

PWM Amplifier Support Components

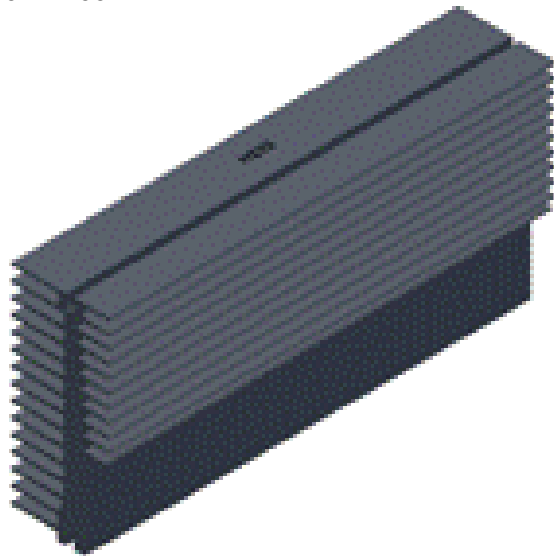
EVALUATION KIT

EK22 is an easy to use engineering platform for prototype evaluation. The PC board is also a good starting point for an application specific layout. Provided items include: PC board, heatsink rated at 1.33°C/W, a socket and thermal washers. **The amplifier is sold separately.** Common hardware such as screws, nuts and user's preference for I/O connectors are not provided.

HEATSINKS

The following heatsinks are mechanically compatible with this amplifier. Thermal ratings are for optimum mounting in free air.

HS32 1.33°C/W



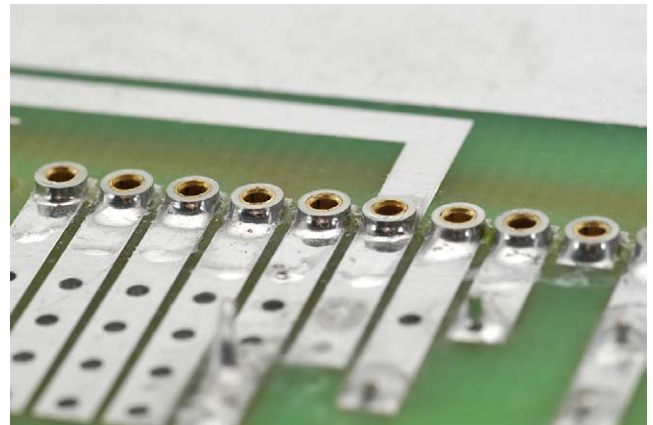
CLAMP05



SOCKET STRIP

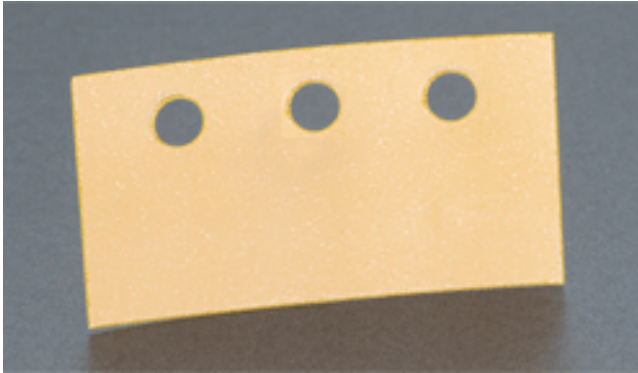
MS11

Part number MS11 consists of a carrier strip of 30 cage jacks. The strip can easily be cut to any desired number of cage jacks. These are mounted directly in a print circuit board. After soldering, the carrier is pulled off the cage jacks. Use a spacer between the PCB and the heatsink to avoid short circuits.



THERMAL WASHER

TW12



NOTES:

1. Base material is aluminum, 0.002" thick. Do not allow the washer to touch pins of the amplifier.
2. For optimum thermal transfer, avoid abrasive handling of washers which can damage their 0.5mil thick layer of thermal compound with which each side is coated.
3. The dry thermal compound will flow filling header to heatsink voids as soon as the material reached 60°C.
4. Do not store unused thermal washers above 40°C.
5. A new washer must be used for each mounting.
6. Part number TW12 consists of a package of 15 washers.
7. Thermal resistance is 0.2°C/W.

CONTACTING CIRRUS LOGIC SUPPORT

For all Apex Precision Power product questions and inquiries, call toll free 800-546-2739 in North America.

For inquiries via email, please contact tucson.support@cirrus.com.

International customers can also request support by contacting their local Cirrus Logic Sales Representative.

To find the one nearest to you, go to www.cirrus.com

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