integrated Circuits

Logic ICs

74LS00	74LS76	74LS157	74C04	74HU04	CD 4011	7447
74LS02	74LS83	74LS163	74C08	74HC08	CD 4013	7448
74LS04	74LS85	74LS164	74C48	74HC14	CD 4026	7451
74LS07	74LS86	74LS169	74C76	74HC74	CD 4027	7470
74LS08	74LS90	74LS175	74C93	74HC86	CD 40109	7473
74LS09	74LS123	74LS193	74C154	74HC112	7400	7474
74LS11	74LS125	74LS194	74C164	74HC154	7402	7476
74LS32	74LS138	74LS221	74C195	74HC164	7427	7486
74LS73	74LS139	74LS240	74HC00	74HCT74	7432	7493
74LS74	74LS153	74LS283	74HC02	CD 4001	7438	
74LS75	74LS155	74LS374	74HC04	CD 4010	7446	

PIC and PIC Support

ADM 3202 ANZ
 MAX202 CPE+
 MAX 3202
 PIC 12F675 - I/P
 PIC 12F683 - I/P
 PIC 12LF1572 - I/P
 PIC16F627A - I/P
 PIC16F1708 - I/P
 PIC 18LF4550 - I/P
 PIC 18F4520 - I/P
 PIC 24FJ64GA002-I/SP

OP-AMPS/REGULATORS

INA121PA	LM380N	LM747N	LM7824	LF398N
INA128	LM384N	LM748N	LT1006	LF411CN
INA826	LM386N-1	LM833N	LT1112	LF412CN
LM301N	LM386N-3	LM1496N	AD623	LT1016
LM311N	LM386N-4	LM2937 +2.5	AD817	LT1637
LM317T	LM387N	LM2937 +3.3	LM7905	LT1920
LM318N	LM393N	LM2940T-5	LM7912	OP97
LM324N	LMC555	LM2940T-10	LM7915	OP177
LM334Z	LM555CN	LM3900N	LM7924	OPA 604
LM336Z-2.5	LM556N	LM6171	LMC6081	TL071CP
LM336Z-5.0	LMC556	LM6172	LMC6082	TL072CP
LM337T	LM565N	LM6181	LF347N	TL074CN
LM339N	LM566CN	LM7171	LF351N	TLC27M2
	LMC660N	LM7805T	LF353	TLE2426
LM348N	LMC662CN	LM7812T	LF355N	
LM358N	LM741CN	LM7815T	LF356N	

