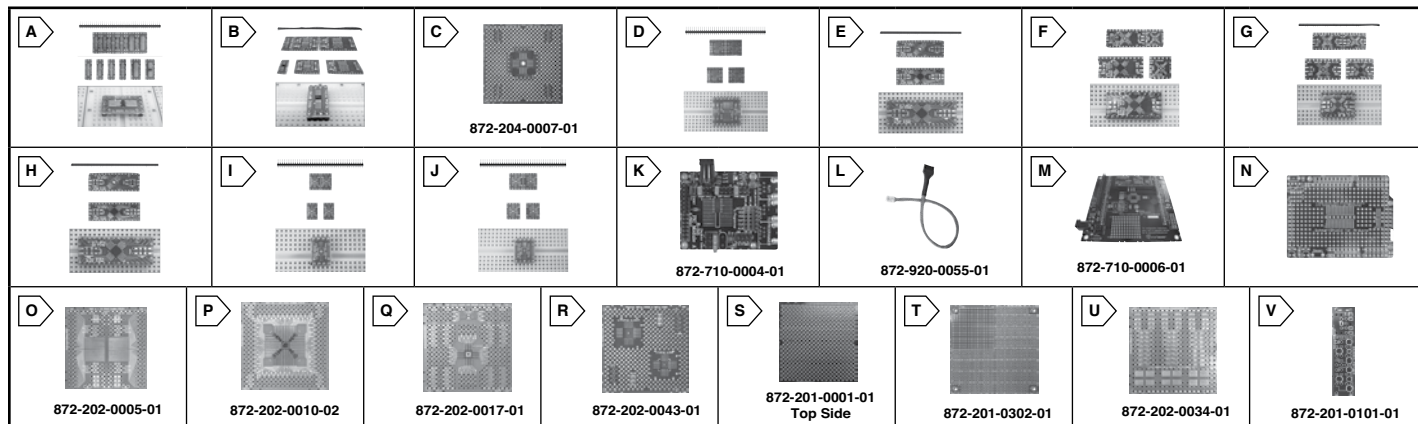


# SCHMARTBOARD Prototyping System



## SMT TO DIP ADAPTERS

MOUSER STOCK NO.	Schmartboard Part No.	Fig.	Description	Price Each	
				1	10
872-204-0003-01	204-0003-01	A	SOT 23 and SC70 SMT to DIP Adapter	6.00	5.70
872-204-0006-01	204-0006-01	B	0.65mm Pitch SOIC to DIP Adapter	6.00	5.70
872-204-0007-01	204-0007-01	C	0.5mm Pitch, SOIC to DIP Adapter	6.00	5.70
872-204-0013-01	204-0013-01	D	0.635mm Pitch SOIC to DIP adapter	6.00	5.70
872-204-0014-01	204-0014-01	E	0.5mm Pitch 48 Pin QFP/QFN Adapter	6.00	5.70
872-204-0015-01	204-0015-01	F	0.5mm Pitch, 12 and 24 Pin QFP and QFN Adapter	6.00	5.70
872-204-0016-01	204-0016-01	G	0.5mm Pitch, 16 and 20 Pin QFP and QFN Adapter	6.00	5.70
872-204-0017-01	204-0017-01	H	0.5mm Pitch, 32 Pin QFP and QFN Adapter	6.00	5.70
872-204-0021-01	204-0021-01	I	0.5mm Pitch 8 Pin DFN to DIP adapter	6.00	5.70
872-204-0022-01	204-0022-01	J	0.5mm Pitch 10 Pin DFN to DIP adapter	6.00	5.70
<b>10 Pack of Adapters</b>				<b>Price Per 10 Pack</b>	
872-914-0013-01	914-0013-01	D	0.635mm Pitch SOIC to DIP adapter, 10 pack for 204-0013-01	48.00	45.60
872-914-0015-01	914-0015-01	F	0.5mm Pitch, 12 and 24 Pin QFP and QFN Adapter, 10 pack for 204-0015-01	48.00	45.60
872-914-0016-01	914-0016-01	G	0.5mm Pitch, 16 and 20 Pin QFP and QFN Adapter, 10 pack for 204-0016-01	48.00	45.60
872-914-0017-01	914-0017-01	H	0.5mm Pitch, 32 Pin QFP and QFN Adapter, 10 pack for 204-0017-01	48.00	45.60
872-914-0021-01	914-0021-01	I	0.5mm Pitch 8 Pin DFN to DIP adapter, 10 pack for 204-0021-01	48.00	45.60
872-914-0022-01	914-0022-01	J	0.5mm Pitch 10 Pin DFN to DIP adapter, 10 pack for 204-0022-01	48.00	45.60

