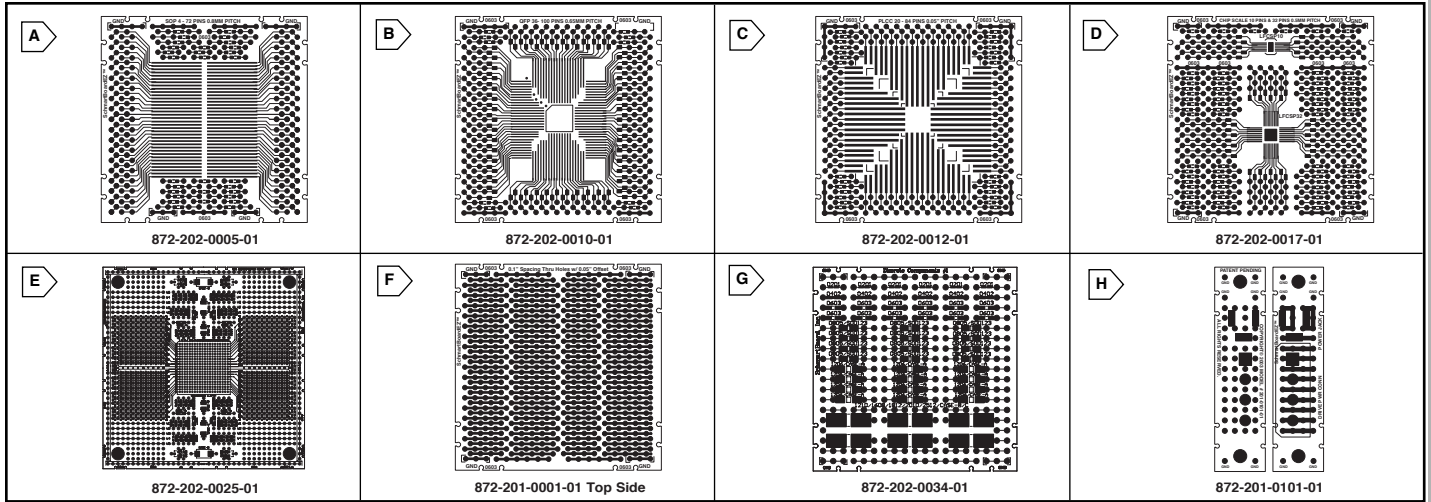


# SCHMARTBOARD Prototyping System



NEW SUPPLIER  
NEW SUPPLIER  
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NEW SUPPLIER  
Schmartboard  
Prototyping



## PROTOTYPING BOARDS



For quantities of 20 and up, call for quote.

