



Altera (Intel® Programmable

Solutions Group)



Image may be representation. See specifications for product details.

EP4SGX230DF29I3

Part Number:

EP4SGX230DF29I3

Manufacturer/Brand:

Altera (Intel® Programmable Solutions Group)

Product description

IC FPGA 372 I/O 780FBGA
[PDF](#) 1.EP4SGX230DF29I3.pdf
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[PDF](#) 6.EP4SGX230DF29I3.pdf
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Datasheets:

RoHs Status

 Contains lead / RoHS non-compliant

Ship From

Hong Kong

Shipment Way

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

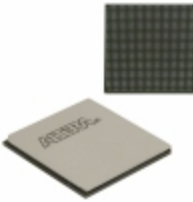
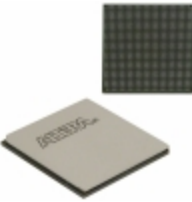
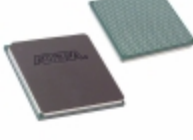
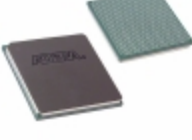
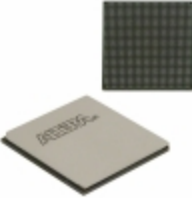
Specifications of EP4SGX230DF29I3

PART NUMBER	EP4SGX230DF29I3
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 372 I/O 780FBGA
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DATA SHEET	PDF 1.EP4SGX230DF29I3.pdf PDF 2.EP4SGX230DF29I3.pdf PDF 3.EP4SGX230DF29I3.pdf PDF 4.EP4SGX230DF29I3.pdf PDF 5.EP4SGX230DF29I3.pdf PDF 6.EP4SGX230DF29I3.pdf PDF 7.EP4SGX230DF29I3.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	Contains lead / RoHS non-compliant
BASE PART NUMBER	EP4SGX230

Related Tags

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