P/N 1110087
144-Pin VQFP-to-PGA Adapter

FEATURES
• Convert surface-mount VQFP packages to a 13 x 13 PGA footprint.
• Reduce costs by using less-expensive QFP packages to replace PGA footprints in existing designs.
• Pins are mechanically fastened and soldered to board using Aries’ patented process, creating a reliable electrical connection and rugged contact.
• Consult factory for Panelized Form or for mounting of consigned chips.

GENERAL SPECIFICATIONS
• ADAPTER BODY: FR-4 with 1-oz. Cu traces
• PADS: ENIG (Au over Ni) plated to eliminate coplanarity concerns
• PINS: Brass 360 1/2-hard per UNS C36000, ASTM B16/B16M
• PIN PLATING: 200µ [5.08µ] Sn/Pb 93/7 per ASTM B579-73 over 100µ [2.54µ] Ni per SAE-AMS-QQ-N-290
• OPERATING TEMPERATURE: 221°F [105°C]

MOUNTING CONSIDERATIONS
• Suggested PCB Hole Size: 0.028 ±0.003 [0.71 ±0.08] dia.
• Will plug into Standard PGA Sockets.

CUSTOMIZATION: In addition to the standard products shown on this page, Aries specializes in custom design and production. Special materials, platings, sizes, and configurations can be furnished, depending on the quantity. NOTE: Aries reserves the right to change product general specifications without notice.

ORDERING INFORMATION
P/N 1110087
P/N 1110087-P for Panelized Form