

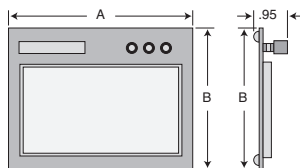
Breadboards and PCB Design

3M™ SOLDERLESS BREADBOARDS

3M solderless breadboards incorporate state-of-the-art techniques in design and fabrication to yield a circuit building system with unparalleled flexibility.

Features:

- 5 way binding post interface connections
- Laboratory proven multi-tie point terminal design
- Steel base with high gloss baked enamel finish
- Alpha-numeric tie-point identification
- 3M jumper wires included with all breadboards

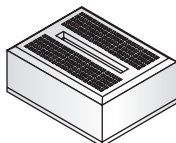


MOUSER STOCK NO.	DIP Capacity	Dim. (in.)		No. of Tie Points	Binding Post	Price Each
		A	B			
517-922306	6-14 pin	5.40	4.00	610	2	26.23
517-922309	9-14 pin	7.00	4.00	840	3	33.76
517-922318	18-14 pin	7.75	6.25	1824	3	51.61
517-922327	27-14 pin	8.00	9.25	2712	4	76.84
517-922336	36-14 pin	10.25	9.25	3648	4	90.27
517-922345	45-14 pin	12.44	9.75	4520	4	135.89
517-922354	54-14 pin	14.69	9.75	5424	4	132.94

3M™ TERMINAL AND DISTRIBUTION STRIPS

Features:

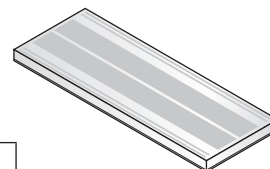
- Terminal strips have spring clips arranged side-by-side.
- Distribution strips have spring clips arranged end-to-end.



MOUSER STOCK NO.	3M Part No.	Description	No. of Tie Points	Price Each
517-923273	923273-1	1/4 double terminal strip	640	9.65

3M™ CIRCUIT STRIPS

Super strip and the small circuit strips breadboarding unit combine terminal and distribution building blocks in a single unit. Plug-in ease of the .100" x .100" solderless tie-point matrix is combined with the convenience of separate distribution buses for power, ground and signal lines.

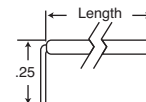


MOUSER STOCK NO.	3M Part No.	Description	No. of Tie Points	Price Each
517-923252-1	923252-1	Super Strip 2, alloy	840	29.29

3M™ COLOR CODED JUMPER WIRES

Features:

- Pre-measured, pre-formed color coded jumper wires
- 22 AWG solid, tinned copper, PVC insulated
- Stripped 1/4", bent 90° on both ends



MOUSER STOCK NO.	Length (in.)	Color	Package Quantity	Price Each
517-923345-01	0.1	None	200	12.79
517-923345-02	0.2	Red	200	14.98
517-923345-03	0.3	Orange	200	14.98
517-923345-04	0.4	Yellow	200	14.54
517-923345-05	0.5	Green	200	14.13
517-923345-06	0.6	Blue	150	14.98
517-923345-07	0.7	Violet	150	14.91

MOUSER STOCK NO.	Length (in.)	Color	Package Quantity	Price Each
517-923345-08	0.8	Gray	150	14.98
517-923345-09	0.9	Whit	150	14.98
517-923345-10	1.0	Brown	100	14.13
517-923345-20	2.0	Red	100	14.54
517-923345-30	3.0	Orange	75	14.98
517-923345-40	4.0	Yellow	75	13.55
517-923345-50	5.0	Green	75	14.98

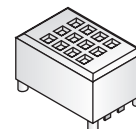
3M™ COLOR CODED JUMPER WIRE ASSORTMENT KIT

- 350 pieces • 14 different color coded lengths • 25 of each length

MOUSER STOCK NO.	3M Part No.	Price Each
517-923351-1	923351-1	40.99

3M™ BREADBOARD TIE-POINT BLOCKS

Ideal for connections to power, ground, clock lines and status monitors, etc. Each group of four tie-points has a solder tail for connection to the circuit. Mounting posts on the plastic body press fit into holes in the PC board. The .100" matrix will accept any lead up to .032 inch; #22 AWG solid wire is recommended for connections.