| MOUSER STOCK NO.                           | Fig. | Type  | Pitch        | Supported Components   | Price Each |       |
|--|------|---|--------------|--|------------|-------|
|  |      |   |              |  | 1          | 5     |
| <b>SO/SOP Packages</b>                     |      |   |              |  |            |       |
| 872-202-0004-01                            | A    | SO, 4 - 56 pins, 2"x2" grid                 | 1.27mm       | SO pkg, 0603, Through-hole passives  | 9.99       | 9.49  |
| 872-202-0005-01                            | A    | SOP, 4 - 72 pins, 2"x2" grid                | 0.8mm        | SO, SOP, QSOP, SSOP, TSSOP & PSSOP pkgs, 0603, Through-hole passives               | 9.99       | 9.49  |
| 872-202-0006-01                            | A    | SOP, 4 - 72 pins, 2"x2" grid                | 0.65mm       | SO, SOP, QSOP, SSOP, TSSOP & PSSOP pkgs, 0603, Through-hole passives               | 9.99       | 9.49  |
| 872-202-0013-01                            | A    | SOP, 4 - 72 pins, 2"x2" grid                | 0.635mm      | SO, SOP, QSOP, SSOP, TSSOP & PSSOP pkgs, 0603, 0805, Through-hole passives         | 9.99       | 9.49  |
| 872-202-0007-01                            | A    | SOP, 4 - 72 pins, 2"x2" grid                | 0.5mm        | SO, SOP, QSOP, SSOP, TSSOP & PSSOP pkgs, 0603, 0805, Through-hole passives         | 9.99       | 9.49  |
| 872-202-0008-01                            | A    | SOP, 4 - 72 pins, 2"x2" grid                | 0.4mm        | SO, SOP, QSOP, SSOP, TSSOP & PSSOP pkgs, 0603, 0805, Through-hole passives         | 9.99       | 9.49  |
| <b>QFP Packages</b>                        |      |   |              |  |            |       |
| 872-202-0009-02                            | B    | QFP, 32 - 64 pins, 2"x2" grid               | 0.8mm        | QFP, TQFP & PQFP pkgs, 0603, Through-hole passives                                 | 9.99       | 9.49  |
| 872-202-0010-02                            | B    | QFP, 36 - 100 pins, 2"x2" grid              | 0.65mm       | QFP, TQFP & PQFP pkgs, 0603, Through-hole passives                                 | 9.99       | 9.49  |
| 872-202-0011-01                            | B    | QFP, 32 - 100 pins, 2"x2" grid              | 0.5mm        | QFP, TQFP & PQFP pkgs, 0603, Through-hole passives                                 | 9.99       | 9.49  |
| 872-202-0014-01                            | B    | QFP, 64 - 100 pins, 2"x2" grid              | 0.4mm        | QFP, TQFP & PQFP pkgs, 0603, Through-hole passives                                 | 9.99       | 9.49  |
| 872-202-0030-01                            | B    | QFP, 120 - 144 Pins, 4" X 4" Grid           | 0.8mm        | QFP, TQFP & PQFP pkgs, 0603, Through-hole passives                                 | 19.99      | 18.99 |
| 872-202-0031-01                            | B    | QFP, 112 - 160 Pins, 4" X 4" Grid           | 0.65mm       | QFP, TQFP & PQFP pkgs, 0603, Through-hole passives                                 | 19.99      | 18.99 |
| 872-202-0032-01                            | B    | QFP, 128 - 240 Pins, 4" X 4" Grid           | 0.8mm        | QFP, TQFP & PQFP pkgs, 0603, Through-hole passives                                 | 19.99      | 18.99 |
| <b>PLCC Package</b>                        |      |   |              |  |            |       |
| 872-202-0012-01                            | C    | PLCC, 20 - 84 pins, 2"x2" grid              | 1.27mm       | PLCC pkg, 0603, Through-hole passives  | 9.99       | 9.49  |
| <b>Chip Scale (QFN) Packages</b>           |      |   |              |  |            |       |
| 872-202-0016-01                            | D    | 12 to 24 pin, 2"x2" grid                    | 0.5mm 0.65mm | QFN pkg, 0603, Through-hole passives   | 9.99       | 9.49  |
| 872-202-0017-01                            | D    | 10 and 32 pin, 2"x2" grid                   | 0.5mm        | QFN pkg, 0603, Through-hole passives   | 9.99       | 9.49  |
| 872-202-0018-01                            | D    | 8 and 48 pin, 2"x2" grid                    | 0.5mm        | QFN pkg, 0603, Through-hole passives   | 9.99       | 9.49  |
| 872-202-0019-01                            | D    | 56 pin, 2"x2" grid                          | 0.5mm        | QFN pkg, 0603, Through-hole passives   | 9.99       | 9.49  |
| 872-202-0020-01                            | D    | 64 pin, 2"x2" grid                          | 0.5mm        | QFN pkg, 0603, Through-hole passives   | 9.99       | 9.49  |
