SURFBOARDS ®

CAPITAL ADVANCED TECHNOLOGIES INC. ™

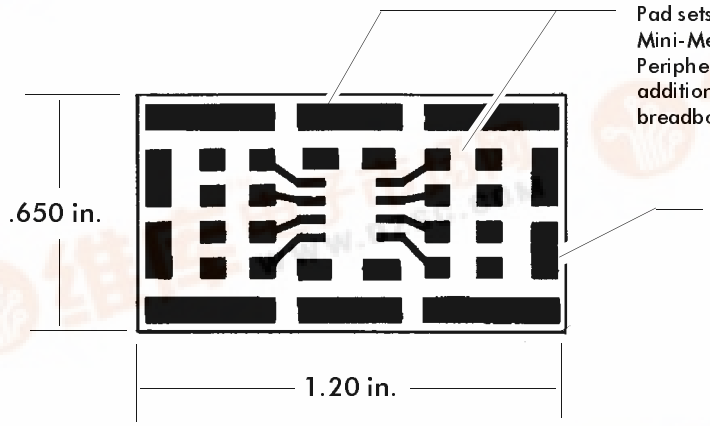
THE BREADBOARDING MEDIUM FOR ***SURFACE MOUNT*** ™

9000 SERIES FOR I.C.s

IDS9081A 3-9-99

MODEL 9081 ACCEPTS 8-PIN S.O.I.C.

FOR GENERAL PURPOSE PROTOTYPE AND DEVELOPMENT



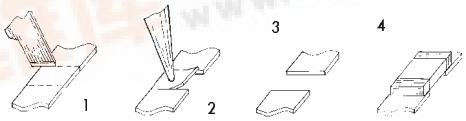
Pad sets accept 1206, Mini-Melf deices. Peripheral pads provide additional breadboarding area.

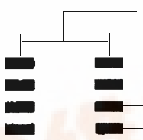
0805, 1206 STRADDLE

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.
4: 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
SEE
9082, 9161, 9162
9163, 9164 and 9165

BOARD SPECIFICATIONS

BOARD MATERIAL: .031+-.005 In. Thick G-10 FR-4 Glass Epoxy or equivalent.
CIRCUITS: 1oz Copper with solder coated pads.
TOLERANCES: Given in inches
Board Size +- .020 / OAL+-.040
Circuit pattern/position +-.005

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