DC/DC Converters

R-78 E 5.0-0.5

Voltage Inverter

TL7660

Miscellaneous ICs

NE558
 ICL8038
 MCT2
 ADC0804
 AD8056
 RCA4559P
 DRV 8835
 HCPL 2601
 4N33
 4N35
 SA602AN
 IR2110

Linear IC Application Chart

General Purpose		Depot	Driver/Receiver		High Speed, Low Power	Depot
Op Amp		P/N	100-	100-		P/N 100-
LM301N	D	1165	ADM3202ANZ	1285	LM6171	1259
LM324N	SD	1222	Audio		LM6172	1263
LM348N	D	1167	LM380N	1251	AD817	1296
LM358N	D	1168	LM384N	1248	Very High Speed, High Current	
LMC660N	S	1233	LM386N-1	1229	LM7171	1260
LMC662CN	S	1234	LM386N-3	1280	Low Power, High Precision	
LM741CN	D	1171	LM386N-4	1228	LT1006	1283
LM747N	D	1172	LM387N	1203	LT1112	1270
LM748N	D	1176	LM833N	1255	OP97	1269
LM3900N	S	1169	JFET Input		TLC27M2	1218
Comparator			LF347N	1223	INA128	1302
LM311N	SD	1195	LF351N	1174	OP177	1303
LM339N	SD	1197	LF353	1173	Low Drift Low Power Instrumentation	
LM393N	SD	1279	LF355N	1224	AD623	1282
LT1016	SD	1312	LF356N	1175	INA826	1327
High Speed Precision			LF398N	1205	LT1920	1322
LM318N	D	1166	LF411CN	1226	Optocoupler	
RC4559P	D	1268	LF412CN	1227	HCPL 2601	409-1003
	S=	single supply	TLO71CP	1178	MCT2	409-1002
	D=	dual supply	TLO72CP	1179	4N33	409-1001
	SD=	either	TLO74CN	1180	4N35	409-1000
A/D, D/A			OPA604	1284	Mixer/ Oscillator	
ADC0804		1242	Voltage Inverter		SA602AN	1245
MCP4821		1267	TL7660	1298	Modulator/ Demodulator	
Voltage Regulator/ Ref			Dual Voltage Feedback Amp		LM1496N	1201
LM337T	-ADJ	1182	AD8056ANZ	1313	Current Feedback	
LM317T	+ADJ	1181	DC/DC Converter		LM6181	1315
LM7924	-24V	1190	R-78 E 5.0-0.5	1299	Rail Splitter	
LM7915	-15V	1189	Current Source		TLE2426	1316
LM7912	-12V	1188	LM334Z	1202	Over the top micropower	
LM7905	-5V	1187	Timer		LT1637	1321
LM336Z-2.5	+2.5V	1210	LMC555	1235	Gate Driver	
LM2937	+2.5V, +3.3V	1323,1275	LM555CN	1206	IR2110	1326
LM7805T	+5V	1183	LM556N	1207	Dual Motor Driver	
LM2940T-5	+5V	1288	LMC556	1236	DRV 8835	1318
LM336Z-5.0	+5V	1211	NE558	1237	H-Bridge	
LM2940T-10	+10V	1319	PLL/VCO		754410	1317
LM7812T	+12V	1184	ICL8038	1209	Stepper Motor Driver	
LM7815T	+15V	1185	LM565N	1208	DRV 8825	1325
LM7824	+24V	1186	LM566CN	1204		

Knobs, Heat-sinks

Knobs

Mouser 506-PKG50B, 1/8" shaft
Raytheon 407R1K1, 1/8" shaft
Digikey 679-35445-ND, 1/4" shaft
Mouser 45KN012, 1/4" shaft
Digikey 1568-1600-ND, 1/4" shaft
Mouser 45KN021, 1/4" shaft

Heat Sinks

Wakefield 201CD	for TO-92
Wakefield 292AB	for TO-92
Wakefield 207AB	for TO-5
Wakefield 222CB	for TO-92
Themalloy 2225B	for TO-3
Themalloy 2227A	for TO-3
Aavid 507002B	for TO-220
Aavid 5077302	for TO-220

Test Probes

Pomona 5075-0 BLACK
Pomona 5075-2 RED

Potentiometers

H.M. Trim Pot

Ohm	K Ohm	M Ohm
50	1	1
100	2	2
200	5	
500	10	
	20	
	25	
	50	
	100	
	200	
	250	
	500	

V.M Trim Pot

Ohm	K Ohm	M Ohm
10	1	1
20	2	2
50	5	5
100	10	
200	20	
500	25	
	50	
	100	
	200	
	250	
	500	

V.M Trim Pot

Trim Pot
100 Ohm
50 K ohm

Mini Pot

K Ohm	M Ohm
1	1
10	
50	
100	
250	
500	

2 Watt Pots S.T.

Ohm	K Ohm	M Ohm
50	1	1
100	1.5	1.5
150	2.5	3.5
250	3.5	5
350	5	
500	7.5	
750	10	
	15	
	25	
	35	
	50	
	75	
	100	
	350	
	500	
	750	

