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SURFBOARDS®

THE BREADBOARDING MEDIUM FOR **SURFACE MOUNT™**



33000 SERIES APPLICATION SPECIFIC ADAPTERS

IDS33310
REV A-10-2011

MODEL **33310**

10 LEAD .5 mm PITCH DEVICES

DEVICE LEAD WIDTH 1.5 To Max 2.5 MM

ACCEPTS

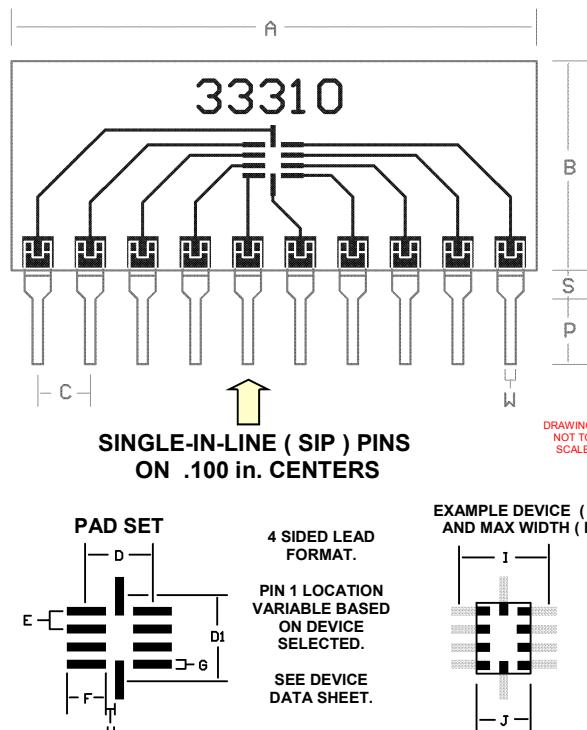
PARTIAL LISTING

FAIRCHILD

10LD, MICROPACK 1.6MM

TEXAS INST.

**RSE (S-PQFP-N10)
RUG (S-PQFP-N10)**



MOUNTING PADS ARE OVERSIZED IN LENGTH TO ACCEPT A WIDER RANGE OF DEVICE WIDTHS AND TOLERANCES AND TO PERMIT HAND SOLDERING.
SEE WEBSITE FOR SOLDERING SUGGESTIONS

BOARD SPECIFICATIONS

BOARD MATERIAL: .8mm, +-.13mm .031in+-.005 in.
Thick G-10 FR-4 Glass Epoxy or equivalent.

CIRCUITS: 1 oz. Copper with RoHS compliant Lead Free solder coating. Patten Position on board +-.5mm .020in.



RoHS
Compliant
EC 2002/95

ALWAYS CONSULT DEVICE DATA SHEET TO INSURE PROPER FIT

Feature Pins on .1 in. Centers designed for use with Solderless breadboards, Conventional Breadboards, and Sockets with standard .1 in. centers.

Use For Prototyping, Device Test or Evaluation and SMD to Through Hole Conversion.

**JUST ADD PARTS
AND
PLUG-IN™**

| FIG. | MM | IN. | NOTE: |
|------|-------|------|-------------------------------------|
| A | 25.4 | 1.0 | BOARD WIDTH +-.5mm .020in. |
| B | 10.16 | .400 | BOARD HEIGHT +-.5mm .020in. |
| C | 2.54 | .100 | SIP PIN SPACE +-.20mm .008in. |
| D | 1.85 | .073 | PAD CENTERLINE |
| D1 | 2.35 | .093 | PAD CENTERLINE OTHER AXIS |
| E | .5 | .020 | DEVICE LEAD PITCH |
| F | 1.1 | .043 | PAD LENGTH |
| G | .25 | .010 | PAD WIDTH |
| H | .25 | .010 | GAP |
| I | 2.5 | .098 | MAX LEAD WIDTH |
| J | 1.5 | .059 | TYPICAL LEAD WIDTH |
| P | 3.3 | .130 | LENGTH FROM SHOULDER +-.5mm .020in. |
| S | 1.57 | .062 | PIN SHOULDER HEIGHT |
| W | .5 | .020 | PIN WIDTH |

TOLERANCES: If not noted are +-.20%. Nominal values are given. Controlling unit is Millimeters. Values rounded to nearest decimal. Slight Variations due to manufacturing process can occur.

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