| <b>BGA Packages</b>                        |      |   |              |  |            |       |
| 872-202-0025-01                            | E    | 400 pin, 4"x4" grid                         | 1.27mm       | BGA pkg, SOT23, 0603, 0805, 1206, Case-A, B, C, D, Through-hole passives           | 45.99      | 43.69 |
| 872-202-0026-01                            | E    | 400 pin, 4"x4" grid                         | 1.0mm        | BGA pkg, SOT23, 0603, 0805, 1206, Case-A, B, C, D, Through-hole passives           | 45.99      | 43.69 |
| 872-202-0027-01                            | E    | 400 pin, 4"x4" grid                         | 0.8mm        | BGA pkg, SOT23, 0603, 0805, 1206, Case-A, B, C, D, Through-hole passives           | 45.99      | 43.69 |
| <b>Through Hole</b>                        |      |   |              |  |            |       |
| 872-201-0001-01                            | F    | 0.1" Spacing with 0.05" offset, 2"x2" grid  |              | 100% of through hole components with 0.1" spacing pitch                            | 5.00       | 4.75  |
| 872-201-0301-01                            | F    | 0.1" Spacing with 0.05" offset, 8"x8" grid  |              | 100% of through hole components with 0.1" spacing pitch                            | 50.00      | 47.50 |
| 872-201-0002-01                            | F    | 2mm Spacing with 1mm offset, 2"x2" grid     |              | 100% of through hole components with 1mm spacing pitch                             | 5.00       | 4.75  |
| <b>EZ Discrete</b>                         |      |   |              |  |            |       |
| 872-202-0034-01                            | G    | EZ Discrete #1                              |              | 0201, 0603, 0805, 1206, 1210, 1608, 1812, 2010, 2512, Case-A, B, C                 | 9.99       | 9.49  |
| 872-202-0035-01                            | G    | 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                            | H    | Power and ground strip 0.5"x2" grid         |              | Connect the power source or ground   | 2.50       | 2.37  |
| 872-201-0101-01                            | H    | Power connector and power jack 0.5"x2" grid |              | 1 pc drive power connector   | 2.50       | 2.37  |
| 872-201-0102-01                            | H    | ATX power connector 0.5"x2" grid            |              | 1 pc ATX 20 pin power connector  | 2.50       | 2.37  |
| 872-201-0103-01                            | H    | Audio/RCA jack 0.5"x2" grid                 |              | 2 RCA jacks and one 3.5mm phone jack   | 2.50       | 2.37  |
| 872-201-0104-01                            | H    | D-Sub connector 0.5"x2" grid                |              | D-sub connector from 9 to 25 pins  | 2.50       | 2.37  |
| 872-201-0105-01                            | H    | JTAG and IEEE1394 Connector 0.5"x2" grid    |              | One 20 pin JTAG connector and 1 IEEE1394 connector                                 | 2.50       | 2.37  |
| 872-201-0106-01                            | H    | RGB connector 0.5"x2" grid                  |              | One 15 pin RGB connector   | 2.50       | 2.37  |
| 872-201-0107-01                            | H    | Switches 0.5"x2" grid                       |              | 4 different types of switches  | 2.50       | 2.37  |
| 872-201-0108-01                            | H    | 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  |

## ACCESSORIES

| MOUSER STOCK NO. | Fig. | Description  | Price Each |       |
|------------------|------|--|------------|-------|
|                  |      |  | 1          | 5     |
| 872-920-0003-01  | --   | Schmartbridges 20 pieces - To connect Schmartboards together | 5.00       | 4.75  |
| 872-920-0005-01  | --   | 3" Red Female Jumpers, 10 pieces with 20 headers             | 5.00       | 4.75  |
| 872-920-0006-01  | --   | 5" Yellow Female Jumpers, 10 pieces with 20 headers          | 5.00       | 4.75  |
| 872-920-0007-01  | --   | 7" Blue Female Jumpers, 10 pieces with 20 headers            | 5.00       | 4.75  |
| 872-920-0008-01  | --   | 3" Red Female Jumpers, 100 pieces                            | 38.00      | 36.10 |
| 872-920-0009-01  | --   | 5" Yellow Female Jumpers, 100 pieces                         | 38.00      | 36.10 |
| 872-920-0010-01  | --   | 7" Blue Female Jumpers, 100 pieces                           | 38.00      | 36.10 |