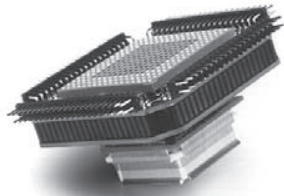
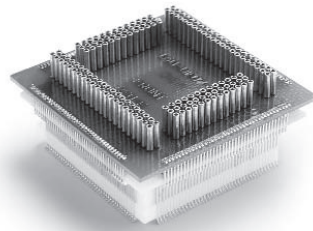


# DEVICE-SPECIFIC - SURFACE MOUNTABLE - EMULATOR ADAPTERS



AS-PGA-QF03S-68302



EPP-160-QF07-SM

## Ordering Information Example

Product Code \_\_\_\_\_ AS-PGA-QF29\*S-68020 \_\_\_\_\_ IC to be Emulated  
 Emulator Pod Female Receptacle \_\_\_\_\_ Surface Mount Pad Footprint

Footprint Type (See Footprint Section)

Emulator Pod

Target Socket

Icons identify your emulator pod and target socket.

## HOW TO ORDER

Determine the following characteristics to identify the ET part number.

- 1) Chip manufacturer for the IC to be emulated. (i.e. Motorola 68000/10).
- 2) Package type of the emulator pod.
- 3) Package type of the target socket.
- 4) Verify top and bottom footprints (see package coding system).

## HOW TO ORDER

### REPLACEMENT BASES

- 1) Find the QFXXS in your original part number (i.e. your PQFP package footprint number).
- 2) Turn to the package coding system to locate complete ordering information.

