



Product Summary:

The SMT-200 is a Surface Mount Prototyping board designed for general surface mount prototyping. It features a separated plane structure on the bottom side to ease wiring for prototype circuits.

Description:

The SMT-200 provides a prototyping solution aimed at easing the wiring task that is often so time consuming during the prototyping process. A standard 0.5 mm Pitch grid is supplied on the top surface of the board for component mounting. Regularly spaced vias provide convenient connection to power and ground plane areas on the bottom side of the board. Since the majority of connections on a typical circuit go to power or ground, having common connection points available at various places on the board allows for considerably simplified wiring translating to shorter development time. This powerful combination makes both wiring and placement much easier!

The bottom side has multiple conveniently placed regions that can easily be connected together to form regions of common connections (power planes) by simply bridging the areas between plane pads with solder and bridging the via you are using to the plane. Multiple planes can be created (not just power and ground) for multi-supply systems or one can mount power components that require some heat sinking on the bottom side and connect as much copper (plane pads) as are necessary.

Features:

Convenient size for larger or smaller circuit development

Fine pitches accommodated down to 0.5 mm

Integrated power plane structures ease placement and wiring

Allows entire design to be done in surface mount on one board independent of package types

No need for adaptor boards from surface mount to through hole

Power component accommodation on bottom side of board

Specifications:**Dimensions:**

3" X 2"

Grid Top:

0.5 mm

Grid Bottom:28 power plane pads
with Connecting visa**Material:**

FR-4

Finish:

HASL

(Hot air solder leveled)

Pad Shape:

Rectangular

Ordering Information:**Part Number**

SMT-200

LIMITED WARRANTY

THESE PRODUCTS ARE WARRANTED TO THE ORIGINAL PURCHASER AGAINST DEFECTS IN MATERIALS AND MANUFACTURE FOR A PERIOD OF ONE YEAR FROM THE DATE OF ORIGINAL PURCHASE. THIS WARRANTY DOES NOT COVER DAMAGE DUE TO ACCIDENTS OR ANY OTHER DAMAGE CAUSED BY NEGLIGENCE, MISUSE OR ABUSE. OUR ENTIRE LIABILITY AND PURCHASER'S SOLE AND EXCLUSIVE REMEDY FOR ANY BREACH OF THE FORGOING LIMITED WARRANTY WILL BE, AT OUR OPTION, REPLACEMENT OF THE PRODUCT, REFUND OF THE PURCHASE PRICE OR REPAIR OR REPLACEMENT IF THE PRODUCT WHICH IS RETURNED TO US WITH A COPY OF THE RECEIPT. IN NO EVENT WILL WE, OR ANY OF OUR DIRECTORS, OFFICERS, EMPLOYEES BE LIABLE TO THE PURCHASER FOR ANY CONSEQUENTIAL, INCIDENTAL, DIRECT OR INDIRECT OR SPECIAL DAMAGES WHATSOEVER. THIS LIMITED WARRANTY IS THE ONLY WARRANTY PROVIDED BY US AND WE EXPRESSLY DISCLAIM ALL OTHER WARRANTIES, CONDITIONS OR OTHER TERMS, EITHER EXPRESS OR IMPLIED (WHETHER COLLATERALLY, BY STATUTE OR OTHERWISE), INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES, CONDITIONS OF OTHER TERMS OF MERCHANTABILITY, SATISFACTORY QUALITY AND/OR FITNESS FOR A PARTICULAR PURPOSE WITH REGARD TO THE PRODUCT.

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