

Multi-Footprint Mini Boards Lab Board LB2223B

INSTRUCTIONS

Each of the pin landing pads is connected to an edge pad to simplify wiring surface mount packages into other circuits. Additionally a center trace with pads at each end (and a center pad on the two boards on the right) is included for use as a ground trace.

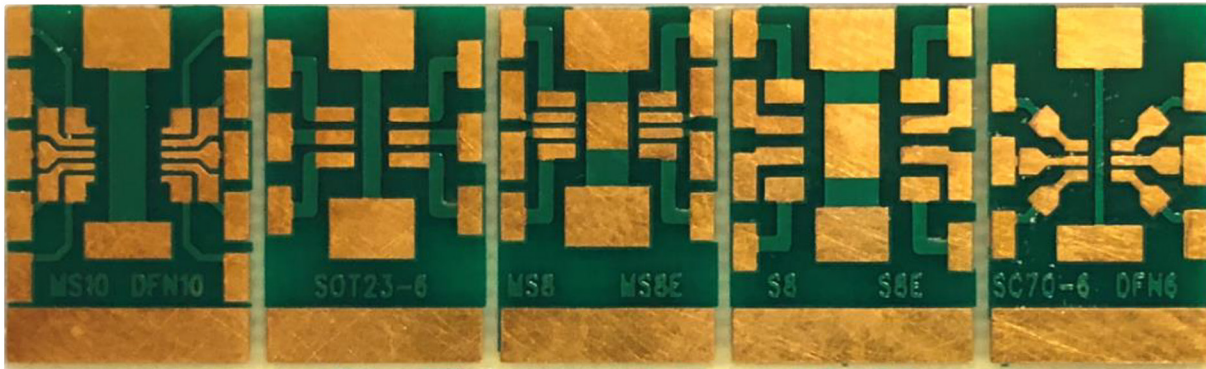
Recommended use:

1. Apply a thin layer of solder to one of the corner pin landing pads (or the center pad, if using an exposed pad package, e.g. MSOP-8E, SOIC-8E, DFN-8).
2. Place the IC on the board, aligning the pins with the landing pads.
3. Place the tip of the soldering iron on top of the pin until the solder underneath melts and a connection is formed to the pad. Or, if using the center pad, heat that pad instead by placing one or two soldering irons on the connected center trace pads.
4. Solder the remaining pins.
5. Chip capacitors can be placed and soldered from a corner pad to a center trace ground pad.
6. Solder wires to the edge pads as needed to wire this lab board into a larger design. Double-sided tape can be used to secure the lab board to a larger board.

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BOARD PHOTO

Lab Board LB2223B Is Designed to Support Prototyping with the Following Packages:



MSOP-10
3x3 DFN-10

SOT-23-3
SOT-23-5
SOT-23-6

MSOP-8
MSOP-8E
3x3 DFN-8
SOT-23-8

SOIC-8
SOIC-8E

SC70-5
SC70-6



ESD Caution

ESD (electrostatic discharge) sensitive device. Charged devices and circuit boards can discharge without detection. Although this product features patented or proprietary protection circuitry, damage may occur on devices subjected to high energy ESD. Therefore, proper ESD precautions should be taken to avoid performance degradation or loss of functionality.

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