Single Turn PC Mount

1 K Ohm
10 K Ohm
50 K Ohm
100 K Ohm
1 M Ohm

Single Turn Breadboard Mount

Finger Adjust
10 K Ohm tall
10 K Ohm short
100 K Ohm short
100 K Ohm tall

Digital IC Application Chart

Quad 2-input NAND gate	D Flip Flop, Dual	4-bit Binary Full Adder
7400 -1000	7474 -1019	74LS83 -1054
74LS00 -1035	74LS74 -1051	74LS283 -1083
74HC00 -1156	74HC74 -1258	4 Bit Magnitude Comparator
CD4011 -1292	CD4013 -1293	74LS85 -1055
Quad 2-input NOR gate	74HCT74 -1320	Dual Monostable Multivibrator
7402 -1001	D Flip Flop, Quad	74LS123 -1061
74LS02 -1036	74LS175 -1073	74LS221 -1076
74HC02 -1305	D Flip Flop, Octal	Dual 4 to 1 Multiplexer
CD4001 -1160	74LS374 -1087	74LS153 -1066
Hex Inverter	J-K Flip Flop	Quad 2 to 1 Multiplexer
7404 -1002	7470 -1017	74LS157 -1068
74LS04 -1037		2 to 4 decoder/demultiplexer
74C04 -1103	J-K Flip Flop, Dual	74LS138 -1063
74HC04 -1306	7473 -1018	Dual 2 to 4 decoder/demultiplexer
74HCU04 -1157	7476 -1021	74LS155 -1067
Hex inverter, Schmitt trigger	74LS73 -1050	3 to 8 decoder/demultiplexer
74HC14 -1311	74LS76 -1053	74LS138 -1063
CD40106 -1291	74C76 -1114	4 to 16 decoder/demultiplexer
Hex buffer/driver	74HC112 -1310	74HC154 -1123
74LS07 -1038	CD 4027 -1308	BCD to 7 Segment Decoder/Driver
Quad Tri-state Buffer	Quad Latch	7446 -1013
74LS125 -1062	74LS75 -1052	7447 -1014
Octal buffer/drvr/rcvr,tri-state	4 Bit Binary Counter	7448 -1015
74LS240 -1077	7493 -1024	74C48 -1111
Triple 3-input NOR gate	74C93 -1118	HEF4543B -1278
7427 -1009	74LS163 -1070	
Quad 2-input OR gate	74LS169 -1093	
7432 -1010	4 Bit Binary/Decade Counter	
74LS32 -1048	74LS90 -1057	
Quad XOR gate	4 Bit Binary Up/Down Counter	
7486 -1022	74LS93 -1074	
74HC86 -1309	Decade Counter, 7 Segment display output	
74LS86 -1056	74LS90 -1057	
Quad 2-input AND gate	CD4026 -1294	
74LS08 -1039	4 Bit Shift Register	
74C08 -1104	74C195 -1136	
74HC08 -1307	4 Bit Bi-directional Shift Register	
Quad 2-input AND gate (OC)	74LS194 -1075	
74LS09 -1040	8 Bit Shift Register, Serial In/Parallel Out	
Triple 3-input AND gate	74LS164 -1071	
74LS11 -1042	74C164 -1129	
AND-OR-INVERT gate	74HC164 -1130	
7451 -1016		

Rubber Feet, Grommets, Strain Relief, Barrier Strips

Rubber Feet

Adhesive Large Depressed
 Adhesive Large Flat
 Adhesive Large Tapered
 Adhesive Large
 Adhesive Small Tapered
 Tack On Small
 Press-In Small Depressed

Grommets

1/8" ID
 3/16" ID
 1/4" ID
 3/8" ID
 1/2" ID
 9/16" ID
 5/8 ID

Strain Relief

5/8"
 1/2"
 3/8"
 Flat Wire

Barrier Strips

2 Term
 4 Term
 6 Term
 7 Term
 8 Term
 9 Term
 10 Term
 11 Term
 Barrier Strip Jumper

Spade, Lug, Ring Connectors, LEDs, Displays

Red 22-18 ga ring connectors

#4
 #6
 #8
 #10
 1/4"
 butt connector

Blue 16-14 ga ring connectors

#4
 #6
 #8
 #10
 1/4"
 butt connector

Yellow 10-12ga ring connectors

#6
 #8
 #10
 1/4"
 3/8"
 butt connector

Red spade connector 22-18ga

#6
 #8
 #10
 quick disc male red 22-18 ga, .25"
 quick disc female red 22-18 ga, .25"
 quick disc male red #6
 quick disc male red 22-18ga, .187
 quick disc female red 22-18ga, .187"

Blue 16-14 ga spade

#6
 #8
 #10
 quick disc male blue 16-14
 quick disc female blue 16-14
 quick disc female blue 16-14, .187

