# **SURFBOARDS** ®



THE BREADBOARDING MEDIUM FOR SURFACE MOUNT TAM

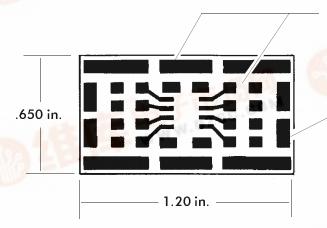
## 9000 SERIES FOR I.C.s.

IDS9081A 3-9-99

MODEL

ACCEPTS 8-PIN S.O.I.C.

### FOR GENERAL PURPOSE PROTOTYPE AND DEVELOPMENT



Pad sets accept 1206, Mini-Melf deices. Peripheral pads provide additional breadboarding area.



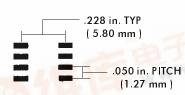


0805, 1206

#### FOIL MODIFICATIONS EXPAND VERSATILITY

Typical of many Surfboards are large pad areas which which may be modified to create additional part mounting zones or expand layout or connection options.

- 1: Score foil with sharp razor to define new zone.
- 2: Apply heat with iron to delaminate foil section.
- 3: New mounting zone has been created.
- Solder component to new mounting zone.



I.C. Footprint accepts industry standard S.O.I.C. packages

Use the model 9081 to build a variety a simple circuits or sub-assemblies based on the popular and widely available 8-PIN S.O.I.C. package. Peripheral pad and land areas accept 1206, mini-melf, and A-Tantalum packages. Modify board (see foil modifications) to add additional components or re-configure layout. Glue or attach assembly to ground plane or larger board for enhanced R.F. characteristics.









OTHER SURFBOARD MODELS FOR USE WITH 8 - 14 - 16 PIN SOICs 9082, 9161, 9162 9163, 9164 and 9165

#### BOARD SPECIFICATIONS

BOARD MATERIAL: .031+-.005 In. Thick G-10 FR-4 Glass Epoxy or equivalent. CIRCUITS:

TOLERANCES:

loz Copper with solder coated pads. Given in inches

Board Size +- .020 / OAL+-.040 Circuit pattern/position +- 005

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