



Altera (Intel® Programmable

Solutions Group)



Image may be representation. See specifications for product details.

EP4SGX290NF45C3N

Part Number: EP4SGX290NF45C3N

Manufacturer/Brand: Altera (Intel® Programmable Solutions Group)

Product description: IC FPGA 920 I/O 1932FBGA

Datasheets: [1.EP4SGX290NF45C3N.pdf](#)
[2.EP4SGX290NF45C3N.pdf](#)
[3.EP4SGX290NF45C3N.pdf](#)
[4.EP4SGX290NF45C3N.pdf](#)
[5.EP4SGX290NF45C3N.pdf](#)
[6.EP4SGX290NF45C3N.pdf](#)
[7.EP4SGX290NF45C3N.pdf](#)

RoHs Status:  Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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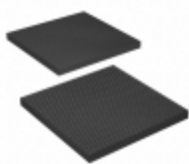
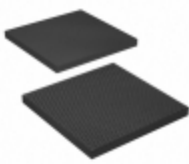
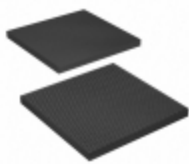
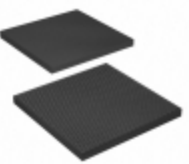
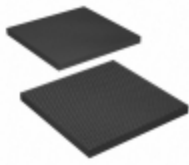
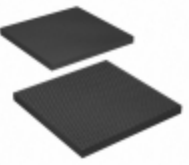
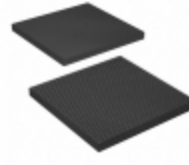
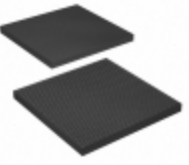
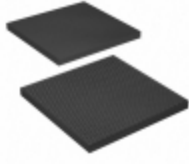
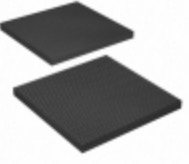
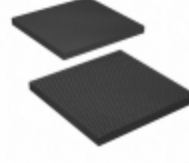
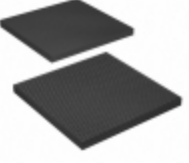
Specifications of EP4SGX290NF45C3N

PART NUMBER	EP4SGX290NF45C3N
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 920 I/O 1932FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.EP4SGX290NF45C3N.pdf 2.EP4SGX290NF45C3N.pdf 3.EP4SGX290NF45C3N.pdf 4.EP4SGX290NF45C3N.pdf 5.EP4SGX290NF45C3N.pdf 6.EP4SGX290NF45C3N.pdf 7.EP4SGX290NF45C3N.pdf
VOLTAGE - SUPPLY	0.87 V ~ 0.93 V
TOTAL RAM BITS	17661952
SUPPLIER DEVICE PACKAGE	1932-FBGA, FC (45x45)
SERIES	Stratix® IV GX
PACKAGE / CASE	1932-BBGA, FCBGA
OPERATING TEMPERATURE	0°C ~ 85°C (TJ)
NUMBER OF LOGIC ELEMENTS/CELLS	291200
NUMBER OF LABS/CLBS	11648
NUMBER OF I/O	920
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
BASE PART NUMBER	EP4SGX290

Related Tags

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