Yellow 10-12ga spade

#6
 #8
 #10
 quick disconnect male 10-12 ga
 quick disconnect female 10-12 ga

LED Strip

1x8 RGB Addressable
 1 meter long RGB Addressable

LED Matrix

8x8 red
 8x8 RGB addressable

LED Bar Graph

10 Segment red
 10 segment green

Wire Nut

Orange
 Yellow
 Red
 Blue
 Gray

LED (5mm)

Red (3mm & 5mm)
 Orange
 Yellow
 Green (3mm & 5mm)
 Blue
 Violet
 White
 RGB
 Infrared
 RGB addressable (8mm)

LCD Display

16 char x 2 line RGB, backlight
 8 char x 2 line I2C, 3.3V
 Monochrome 1.3" 128x64 OLED graphic disp

LED Display, 7 segment

Single red, CA, 12 mcd
 Dual red, CA, 13 mcd
 Triple red, CC, 5.6 mcd

Lever Nut

2, 3, 5 wire

Switches

Pushbutton

MOM Contact, Tiny
 MOM Contact, Small
 MOM Contact, Big
 MOM Break, Small
 MOM Break, Big
 MOM Contact
 MOM Contact, PC mount, 6 mm
 MOM Contact, PC mount, 12 mm
 Assorted 12 mm, PC mount
 Assorted 12 mm, Breadboard mount

Toggle

SPST Big
 SPDT Small
 SPDT Big
 DPDT Small
 SPDT Center Off
 DPDT Center Off
 SPST 3A 250V
 SPST 15A 125V

In-Line

Feed Thru

Slide

SPST
 SPDT
 DPDT
 SPDT MOM Contact
 SPDT BB friendly

DIP

4 position
 8 position
 12 position

Rocker

120 VAC lighted, SPST, 20A
 120 VAC lighted, SPST, 10A
 12 VDC lighted, SPST, 10A
 Momentary, SPDT, 10A
 DPST, 16A
 DPDT, 13A

Keypad

4x4 matrix

Wire

Hookup Wire-Solid, 300V Max

	AWG	30	24	22	20	18	16
Color							
Black		x	x	x	x	x	
Red			x	x	x		x
Yellow		x	x	x	x	x	x
Green		x	x	x	x	x	x
Blue		x	x	x	x		
White		x	x	x	x		x

Hookup Wire-Solid, 600V Max

	AWG	18	16
Color			
Black		x	x
Red		x	x
Yellow		x	
Green		x	x
Blue		x	
White		x	x

Hookup Wire-Solid, 1000V Max

AWG	20	18	16
Color			
Black			
Red			
Yellow			
Green		x	x
White	x		x

Hookup Wire-Stranded, 600V Max

	AWG	24	20	18	16	14
Color						
Black		x	x	x	x	
Red		x	x	x	x	x
Yellow				x	x	x
Green				x	x	x
Blue			x	x	x	
White		x	x	x	x	x

Hookup Wire-Stranded, 300V Max

	AWG	30	28	26	24	22	20	18
Color								
Black		x	x	x	x	x	x	x
Red		x	x	x	x	x		
Yellow		x	x	x	x	x	x	x
Green		x	x	x	x	x	x	x
Blue		x	x	x	x	x	x	x
White		x	x	x	x	x	x	x

Bus Bar Wire AWG

14 18
 16 24

Magnet Wire AWG

16 24
 20 28
 22 30

Cable

Multiconductor Cable

2 conductor shielded AWG 18
 4 conductor unshielded AWG 28, Flat
 4 conductor shielded AWG 20
 4 conductor shielded AWG 24
 5 conductor shielded AWG 20
 6 conductor shielded AWG 24
 10 conductor unshielded AWG 22
 10 conductor shielded AWG 24
 15 conductor shielded AWG 24

