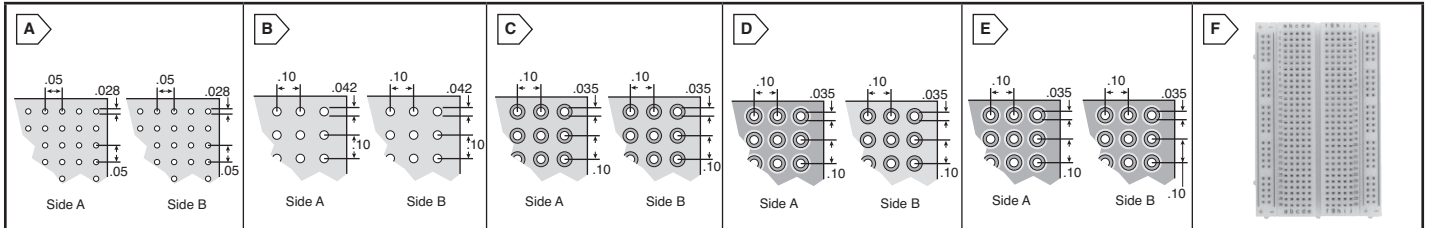


# TWIN INDUSTRIES Prototyping Boards



## GENERAL PURPOSE PROTOTYPING BOARDS

DIMENSIONS: in.

**Specifications:**

• FR4 Material • Hole Size: 7050 Series = 0.028"/7100 Series = 0.042"/8000-8200 Series = 0.035" (Plated)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Twin Industries Part No.	Fig.	Description	Board Size	Price Each	
					1	10
589-7050-100	7050-100	A	Plated holes on a .05" grid and 4" x 8" of plated holes on a .10" grid	8" x 8"	58.00	53.99
589-7100-062-4565	7100-062-4565	B	0.1" x 0.1" grid of non-plated .062" through holes	4.5" x 6.5"	7.50	6.99
589-7100-062-4585	7100-062-4585	B	0.1" x 0.1" grid of non-plated .062" through holes	4.5" x 8.5"	11.25	10.47
589-7100-45	7100-45	B	0.1" x 0.1" grid of non-plated through holes	4" x 5"	4.50	4.19
589-7100-410	7100-410	B	0.1" x 0.1" grid of non-plated through holes	4" x 10"	9.00	8.38
589-7100-1010	7100-1010	B	0.1" x 0.1" grid of non-plated through holes	10" x 10"	22.50	20.95
589-7100-1020	7100-1020	B	0.1" x 0.1" grid of non-plated through holes	10" x 20"	45.00	41.90
589-7100-4565	7100-4565	B	0.1" x 0.1" grid of non-plated through holes	4.5" x 6.5"	7.50	6.99
589-8000-2MM-3U	8000-2MM-3U	C	2mm x 2mm grid of plated through holes, no plane	100mm x 160mm	22.50	20.95
589-8000-1020	8000-1020	C	0.1" x 0.1" grid of non-committed plated through holes, no plane	10" x 20"	118.00	109.85
589-8100-410	8100-410	D	0.1" x 0.1" grid of non-committed plated through holes, one plane	10" x 10"	23.60	21.97
589-8100-1010	8100-1010	D	0.1" x 0.1" grid of non-committed plated through holes, one plane	10" x 10"	59.00	54.93
589-8100-4565	8100-4565	D	0.1" x 0.1" grid of non-committed plated through holes, one plane	4.5" x 6.5"	19.67	18.31
589-8200-410	8200-410	E	0.1" x 0.1" grid of plated through holes, two planes	4" x 10"	23.60	21.97
589-8200-4565	8200-4565	E	0.1" x 0.1" grid of plated through holes, two planes	4.5" x 6.5"	19.67	18.31

## LEAD FREE GENERAL PURPOSE PROTOTYPING BOARDS

**Specifications:**

• FR4 Material • Hole Size: 0.035" (Plated) • Gold Plating over Copper



LEAD-FREE

MOUSER STOCK NO.	Twin Industries Part No.	Fig.	Description	Board Size	Price Each	
					1	10
589-8000-410-LF	8000-410-LF	C	0.1" x 0.1" grid of non-committed plated through holes, no plane	4" x 10"	25.50	23.06
589-8000-45-LF	8000-45-LF	C	0.1" x 0.1" grid of non-committed plated through holes, no plane	4" x 5"	12.75	11.53
589-8000-1010-LF	8000-1010-LF	C	0.1" x 0.1" grid of non-committed plated through holes, no plane	10" x 10"	63.75	60.56
589-8100-45-LF	8100-45-LF	D	0.1" x 0.1" grid of non-committed plated through holes, one plane	4" x 5"	12.75	11.53
589-8200-45-LF	8200-45-LF	E	0.1" x 0.1" grid of plated through holes, two planes	4" x 5"	12.75	11.53

