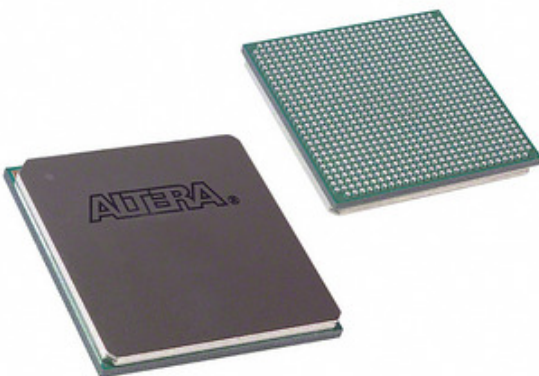




Altera (Intel® Programmable

Solutions Group)



EP4SGX230DF29I3N

Part Number:	EP4SGX230DF29I3N
Manufacturer/Brand:	Altera (Intel® Programmable Solutions Group)
Product description	IC FPGA 372 I/O 780FBGA PDF 1.EP4SGX230DF29I3N.pdf PDF 2.EP4SGX230DF29I3N.pdf PDF 3.EP4SGX230DF29I3N.pdf PDF 4.EP4SGX230DF29I3N.pdf PDF 5.EP4SGX230DF29I3N.pdf PDF 6.EP4SGX230DF29I3N.pdf PDF 7.EP4SGX230DF29I3N.pdf
Datasheets:	
RoHs Status	RoHS ✓ Lead free / RoHS Compliant
Stock Condition	13 pcs stock
Ship From	Hong Kong
REQUEST FOR QUOTATION by DHL/Express/TNT/UPS/EMS	

Image may be representation. See specifications for product details.

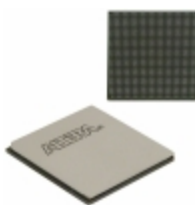
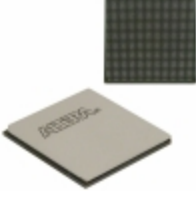
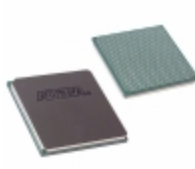
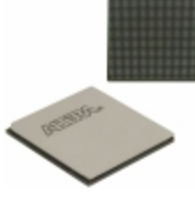
Specifications of EP4SGX230DF29I3N

PART NUMBER	EP4SGX230DF29I3N
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 372 I/O 780FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	13 pcs
DATA SHEET	PDF 1.EP4SGX230DF29I3N.pdf PDF 2.EP4SGX230DF29I3N.pdf PDF 3.EP4SGX230DF29I3N.pdf PDF 4.EP4SGX230DF29I3N.pdf PDF 5.EP4SGX230DF29I3N.pdf PDF 6.EP4SGX230DF29I3N.pdf PDF 7.EP4SGX230DF29I3N.pdf
VOLTAGE - SUPPLY	0.87 V ~ 0.93 V
TOTAL RAM BITS	17544192
SUPPLIER DEVICE PACKAGE	780-FBGA (29x29)
SERIES	Stratix® IV GX
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	372
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
BASE PART NUMBER	EP4SGX230

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 EP4SGX230DF29I4 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 372 I/O 780FBGA In stock: 17 pcs RFQ	 EP4SGX230DF29I3 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 372 I/O 780FBGA In stock: 14 pcs RFQ
 EP4SGX230FF35C3ES Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 564 I/O 1152FBGA In stock: 3843 pcs RFQ	 EP4SGX230DF29I4N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 372 I/O 780FBGA In stock: 17 pcs RFQ
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 EP4SGX230FF35C3 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 564 I/O 1152FBGA In stock: 13 pcs RFQ	 EP4SGX230DF29C4 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 372 I/O 780FBGA In stock: 17 pcs RFQ
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