Coaxial Cable

RG-6
 RG-8
 RG-58
 RG-178

Ribbon Cable

10 conductor, 5' length
 25 conductor
 50 conductor

Transistors

Silicon NPN

General Purpose

P/N	110-
2N718	1003
2N3393	1079
2N3394	1026
2N3904	1031
2N4401	1033
2N6014	1044
PN2222	1010

Power

P/N	110-
2N3055	1047
2N3771	1049
D40C7	1052

rf

P/N	110-
2N5134	1036

Switching

P/N	110-
2N2222	1009
PN2369	1011

Darlington Pair

P/N	110-
TIP 120	1080
TIP 140	1083

Silicon PNP

General Purpose

P/N	110-
2N2862	1018
2N3906	1032
2N4403	1034
2N5817	1040
D45C5	1055

Power

P/N	110-
MJ2955	1046
TIP127	1051

rf

P/N	110-
D41D8	1054
SK3118	1041

Switching

P/N	110-
2N2907A	1019

Triac

P/N	110-
L4004L3	1081
SC146B	1060

N-Channel JFET

General Purpose

P/N	110-
2N5458	1063
2N5485	1064

N-Channel MOSFET

P/N	110-
2N4416	1062
3N139	1066
2N7000	1076
R5016FNX	1082
IRFD110	1085
IRF520N	1086
IRL520	1087
IRLB8743	1089

P-Channel MOSFET

P/N	110-
IRFD9010	1084

N-Channel MOSFET

Matched Pair

P/N	110-
ALD1116PAL	2000

NPN Array

P/N	110-
CA3083	2002
ULN2003	2003

Custom Cable Parts

Crimp Connector Housings, 0.1" spacing

Single row (# of Pins)

1	2	3	4	5	6
7	8	9	10	12	16

Double row (# of Pins)

2	3	4	5	6
7	8	8	10	12

Wire with pre-crimped terminals, assorted colors

female - female	3", 6", 12" lengths
female - male	3", 6", 12" lengths
male - male	3", 6", 12" lengths

Miscellaneous Parts

Resistor Network

- 100 Ohm, 8 isolated, 16 pin
- 270 Ohm, 8 isolated, 16 pin
- 330 Ohm, 8 isolated, 16 pin
- 470 Ohm, 8 isolated, 16 pin
- 1.8K Ohm, 8 isolated, 16 pin
- 2.2K Ohm, 7 pullup, 8 pin

Relay

- SSR, 10mA, 240V, 1.2A, 8-DIP
- Reed, 500 MA, DPST, 12V@24mA, DIP
- Power, SPDT, 12VDC, 16A@250VAC
- Automotive, SPDT, 40A@12V
- Power, DPDT, 12VDC, 5A@250VAC
- 1 Ch. Relay Module, 5V, 10A@ 250VAC
- 2 Ch. Relay Module, 5V, 10A@ 250VAC

Latching Relay

- Power, SPDT, 12VDC, 16A@250VAC

Plastic Storage Boxes

- Plano 5231 double cover
- Plano 3750, 14" x 9" x 2"
- Plano 3650, 11" x 7.5" x 2"
- Really Useful Box, 8" x 4" x 2"
- Blue plastic box, 8-3/8" x 5-5/8" x 2-1/8"

Solar Cell

- 2VDC, 89 mW, 44.6mA, 43mm x 14mm
- 5VDC, 89 mW, 30mA, 55mm x 30mm

Metal Oxide Varistor

- 340V, 35J, 2500A, 130VAC, 170VDC

Speakers

- 8 Ohm, 23mm dia, wire leads, .25W
- 8 Ohm, 40mm dia., 88 dB, 100mW
- 8 Ohm, 28mm dia., wire leads, 87dB, 2W
- 8 Ohm, 57mm, round, 3W
- 8 Ohm, 66mm square, 3W
- 16 Ohm, 2" dia., wire leads, 82dB, 1W

Static Protection

- Wrist strap
- Wrist strap and cord
- Anti-static bag, 4" x 6", reclosable
- Anti-static bag, 6" x 8", reclosable
- Anti-static bubble bag, 4" x 3.5", sealable
- Anti-static foam, 1' x 2'

