

# SURFBOARDS®

THE BREADBOARDING MEDIUM FOR **SURFACE MOUNT™**



## 33000 SERIES APPLICATION SPECIFIC ADAPTERS

IDS33110  
REV A-10-2011

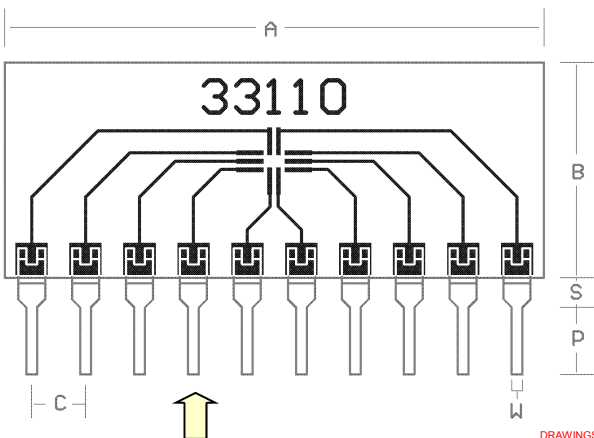
MODEL **33110**

10 LEAD .4 mm PITCH  
4 SIDED DEVICES

### ACCEPTS

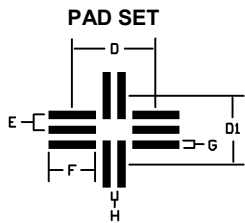
- ANALOG **LFCSP\_UQ 1.3x1.6MM (CP-10-10)**
- FAIRCHILD **10LD UMLP, QUAD 1.4x1.8MM**
- ON SEMI **UQFN10 1.4x1.8,0.4P**  
**WQFN10 1.4x1.8,0.4P**
- TEXAS INST. **RSW (PUQFN-N10)**

### PARTIAL LISTING



SINGLE-IN-LINE (SIP) PINS  
ON .100 in. CENTERS

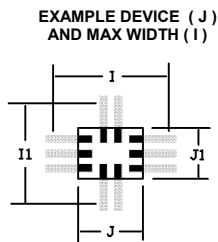
DRAWINGS  
NOT TO  
SCALE



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

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	2.3	.090	PAD CENTERLINE
D1	1.88	.074	PAD CENTERLINE OTHER AXIS
E	.4	.016	DEVICE LEAD PITCH
F	1.3	.051	PAD LENGTH
G	.225	.009	PAD WIDTH
H	.175	.007	GAP
I	3.15	.124	MAX LEAD WIDTH
I1	2.75	.108	MAX LEAD WIDTH OTHER AXIS
J	1.8	.070	TYPICAL LEAD WIDTH
J1	1.4	.055	TYPICAL LEAD WIDTH OTHER AXIS
P	3.3	.130	LENGTH FROM SHOULDER +-.5mm .020in.
S	1.57	.062	PIN SHOULDER HEGHT
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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