

SURFBOARDS®

THE BREADBOARDING MEDIUM FOR **SURFACE MOUNT™**



33000 SERIES APPLICATION SPECIFIC ADAPTERS

IDS33708
REV A-10-2011

MODEL **33708**

ACCEPTS

8 LEAD 1.53 mm PITCH DEVICES
DEVICE LEAD WIDTH 7.0, To Max 10.0 MM

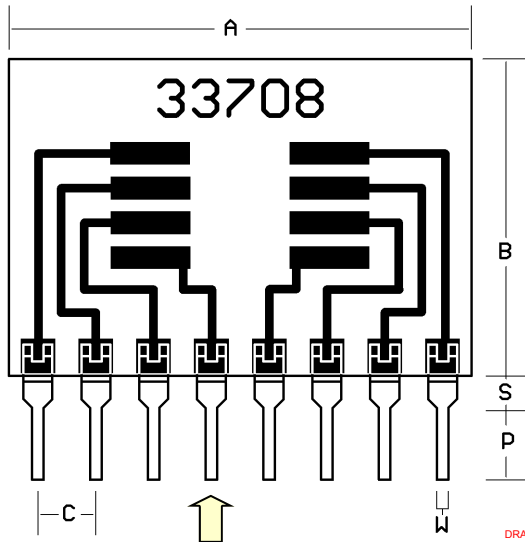
PARTIAL LISTING

SM-8, SOT-228

ALWAYS CONSULT DEVICE DATA SHEET TO INSURE PROPER FIT

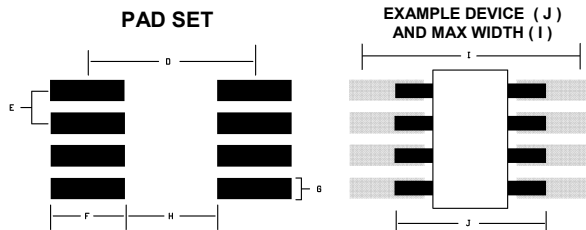
Feature Pins on .1 in. Centers designed for use with Solderless breadboards, Conventional Breadboards, and Sockets with standard .1 in. centers.

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



DRAWINGS NOT TO SCALE

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



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.



JUST ADD PARTS AND PLUG-IN™

| FIG. | MM | IN. | NOTE: |
|------|-------|------|---------------------------------------|
| A | 20.32 | .800 | BOARD WIDTH +/- .5mm .020in. |
| B | 13.97 | .550 | BOARD HEIGHT +/- .5mm .020in. |
| C | 2.54 | .100 | SIP PIN SPACE +/- .20mm .008in. |
| D | 7.9 | .311 | PAD CENTERLINE |
| E | 1.53 | .060 | DEVICE LEAD PITCH |
| F | 3.5 | .138 | PAD LENGTH |
| G | 1.0 | .039 | PAD WIDTH |
| H | 4.4 | .173 | GAP |
| I | 10.2 | .401 | MAX LEAD WIDTH |
| J | 7.0 | .276 | 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.

Copyright 2011 by Capital Advanced Technologies, Inc. All rights reserved. Surfboards is a registered trademark of Capital Advanced Technologies, Inc. The Breadboarding medium for surface mount, Just add parts and plug-in, and the Leaf Circuit Logo are trademarks of Capital Advanced Technologies, Inc. All other trademarks are the property of their respective owners. Specifications, availability, and price is subject to change without notice. All information given is believed to be accurate but is not guaranteed. The user of information given or products represented by such information is responsible for determining the suitability of said information or products for a given purpose. No inducement is intended or permission granted for infringement of any patent or unauthorized use of any intellectual property of Capital Advanced Technologies or others.

CAPITAL ADVANCED TECHNOLOGIES, INC.

CAROL STREAM, ILLINOIS, USA PHONE 630-690-1696 FAX 630-690-2498

WWW.CapitalAdanced.Com

MADE IN USA