



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# Part No. 96-080M80 - QFP to PGA Adapter for EIAJ 80 Position, .0315 [.80] Pitch

## FEATURES:

- Convert surface mount QFP 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.

## SPECIFICATIONS:

- Adapter body is black FR-4 with 1 ounce minimum Copper traces.
- Pads are bare Copper protected with Entek® by Enthone or immersion white tin to eliminate coplanarity concerns and solder bridges associated with hot air solder leveling.
- Pins are Brass Alloy 360 1/2 hard per UNS C36000 ASTM-B16-85.
- Pin plating is 200µ [5.08µm] min. 93/7 Tin/Lead per MIL-P-81728 over 100µ [2.54µm] min. Nickel per QQ-N-290.
- Operating temperature=221°F [105°C].

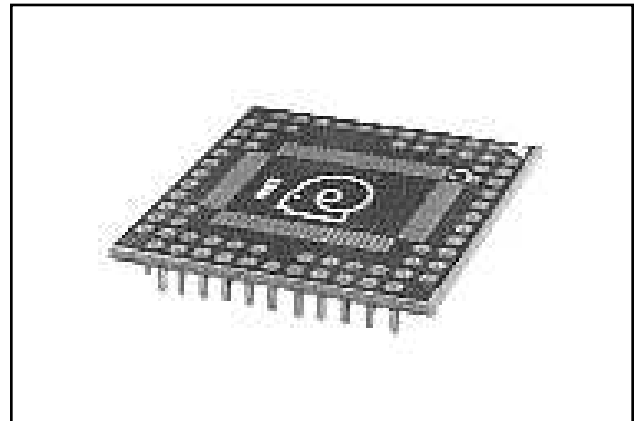
## MOUNTING CONSIDERATIONS:

- Suggested PCB hole size=.028 ± .003 [.71 ± .08] dia.
- Will plug into standard PGA sockets.

**ALL DIMENSIONS: INCHES [MILLIMETERS]**

### Tolerances:

- Row-to-row: ± .003 [± .08]
- Pin-to-pin: ± .003 [± .08] non-cumulative
- All others: ± .005 [.13] unless otherwise specified



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

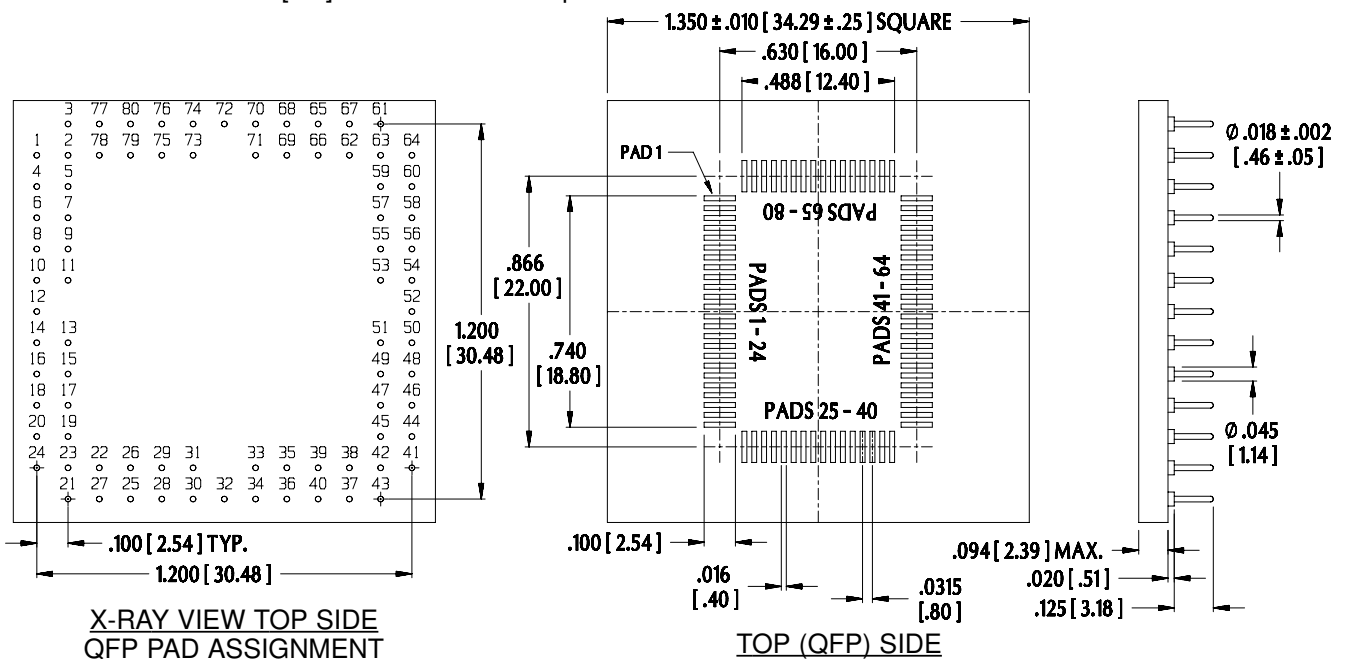
## ORDERING INFORMATION

Specify Part No. **96-080M80**

-or-

**96-080M80-P** for panelized form  
when ordering

Specify Part Number **80-PGM13070-30**  
for wire wrap PGA socket



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