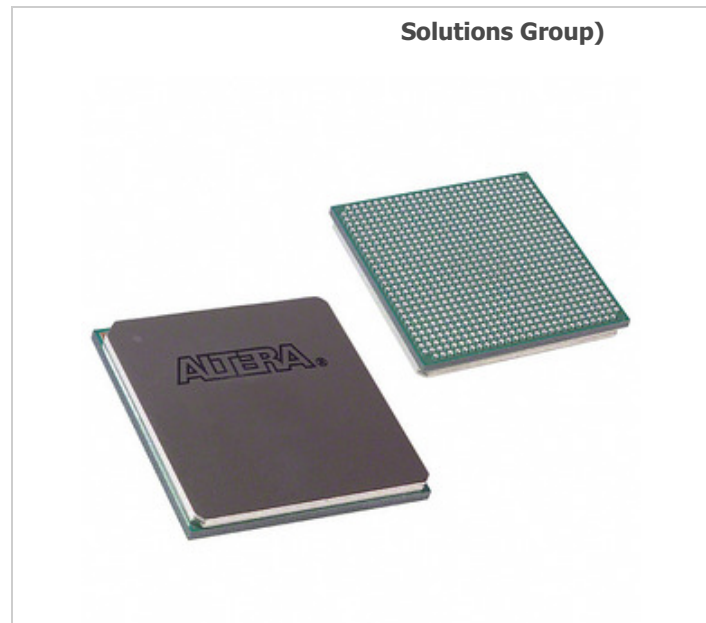


EP4SGX230DF29C3NES

Part Number: EP4SGX230DF29C3NES
 Manufacturer/Brand: Altera (Intel® Programmable Solutions Group)
 Product description: IC FPGA 372 I/O 780FBGA
 Datasheets:
 1. [1.EP4SGX230DF29C3NES.pdf](#)
 2. [2.EP4SGX230DF29C3NES.pdf](#)
 3. [3.EP4SGX230DF29C3NES.pdf](#)
 4. [4.EP4SGX230DF29C3NES.pdf](#)
 5. [5.EP4SGX230DF29C3NES.pdf](#)
 6. [6.EP4SGX230DF29C3NES.pdf](#)
 7. [7.EP4SGX230DF29C3NES.pdf](#)
 RoHS Status: Lead free / RoHS Compliant
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS



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Image may be representation. See specifications for product details.

Specifications of EP4SGX230DF29C3NES

PART NUMBER	EP4SGX230DF29C3NES
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 372 I/O 780FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.EP4SGX230DF29C3NES.pdf 2.EP4SGX230DF29C3NES.pdf 3.EP4SGX230DF29C3NES.pdf 4.EP4SGX230DF29C3NES.pdf 5.EP4SGX230DF29C3NES.pdf 6.EP4SGX230DF29C3NES.pdf 7.EP4SGX230DF29C3NES.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	0°C ~ 85°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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<p>EP4SGX230DF29I3N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 372 I/O 780FBGA In stock: Out stock RFQ</p>	<p>EP4SGX230DF29C4N Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 372 I/O 780FBGA In stock: Out stock RFQ</p>
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