Electrode

- ECG Electrode

Antennas

- 2.4 GHz WiFi flexible antenna

Buzzers

- 4.50KHZ, 3-28VDC, 85dB
- Piezo, square wave drive

Crystals

- 2.4576 MHz
- 3.6864 MHz
- 4.000 MHz
- 8.000 MHz
- 10.000 MHz
- 12.000 MHz
- 16.000 MHz
- 20.000 MHz
- 32.000 MHz

Crystal Oscillators

- 8.000 MHz, XO, CMOS, TTL
- 16.000 MHz, XO, CMOS, TTL

Magnets

- N38, cyl, 18mm x 18 mm
- N48 cyl, 1/8" x 1/8"

Joystick

- Thumb Joystick

Circuit Board Mounting Hardware

Machine Screws

2-56, 1/4" long, steel
2-56, 3/8" long, steel
2-56, 7/16" long, steel
2-56, 1/2" long, steel or nylon
4-40, 1/4" long, steel or nylon
4-40, 3/8" long, steel or nylon
4-40, 1/2" long, steel or nylon
4-40, 3/4" long, nylon
6-32, 1/4" long, steel or nylon
6-32, 3/8" long, steel
6-32, 1/2" long, steel or nylon
6-32, 3/4" long, steel
6-32, 1/4" long, nylon
8-32, 3/8" long, steel
8-32, 1/2" long, steel
8-32, 1" long, nylon
10-32, 1" long, nylon

Sheet Metal Screws

#2, 1/4" long
#2, 3/8" long
#4, 3/8" long
#4, 1/2" long
#4, 1" long
#6, 3/8" long
#6, 1/2" long
#8, 3/8" long
#8, 1/2" long

Standoff Spacer

1/2", hex, 4-40 thread, al, m/f
1", hex, 4-40 thread, nylon, m/f
1/2", hex, 6-32 thread, al, m/f
1", hex, 6-32 thread, al, m/f
3/8", hex, 4-40 thread, zinc plated brass
1/4", hex, 6-32 thread, al
1/2", hex, 6-32 thread, plastic
1/2", round, 6-32 thread, al
1", hex, 6-32 thread, al

Nut

#2, steel or nylon
#4, steel or nylon
#6, steel or nylon
#8, steel or nylon
#10, nylon

Lock Washer, Internal

#2
#4
#6
#8

Flat Washer

#2, steel or nylon
#4, steel or nylon
#6, steel or nylon
#8, steel or nylon
#10, nylon

Solder, Soldering Tools, and Replacement Parts

Replacement Parts

Tip, Weller 8125
Tip, Weller ETA
Tip, Weller ETO
Tip, Weller PTA7
Tip, Weller PTS7
Tip, Weller ST6
Heater, Weller 12345S, 33W

Solder Paste

Adafruit 3217 Makerpaste

Solder

63/37, RMA flux, .015" dia.
60/40, RA flux, .025" dia.
63/37, RA flux, .040" dia.
96.5/3/0.5 (Lead free),
no-clean flux, .031" dia.

Flux

Flux pen, 186 RMA
Flux pen, 2331ZX water soluble
Flux pen, 951 no-clean
Liquid flux dispenser

Soldering Tools

Soldering iron, Weller WP35, 35W pencil
Soldering gun kit, Northern Ind., 150W
Soldering iron stand
Soldering iron sponge
Soldering iron tip cleaner

Desoldering Tools

Desolder pump
Desolder pump tip
Desoldering braid, .050" x 5'
Desoldering braid, .075" x 5'
Desoldering braid, .100" x 5'

Programmers, Development Systems, Single Board Computers

Arduino Uno R3
Basys 3
Particle Photon

Raspberry Pi 3 Model B+
SNAP programmer

Communication Devices

Bluetooth 2.0 module HC06, RS232, wireless
Tranceiver radio breakout RFM69HCW, Adafruit 3071

WiFi breakout ATWINC 1500, Adafruit 2999
Bluetooth 4.0 HM-10 transceiver module
Adafruit Bluefruit LE UART Friend

Prototyping Tools

Solderless Breadboards

170 point, white
400 point, 2 bus strips
830 point, 2 bus strips

Boards

Vector board
Protoboard
4" x 6", PTH
2" x 3", PTH

PC Boards

150 point breadboard
228 point mint tin size
400 point breadboard
830 point breadboard
Snappable protoboard
20 pin SIP protoboard

