



Altera (Intel® Programmable

Solutions Group)

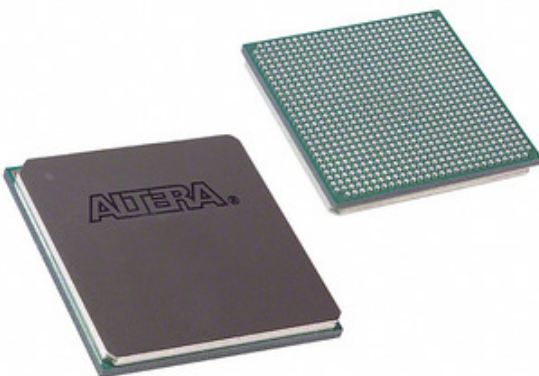


Image may be representation. See specifications for product details.

EP4SE230F29C2

Part Number:	EP4SE230F29C2
Manufacturer/Brand:	Altera (Intel® Programmable Solutions Group)
Product description	IC FPGA 488 I/O 780FBGA PDF 1.EP4SE230F29C2.pdf PDF 2.EP4SE230F29C2.pdf PDF 3.EP4SE230F29C2.pdf PDF 4.EP4SE230F29C2.pdf PDF 5.EP4SE230F29C2.pdf PDF 6.EP4SE230F29C2.pdf PDF 7.EP4SE230F29C2.pdf
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RoHs Status	RoHS Contains lead / RoHS non-compliant
Stock Condition	15 pcs stock
Ship From	Hong Kong
REQUEST FOR QUOTATION ex/TNT/UPS/EMS	

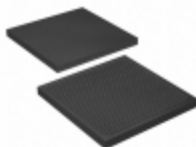
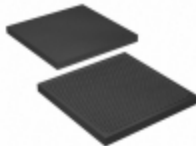
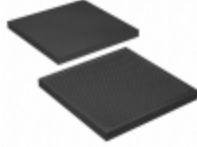
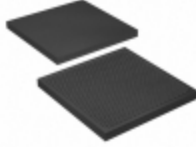
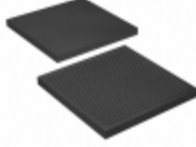
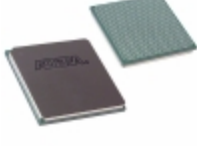
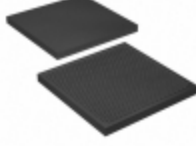
Specifications of EP4SE230F29C2

PART NUMBER	EP4SE230F29C2
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 488 I/O 780FBGA
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	15 pcs
DATA SHEET	PDF 1.EP4SE230F29C2.pdf PDF 2.EP4SE230F29C2.pdf PDF 3.EP4SE230F29C2.pdf PDF 4.EP4SE230F29C2.pdf PDF 5.EP4SE230F29C2.pdf PDF 6.EP4SE230F29C2.pdf PDF 7.EP4SE230F29C2.pdf
VOLTAGE - SUPPLY	0.87 V ~ 0.93 V
TOTAL RAM BITS	17544192
SUPPLIER DEVICE PACKAGE	780-FBGA (29x29)
SERIES	STRATIX® IV E
PACKAGE / CASE	780-BBGA, FCBGA
OPERATING TEMPERATURE	0°C ~ 85°C (TJ)
NUMBER OF LOGIC ELEMENTS/CELLS	228000
NUMBER OF LABS/CLBS	9120
NUMBER OF I/O	488
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
BASE PART NUMBER	EP4SE230

Related Tags

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Related Products

 EP4SE230F29C2N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 488 I/O 780FBGA In stock: 13 pcs RFQ	 EP4S40G5H40I2 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 654 I/O 1517HBGA In stock: 5 pcs RFQ
 EP4SE230F29C3 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 488 I/O 780FBGA In stock: 15 pcs RFQ	 EP4S40G5H40I3 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 654 I/O 1517HBGA In stock: 6 pcs RFQ
 EP4SE230F29I3 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 488 I/O 780FBGA In stock: 13 pcs RFQ	 EP4SE230F29C4N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 488 I/O 780FBGA In stock: 21 pcs RFQ
 EP4S40G5H40I1N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 654 I/O 1517HBGA In stock: 5 pcs RFQ	 EP4S40G5H40I3N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 654 I/O 1517HBGA In stock: 7 pcs RFQ
 EP4SE230F29C4 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 488 I/O 780FBGA In stock: 22 pcs RFQ	 EP4S40G5H40I1 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 654 I/O 1517HBGA In stock: 4 pcs RFQ
 EP4SE230F29C3N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 488 I/O 780FBGA In stock: 17 pcs RFQ	 EP4S40G5H40I2N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 654 I/O 1517HBGA In stock: 5 pcs RFQ