**SOT-23 Trimmers 0805, 0603, 1206**

**SURFBOARDS**

“pin-out. Most SURFBOARD® models feature SIP (single in line) pins that include a prototyping area for additional components or provide a direct pin-out. Most SURFBOARD® models feature SIP (single in line) pins that make prototyping and interfacing with other circuits easy.”

**Specifications**
- Material: G-10 FR 4 fiberglass laminate, 1oz. Cu. 0.002” (.051mm), Thickness ±0.005” (±.13mm)
- Finish: Level 60/40 Solder alloy ±0.001” (.01mm) Solder alloy ±0.001” (.01mm)
- S.J. Pins: On applicable models, Soldered on 100” (2.54mm) centers. SURFBOARDS® can be hand-soldered and are compatible with most industrial soldering processes. (Suggested soldering and assembly guidelines included.)

**The Universal Circuit Patterns allow for the mounting of 0603, 0805, 1206 and mini-mill packages as well as a wide variety of 3 terminal devices.**

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**6000 Series for Discrete Devices — .1” (2.54mm) Pin Spacing**

**SURFBOARDS® for Discrete Components**

- For building:
  - Resistor Networks
  - Capacitor Networks
  - R C Networks
  - Diode Arrays
  - Transistor Arrays
  - SMD Sub-Assemblies

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**9000 Series for ICs**

Build prototypes, evaluate ICs easily, build circuit upgrades, and adapt SMD to thru-hole applications.

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**Application-Specific Adapters**

- Accept wide range of surface mount discrete semiconductors and ICs
- Provide convenient medium for prototyping, test, and development

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**SURFBOARDS® by**

The 33000 Series of SURFBOARDS® are application-specific adapters that convert surface mount component footprints to Single-In-Line (SIP) format. The boards feature pre-installed pins on 100” (.254mm) centers making them compatible with conventional breadboards, solderless breadboards, and sockets. The SIP format provides area of signal probing as well as higher densities when prototyping. Models are available to accept a wide range of surface mount semiconductors and integrated circuits.

Models 33113 and 33623 feature two SIP pins for each pad for higher current applications. Model 33213 features large soldering pads as connection points and SIP pins for measuring purposes. Boards are 0.31” (.79mm) ±.13mm thick FR-4 and feature solder-coated 1-oz. Circuit Foils that can be hand-soldered or soldered by most conventional processes. SIP pins are soldered in place on .100” (.254mm) centers. All boards feature solder mask to limit flow of solder to pad area and aid assembly. Just add parts and plug in.

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**Dimensions — Inch (mm)**

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**Applications**

- SC-70-3, SO-T2-323, NEC Pkg-32
- SC-70-6, SO-T2-633
- SuperSOT-8™ (Fairchild), Micromax-10 (Maxim)
- SoT-89-5
- 8 Pin SOIC
- 5-Lead Dip Pkg., Surface Mount Device
- 7-Lead Dip Pkg., Surface Mount Device
- 8 Pin DIP
- 9 Pin DIP
- 9 Pin SOIC
- 32 pcs total (5 each of 9081, 9082, 9164, 9165, 9210, 9301, 9302, MK-6000CA-ND

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