Wires

Wire kit, 70 pc
Wire kit, 140 pc
Male to male jumpers
Male to female jumpers
Female to female jumpers

Test & Measurement Equipment

Safety Supplies

Gloves

Exam, Nitrile, powder and latex-free, medium
Exam, Nitrile, powder and latex-free, large

Safety Glasses

Indoor/Outdoor
Over glasses style
Goggles, anti-fog

Hearing Protection

Ear plugs, NRR 30/SNT 34

Mask

Dust

Cleaning Supplies

Towels

Paper, roll
Shop, red fabric

Hand Cleaners

Soap, pumice bar
GOJO natural orange pumice, 7.5 oz. liquid

Misc.

Scour pad, Scotch-Brite heavy duty Glass cleaner, Daybright
Windex, 32 oz.
Duster, HFC-134a, 10 oz. can
Contact Cleaner, Electronics Wash, 12.5 oz.
Baking Soda, refrigerator box

Tape and Adhesives

Tape

Duct tape, silver, roll
Duct tape, red, roll
Electrical tape, roll
Masking tape, roll
Packaging tape, heavy duty, roll
Packaging tape, heavy duty, roll with dispenser
Hook and loop self adhesive dots, pair
Teflon tape, 1/2" width
Wire marker tape, roll

Adhesives

RTV silicone adhesive sealant, clear, tube
Multipurpose, clear, 2 oz. tube
Multipurpose, clear, prec. appl. 1.25 oz. bottle
Super glue gel, 2 pack, 10 g total
Epoxy, 5-min set, bubble pack
Epoxy, J-B weld
Epoxy, 2-part liquid, 2-4 oz. bottle
Glue gun, mini
Glue sticks, hot gun, pack of 25
Squeeze bottle, 16 oz.

Chemicals

Lubricants

WD-40 spray lubricant, multipurpose, 3 oz. can
LPS2 heavy duty lubricant, 11 oz. can
3-in-one multipurpose oil, 3 oz can

Various

Butane, 5.5 oz. can
Thermal paste, silicon based, 4 gm
Thermal paste, silicone-free, 7 gm

Misc. Cables

USB

USB A male to USB B male, 1 meter
USB A male to USB B male, 6'
USB A male to USB B male, 16'
USB A male to USB A female, 6'
USB A male to USB B male mini, 3'
USB A male to USB B male mini, 6'
USB A male to USB B male micro, 6"
USB A male to USB B male micro, 3'
USB A male to USB B male micro, 6'
USB A male to USB A male, 6 1/2'
USB A male to TTL serial, 3'
USB 3.1 A male to USB C male, 1 meter

LCD Display

4 wire, 8" long

Ethernet

Ethernet cat 5E, plug to plug, with boot, 10'
Ethernet cat 6, plug to plug, 15'

Stereo

Plug to Plug, 3ft
Plug to Plug, retractable, 6ft
Plug to flush cut end, 1.5 ft.

Project Boxes

ABS plastic boxes

4.6" x 3.1" x 1.8"
4.6" x 4.6" x 2.3"
6.1" x 4.6" x 2.3"
7.6" x 4.61" x 2.36"
8.7" x 5.91" x 2.5"

Polycarbonate plastic boxes

4.4" x 3.2" x 1.8"
6.73" x 4.76" x 2.17"

Sheet Material

Sheet Material

Acrylic sheet, clear, 12" X 12" X 1/8"
Wood sheet, laserable, 24" x 12" x 1/8"
Birch sheet, laserable, 24" x 12" x 1/4"

Plug In Power Adaptors

5V, 1A, 5 ft. cable with 2.1 mm barrel jack
5V, 2.2A, 5 ft. cable with micro USB
5.25V, 1A, USB port
9V, 1A, 5 ft. cable with 2.1 mm barrel jack
12V, 1A, 5 ft. cable with 2.1 m barrel jack
15V, 1.6A, 5 ft. cable with 2.1 m barrel jack