## SOLDERLESS GENERAL PURPOSE BREADBOARD



MOUSER STOCK NO.	Twin Industries Part No.	Fig.	Description	Board Size	Price Each
589-TW-E40-510	TW-E40-510	F	1 terminal strip (400 tie points) and 2 distribution strips (30 tie points each)	2.14" x 3.3"	7.18
589-TW-E40-1020	TW-E40-1020	F	630 Tie Points Terminal Strip & 2 100 Tie Point Distribution Strips	2.14" x 6.5"	7.11
589-TW-E41-1020	TW-E41-1020	F	630 Tie Points Terminal Strip & 2 100 Tie Point Distribution Strips + 70 Piece Wire Kit	2.14" x 6.5"	11.99
589-TW-E41-102B	TW-E41-102B	F	3 Binding Posts, 630 Tie Points Terminal Strip & 2 100 Tie Point Distribution Strips + 70 Piece Wire Kit	2.14" x 6.5"	16.27
589-TW-E41-1060	TW-E41-1060	F	4 Binding Posts, 3 630 Tie Points Terminal Strip & 5 100 Tie Point Distribution Strips + 140 Piece Wire Kit	5.7" x 6.9"	30.50
589-TW-E012-000	TW-E012-000	-	140 Piece Wire Kit with Case - 22AWG Wire	-	7.11

## ABS PROJECT BOXES

Twin Industries ABS Project boxes with custom-fit prototyping boards are sold together under a single part number, eliminating the need to find a compatible board and cut or shape the board to fit box dimensions. Mounting holes are provided to attach boards to lids. Uncommitted board area for mounting board edge connectors or components.

**Specifications:**

• Protoboard Material - FR4 laminate • Prototyping holes spaced on 0.1" x 0.1" grid  
 • Thickness of board - 0.062" • Mounting holes to attached board to box lid  
 • Box Material - ABS Plastic



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Twin Industries Part No.	Fig.	Description	Box Size	Board Type	Price Each	
						1	10
589-B10-7100	B10-7100	A	Box and Prototyping board	4.5 x 2.3 x 1.7"	Non-Plated	10.90	10.36
589-B10-8000	B10-8000	A	Box and Prototyping board	4.5 x 2.3 x 1.7"	Plated	12.40	11.78
589-B20-7100	B20-7100	A	Box and Prototyping board	5.3 x 2.9 x 1.9"	Non-Plated	14.75	14.01
589-B20-8000	B20-8000	A	Box and Prototyping board	5.3 x 2.9 x 1.9"	Plated	16.25	15.50
589-B30-7100	B30-7100	A	Box and Prototyping board	6.3 x 3.7 x 2.4"	Non-Plated	17.25	16.39
589-B30-8000	B30-8000	A	Box and Prototyping board	6.3 x 3.7 x 2.4"	Plated	18.75	17.82
589-B40-8000	B40-8000	A	Box and Prototyping board	7.7 x 4.3 x 2.9"	Non-Plated	22.75	22.06
589-B45-8000	B45-8000	A	Box and Prototyping board	7.7 x 4.3 x 1.4"	Non-Plated	21.50	20.42

## 6U VME64/X PROTOTYPING BOARD

Dedicated probing points for all connector pins

**Features:**

• Support for 160 pin DIN Connectors • Thickness - 0.062"  
 • Support for 2mm P0 Connector • Prototyping area with 0.1" x 0.1" grid of plated holes  
 • Board Dimensions: 6U x 160MM

For quantities greater than listed, call for quote.

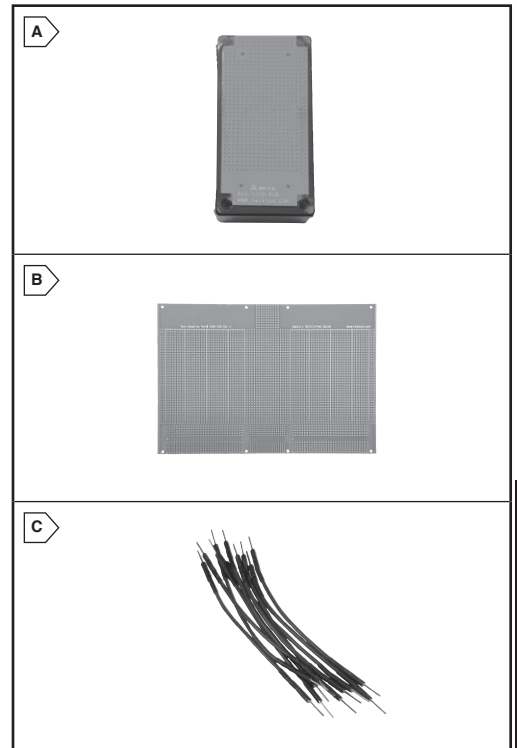
MOUSER STOCK NO.	Twin Industries Part No.	Fig.	Description	Price Each	
				1	10
589-8198-200	8198-200	B	6U VME64/x prototyping board	149.00	141.55

## MACHINE PIN JUMPER WIRES

24AWG Jumper wires with machine pin ends. Easy insertion/extraction for repeat usage and quick design changes. Ideal for use with solderless breadboards.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Twin Industries Part No.	Fig.	Description	Price Each	
				1	10
589-TW-MP-5	TW-MP-5	C	5cm - 10 wires per pack	7.18	6.82
589-TW-MP-10	TW-MP-10	C	10cm - 10 wires per pack	7.54	7.16
589-TW-MP-20	TW-MP-20	C	20cm - 10 wires per pack	7.90	7.50



Twin Industries

Prototyping