EMULATOR TOOLS & ADAPTERS

Analog Devices	Motorola	Intel
<p><b>PGA</b> → <b>PQFP SMT Pads</b></p> <p>Description #      Document #                      AS-PGA-QF01S-ADSP2111      F3389                      AS-PGA1-QF14S-ADSP2101      F1572</p>	<p><b>PLCC</b> → <b>PQFP SMT Pads</b></p> <p>Description #      Document #                      AS-PCC1-QF14S-68HC11F1      F3960                      AS-PCC1-QF14DS-68HC11F1      F1424                      AS-PCC1-QF14DS-68HC11KA4      F4158                      AS-PCC1-QF29S-68EC000      F2111                      AS-PCC1-QF29S-68HC11KA4/KA2      F4001                      AS-PCC4-QF29S-68HC05B6      F4555                      AS-PCC4-QF29S-68HC11/711E9/A8      F1922                      AS-PCC4-QF29DS-68HC11/711E9/A8F4277      F1922                      AS-PCC5-QF14S-68HC11K4      F1064</p>	<p><b>PLCC</b> → <b>PQFP SMT Pads</b></p> <p>AS-PCC1-QF08S-80186/88(XL)      F1172                      AS-PCC1-QF08S-80186/88EA      F1870                      AS-PCC1-QF08S-80/83C196KB/KC/KD      F1733                      AS-PCC1-QF34S-87C196KM      F4556                      AS-PCC1-QF47S-80186/88(XL)(EA)      F1937                      AS-PCC5-QF08S-80186EB/88      F1671                      AS-PCC5-QF47S-80186/88EB      F2275</p>
<p><b>Hitachi</b></p> <p><b>PLCC</b> → <b>PQFP SMT Pads</b></p> <p>Description #      Document #                      AS-PCC5-QF14S-H8532/34/36      F1018                      AS-PCC5-QF14S-H8330/37      F1140                      AS-PCC5-QF47S-H8534      F3880</p>	<p><b>PGA</b> → <b>PQFP SMT Pads</b></p> <p>AS-PGA-QF03S-56001      F1034                      AS-PGA-QF03S-68020      F1035                      AS-PGA-QF03S-68030      F1036                      AS-PGA-QF03S-68302      F1854                      AS-PGA-QF03S-68332      F2099</p>	<p><b>PGA</b> → <b>PQFP SMT Pads</b></p> <p>AS-INTELICE-QF06S-80C186EC      F4288                      AS-PGA8-QF03S-80386DXL-NTP      F2256                      AS-PGA8-QF03S-80960JX      F3887                      AS-PGA8-QF03S-80960KA/KB      F1434                      AS-PGA8-QF03SLP-80960KA/KB      F4548                      AS-PGA10-QF15S-486SX/DX      F2473                      AS-PGA10-QF67S-486GX      F4197                      AS-PGA10-QF67S-486SX      F4072                      AS-PGA10-QF15S-80960CA/CF      F1191                      AS-PGA10-QF21S-486SX/DX      F2021                      AS-PGA10-QF21S-80960HX      F4328</p>
<p><b>DIP</b> → <b>PQFP SMT Pads</b></p> <p>AS-DIP1-QF09S-63X03RF      F2228</p>	<p><b>PGA</b> → <b>PQFP SMT Pads</b></p> <p>AS-PGA3-QF14S-H8532/34/36      F2209</p>	<p><b>DIP</b> → <b>PQFP SMT Pads</b></p> <p>AS-DIP-QF16DS-8031/51      F5184                      AS-DIP-QF16S-8031/51      F1051</p>
<p><b>SDIP</b> → <b>PQFP SMT Pads</b></p> <p>AS-SDIP-QF29S-H8/320      F2097                      AS-SDIP1-QF09S-63X03Y      F2094                      Note: No Test Points</p>	<p><b>PGA</b> → <b>PQFP SMT Pads</b></p> <p>AS-PGA1-QF14DS-68HC11F1      F4552                      AS-PGA3-QF14S-68HC11K4      F2476                      AS-PGA3-QF14S-68HC12      F5049                      AS-PGA3-QF49S-68LC302      F3853                      AS-PGA3/68302-QF49S-68LC302      F3937                      (For use with 68LC302 emulator)</p>	
<p><b>Zilog</b></p> <p><b>DIP</b> → <b>PQFP SMT Pads</b></p> <p>Description #      Document #                      AS-DIP1-QF16S-Z80      F4285                      AS-DIP1-QF16S-Z86      F5312</p>	<p><b>PGA</b> → <b>PQFP SMT Pads</b></p> <p>AS-PGA3-QF63S-68302      F2257                      AS-PGA4-QF10S-68340      F1394                      AS-PGA4-QF63S-68EN302      F4326                      AS-PGA4-QF63S-68PM302      F4165                      AS-PGA4-QF63S-68331      F4308                      AS-PGA4-QF63S-68340      F2080                      AS-PGA8-QF07S-68336-TP      F4305                      AS-PGA11-QF31S-68EC040/LC040      F2133                      AS-PGA11-QF62S-68060-HIS      F4262                      AS-PGA11-QF62S-68360/EN360      F1940                      AS-PGA11-QF62S-68360/EN360-HIS      F3882                      AS-100P3-QF06S-68EC020-NTP      F2422                      AS-114P3-QF06S-68EC020-NTP      F1468</p>	
<p><b>NEC</b></p> <p><b>PGA</b> → <b>PQFP SMT Pads</b></p> <p>Description #      Document #                      AS-PGA8-QF05S-V53      F1251</p>	<p><b>PGA</b> → <b>QFP</b></p> <p>AS-PGA-QF63DS-68302      F5475                      AS-PGA3-QF63S-68302-NTP      F5480</p>	
<p><b>PLCC</b> → <b>PQFP SMT Pads</b></p> <p>AS-PCC5-QF32S-V25      F1843                      AS-PCC1-QF08S-V40      F1852</p>	<p><b>PQFP</b> → <b>PQFP SMT Pads</b></p> <p>AS-QF03A-QF63S-68332-0      F2482                      AS-QF03T-QF63S-68HC16Z1      F4086</p>	
	<p><b>DIP</b> → <b>PQFP SMT Pads</b></p> <p>AS-DIP-QF16S-68HC05/705C8FB      F1214                      AS-DIP-QF16S-4044G      F5614</p>	
	<p><b>SDIP</b> → <b>PQFP SMT Pads</b></p> <p>AS-SDIP-QF29S-68HC05F6FU      F4286</p>	

For a complete listing of emulator adapters and additional information, see:

Web Link: [www.1800adapter.com/093](http://www.1800adapter.com/093)