## 8 BIT PIC® MICROCONTROLLER DEVELOPMENT SCHMARTMODULE A

MOUSER STOCK NO.	Fig.	Type	Size/Pitch	Supported Components	Price Each	
					1	5
<b>SOIC Packages/8 Pin Devices</b>						
872-710-0004-01	K	8 Bit PIC Microcontroller	2" x 2.5"	8, 14, 18, 20 and 28 Pin PIC MCU	15.00	14.25
872-920-0055-01	L	10" PIC programming cable	10" length	8 Bit PIC accessory	5.00	4.75
<b>TI Schmartmodule</b>						
872-710-0006-01	M	QFP	4" x 4"/0.5mm	48 and 64 pin QFP chips from T.I.'s MSP430, C2000, and Stellaris Cortex M3	30.00	28.50

## Schmartmodule

MOUSER STOCK NO.	Schmartboard Part No.	Fig.	Description	Price Each	
				1	5
872-710-0001-01	710-0001-01	M	Populated RS-232 SCHMARTMODULE	15.00	14.25

## ARDUINO PROTOTYPING SHIELD

872-206-0004-02	206-0004-02	N	1.27mm Pitch SOIC SM Arduino board with comp.	15.00	14.25
872-206-0006-02	206-0006-02	N	0.65mm Pitch SOIC SM Arduino board with comp.	15.00	14.25
872-206-0007-02	206-0007-02	N	0.5mm Pitch SOIC SM Arduino board w/comp.	15.00	14.25

