



Altera (Intel® Programmable

Solutions Group)

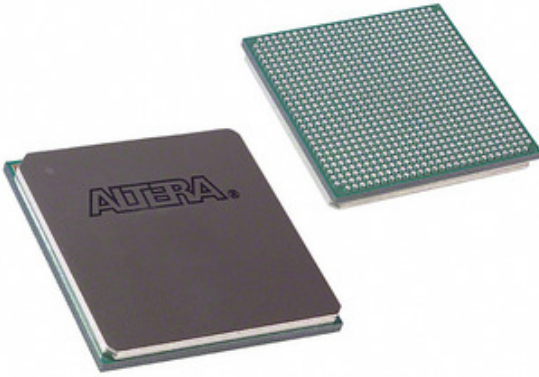


Image may be representation. See specifications for product details.

EP4SE230F29I4N

Part Number:	EP4SE230F29I4N
Manufacturer/Brand:	Altera (Intel® Programmable Solutions Group)
Product description	IC FPGA 488 I/O 780FBGA PDF 1.EP4SE230F29I4N.pdf PDF 2.EP4SE230F29I4N.pdf PDF 3.EP4SE230F29I4N.pdf PDF 4.EP4SE230F29I4N.pdf PDF 5.EP4SE230F29I4N.pdf PDF 6.EP4SE230F29I4N.pdf PDF 7.EP4SE230F29I4N.pdf
Datasheets:	PDF 1.EP4SE230F29I4N.pdf PDF 2.EP4SE230F29I4N.pdf PDF 3.EP4SE230F29I4N.pdf PDF 4.EP4SE230F29I4N.pdf PDF 5.EP4SE230F29I4N.pdf PDF 6.EP4SE230F29I4N.pdf PDF 7.EP4SE230F29I4N.pdf
RoHs Status	RoHS Lead free / RoHS Compliant
Stock Condition	17 pcs stock
Ship From	Hong Kong
REQUEST FOR QUOTATION ex/TNT/UPS/EMS	

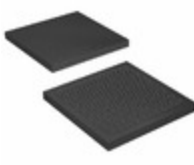
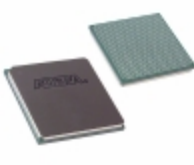
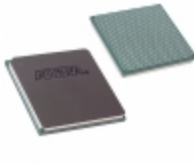
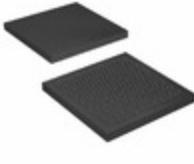
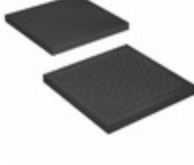
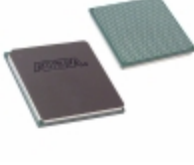
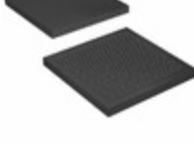
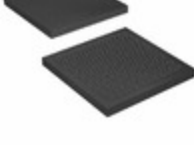
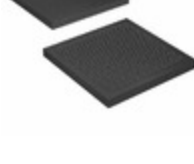
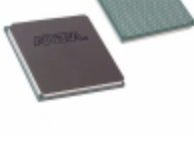
Specifications of EP4SE230F29I4N

PART NUMBER	EP4SE230F29I4N
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 488 I/O 780FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	17 pcs
DATA SHEET	PDF 1.EP4SE230F29I4N.pdf PDF 2.EP4SE230F29I4N.pdf PDF 3.EP4SE230F29I4N.pdf PDF 4.EP4SE230F29I4N.pdf PDF 5.EP4SE230F29I4N.pdf PDF 6.EP4SE230F29I4N.pdf PDF 7.EP4SE230F29I4N.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	-40°C ~ 100°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	Lead free / RoHS Compliant
BASE PART NUMBER	EP4SE230

Related Tags

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Related Products

 EP4SE360F35C4 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 744 I/O 1152FBGA In stock: 14 pcs RFQ	 EP4SE230F29C4 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 488 I/O 780FBGA In stock: 22 pcs RFQ
 EP4SE230F29I3 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 488 I/O 780FBGA In stock: 13 pcs RFQ	 EP4SE360F35C3N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 744 I/O 1152FBGA In stock: 12 pcs RFQ
 EP4SE360F35C2N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 744 I/O 1152FBGA In stock: 10 pcs RFQ	 EP4SE230F29I4 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 488 I/O 780FBGA In stock: 17 pcs RFQ
 EP4SE230F29C3N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 488 I/O 780FBGA In stock: 17 pcs RFQ	 EP4SE230F29C4N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 488 I/O 780FBGA In stock: 21 pcs RFQ
 EP4SE360F35C4N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 744 I/O 1152FBGA In stock: 18 pcs RFQ	 EP4SE360F35C2 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 744 I/O 1152FBGA In stock: 10 pcs RFQ
 EP4SE360F35C3 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 744 I/O 1152FBGA In stock: 11 pcs RFQ	 EP4SE230F29I3N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 488 I/O 780FBGA In stock: 15 pcs RFQ