Sensors

Acceleration

3 Axis, MMA8452Q board, Sparkfun SEN-12756

3 axis, LIS3DH board, Adafruit 2809

Distance

Ultrasonic distance, 2 - 400cm, Pololu 15569

LIDAR distance sensor, 4 - 400cm, Sparkfun SEN-13959

Electrical current

0.01 Ohm resistor, 3%, 1W

0.1 Ohm resistor, 1%, 1W

Flex-stretch-squeeze

2 1/2" long flex, Adafruit 1070

Rubber cord stretch, 39" long, Adafruit 519

Conductive fiber, Adafruit 1088

Light - Phototransistors

photodiode, 580nm, T-1-3/4

NPN, 860 nm, T-1

NPN, 870 nm, T-1-3/4

NPN, 900 nm, T-1

NPN, 940 nm, T-1-3/4

Light - Photocells

3K - 11KOhm, 5.1mm

9K - 20KOhm, 5.1mm

27K - 60KOhm, 5.1mm

80K - 240KOhm, 5.1mm

Light - IC

Digital, high dynamic range, Adafruit 1980

Color with white LED, Adafruit 1356

UV index, Adafruit 1981

LTR390 UV, Adafruit 4831

Lux, VEML7700, Adafruit 4162

Magnetism - Hall Effect IC

Ultra-sensitive, Digikey 620-1040-ND

Latching, Digikey 620-1474-ND

NVE GMR sensor, AAL002-02E

Magnetism - Reed switch

100VDC, 500mA, 10W, Digikey 374-1088-ND

Position

Limit, SPDT, 125V, 10A, Digikey SW867-ND

Moisture

Soil moisture sensor, resistive, Sparkfun SEN-13322

Motion

PIR, with cable, Sparkfun SEN-13285

PIR with adj. sensitivity and delay, Adafruit 189

Pressure

Barometric pressure/altitude, Adafruit BMP280

Sound - Microphone

Electret condenser, 9.7mm dia.,

Omnidirectional, 2.2 KOhm, PC mount

Electret mic & amplifier board, Adafruit 1713

Electret mic & amp board, with adjustable gain

Temperature - Thermistor

NTC, 50mm, 2K Ohm, 1%

NTC, 50mm, 10K Ohm, 5%

NTC, 50mm, 100K Ohm, 1%

Temperature - IC

-40°C - 125°C, Digikey TMP36GT9Z-ND

0°C - 50°C, digital with humidity output, Adafruit 386

Temperature - Thermocouple

Type K, wires with standard connector

Touch - IC

Capacitive, 8 key board, Adafruit 1602

Potentiometer, Sparkfun 13144

Force

Square, .2 to 20N

Round, .2 to 20N

Round .2 to 100N

20 kg Load cell - weight sensor

Audio Connectors

RCA

plugs and jacks, in-line
jacks, panel mount

1/4" Phone

stereo and mono plugs, in-line
stereo and mono jacks, panel mount

3.5mm

stereo and mono plugs, in-line
stereo and mono jacks, panel mount
stereo jack, in-line
stereo jack, PC mount
stereo jack, breadboard friendly

2.5mm

mono plug, in-line
mono jack, panel mount
mono jack, PC mount
mono jack, PC mount, right angle

DC Power Connectors

2.1mm

female plug, in-line
female plug to terminal block adapter
male jack to terminal block adapter

male jack, in-line
male jack, PC mount
male jack with switch, PC or BB mount
male jack, panel mount
male jack to 9V battery clip

Actuators

Solenoids

mini push-pull
water valve

DC Motors

1-3 VDC
3-6 VDC
3VDC cell phone vibration

Servomotors

4.8-6.0 VDC
Hitec HS-311
SG90, 3.0-7.2 VDC
Servo Motor, Continuous Rotation

Pump & accessories

Peristaltic water pump
5mm OD, 3mm ID tubing
tubing straight connector

Stepper motors

PM, Bipolar, 5VDC, 2048 step
PM, Bipolar, 5VDC, 4096 step, w drv

Gear motors

6VDC, 15 RPM FIT-095A
4.5VDC, 90RPM, 800gf-cm