## PROTOTYPING BOARDS

MOUSER STOCK NO.	Fig.	Type	Size/Pitch	Supported Components	Price Each	
					1	5
<b>SO/SOP Packages</b>						
872-202-0004-01	O	SO, 4 - 56 pins, 2"x2" grid	1.27mm	SO package, 0603, Through-hole passives	9.99	9.49
872-202-0005-01	O	SOP, 4 - 72 pins, 2"x2" grid	0.8mm	SO, SOP, QSOP, SSOP, TSSOP and PSSOP packages, 0603, Through-hole passives	9.99	9.49
872-202-0006-01	O	SOP, 4 - 72 pins, 2"x2" grid	0.65mm	SO, SOP, QSOP, SSOP, TSSOP and PSSOP packages, 0603, Through-hole passives	9.99	9.49
872-202-0013-01	O	SOP, 4 - 72 pins, 2"x2" grid	0.635mm	SO, SOP, QSOP, SSOP, TSSOP and PSSOP pkgs, 0603, 0805, Through-hole passives	9.99	9.49
872-202-0007-01	O	SOP, 4 - 72 pins, 2"x2" grid	0.5mm	SO, SOP, QSOP, SSOP, TSSOP and PSSOP pkgs, 0603, 0805, Through-hole passives	9.99	9.49
872-202-0008-01	O	SOP, 4 - 72 pins, 2"x2" grid	0.4mm	SO, SOP, QSOP, SSOP, TSSOP and PSSOP pkgs, 0603, 0805, Through-hole passives	9.99	9.49
<b>QFP Packages</b>						
872-202-0009-02	P	QFP, 32 - 64 pins, 2"x2" grid	0.8mm	QFP, TQFP and PQFP packages, 0603, Through-hole passives	9.99	9.49
872-202-0010-02	P	QFP, 36 - 100 pins, 2"x2" grid	0.65mm	QFP, TQFP and PQFP packages, 0603, Through-hole passives	9.99	9.49
872-202-0011-01	P	QFP, 32 - 100 pins, 2"x2" grid	0.5mm	QFP, TQFP and PQFP packages, 0603, Through-hole passives	9.99	9.49
872-202-0014-01	P	QFP, 64 - 100 pins, 2"x2" grid	0.4mm	QFP, TQFP and PQFP packages, 0603, Through-hole passives	9.99	9.49
872-202-0032-01	P	QFP, 128 - 240 Pins, 4" x 4" Grid	0.8mm	QFP, TQFP and PQFP packages, 0603, Through-hole passives	19.99	18.99
<b>Chip Scale (QFN) Packages</b>						
872-202-0016-01	Q	12 to 24 pin, 2"x2" grid	0.5mm/0.65mm	QFN package, 0603, Through-hole passives	9.99	9.49
872-202-0017-01	Q	10 and 32 pin, 2"x2" grid	0.5mm	QFN package, 0603, Through-hole passives	9.99	9.49
872-202-0018-01	Q	8 and 48 pin, 2"x2" grid	0.5mm	QFN package, 0603, Through-hole passives	9.99	9.49
872-202-0020-01	Q	64 pin, 2"x2" grid	0.5mm	QFN package, 0603, Through-hole passives	9.99	9.49
872-202-0043-01	R	36 pin/32 pin, 2"x2" grid	.5mm/0.65mm	QFN package, 0603, Through-hole passives	9.99	9.49
872-202-0044-01	R	QFN 40 Pins	0.5mm	QFN package, 0603, Through-hole passives	9.99	9.49
872-202-0048-01	R	QFN 88 Pins	0.4mm	EZ, QFN EZ, QFN	9.99	9.49
<b>Through Hole</b>						
872-201-0001-01	S	0.1" Spacing with 0.05" offset, 2"x2" grid		100% of through hole components with 0.1" spacing pitch	5.00	4.75
872-201-0002-01	S	2mm Spacing with 1mm offset, 2"x2" grid		100% of through hole components with 1mm spacing pitch	5.00	4.75
872-201-0302-01	T	0.1" Spacing with 0.05" offset, 2"x2" grid		¾ of board with signature offset traced rows of holes, ¼ of board with untraced holes	15.00	14.25
<b>EZ Discrete</b>						
872-202-0034-01	U	EZ Discrete #1		0201, 0603, 0805, 1206, 1210, 1608, 1812, 2010, 2512, Case-A, B, C	9.99	9.49
872-202-0035-01	U	EZ Discrete #2		SOT23-3,5,6, SC70-5,6, DPAK, D2PAK, SOT223, TO263-7,SOT89,0805,1206,Case-A,B,C,D	9.99	9.49
<b>I/O and Power Boards (Through Hole)</b>						
872-201-0100-01	V	Power and ground strip 0.5"x2" grid		Connect the power source or ground	2.50	2.37
872-201-0102-01	V	ATX power connector 0.5"x2" grid		1 pc ATX 20 pin power connector	2.50	2.37
872-201-0104-01	V	D-Sub connector 0.5"x2" grid		D-sub connector from 9 to 25 pins	2.50	2.37
872-201-0105-01	V	JTAG and IEEE1394 Connector 0.5"x2" grid		One 20 pin JTAG connector and 1 IEEE1394 connector	2.50	2.37
872-201-0108-01	V	RJ11/45 and USB connector 0.5"x2" grid		One RJ11 or one RJ45 connector and 1 USB type B connector	2.50	2.37

Schmartboard Prototyping