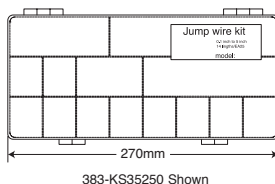
MOUSER STOCK NO.	3M Part No.	Description	Price Each
517-9233011	923301-1	Quad tie-point block	27.84

PP COLOR CODED JUMP WIRE KITS

Features:

- 14 Different color coded lengths of pre-cut, pre-stripped, and preformed 22 AWG solid wire
- Lengths: 0.1 in, 0.2 in, 0.3 in, 0.4 in, 0.5 in, 0.6 in, 0.7 in, 0.8 in, 0.9 in, 1.0 in, 2.0 in, 3.0 in, 4.0 in, 5.0 in
- Stripped end 0.25 in and bent 90 degrees
- 383-SWS1104 includes 4 binding posts
- Handy organizer box included

MOUSER STOCK NO.	Pieces of Each Length	Price Each
383-KS35250	25	22.41
383-SWS1104	10	11.19
383-SWS2100	10	7.98
383-SWS350	5	6.67

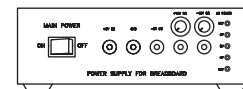


PP AC/DC BREADBOARD POWER SUPPLY

Features:

- Illuminated power switch
- DC power supply:
 - DC + 5 VDC, 1A; -5 VDC, 500mA fixed
 - DC 0 VDC to +15 VDC, 500mA variable
 - DC 0 VDC to -15 VDC, 500mA variable
- AC power supply: AC voltage: 12 VAC, 6 VAC, 0 VAC, 6 VAC, 12 VAC, 300mA fixed
- Accessories: AC cable, DC output wires: 4 red, 1 black

MOUSER STOCK NO.	Price Each
383-PS015VDC	169.83



PULSAR PCB DESIGN PRODUCTS

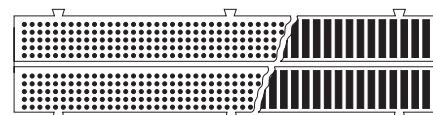
Create your own "iron-on" PC board patterns, faceplates, and color decals from any laser printer or high quality copier.

MOUSER STOCK NO.	Pulsar Part No.	Description	Quantity	Price Each
5165-COMBO-KIT	50-1004	PCB and DecalPro Kits (50-1004)	1	149.95
5165-DECALPRO	50-1001	DecalPro Kit (50-1001)	1	89.95
5165-H-220	50-1301B	Toner Image Applicator (50-1301B)	1	129.95
5165-PCB-KIT	50-1003	PCB "FAB-IN-A-BOX" Kit (50-1003)	1	74.95
5165-PCB-SINGLE	50-1501	.032" Single-Sided PCB (50-1501)	2 - 8" x 10" panels	17.95
5165-PCB-DOUBLE	50-1502	.032" Double-Sided PBC (50-1502)	2 - 8" x 10" panels	19.95
5165-TTS10	50-1101	Toner Transfer Paper (50-1101)	10 - 8.5" x 11" sheets	14.95
5165-GTRF	50-1225	Green Toner Reactive Foil (50-1225)	1 - 8" x 15" sheet	8.95
5165-WTRF	50-1226	White Toner Reactive Foil (50-1226)	1 - 8" x 15" sheet	8.95

PP SOCKET AND BUS STRIPS

Features:

- External body: polymer (resists heat up to 90°C)
- Internal contact material: silver and nickel alloy
- Contact resistance: < 1mΩ
- Snap lock design
- Continuous working temperature should not exceed 50°C (max.)



MOUSER STOCK NO.	Description	Dimen. (In.)		Price Each
		L	W	
383-Q290	58 groups of 5 connected terminals	3.15	1.50	5.57
383-K64	128 groups of 5 connected terminals	6.80	1.50	8.19