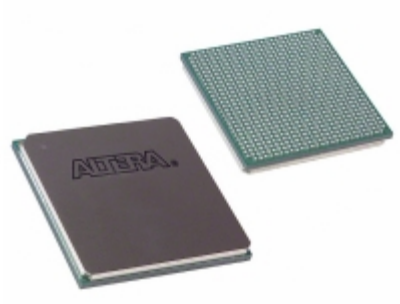


EP4SGX180DF29I3



Images are for reference only.
See Product Specifications for product details.
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Part Number: [EP4SGX180DF29I3](#)

Manufacturer: [Altera \(Intel® Programmable Solutions Group\)](#)

Description: IC FPGA 372 I/O 780FBGA

Data sheet:  [Stratix IV Device Family Overview](#)
 [Stratix IV Devices](#)
 [Stratix IV Device Handbook Vol.4](#)
 [Stratix IV GX Errata](#)
 [Stratix IV Device Handbook Vol1](#)
 [Stratix IV Device Handbook Vol.1](#)
 [Virtual JTAG Megafuntion User Guide](#)

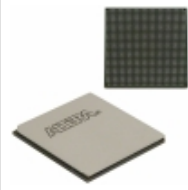
RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	EP4SGX180DF29I3	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 372 I/O 780FBGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	13 pcs	Data sheet	Stratix IV Device Family Overview Stratix IV Devices Stratix IV Device Handbook Vol.4 Stratix IV GX Errata Stratix IV Device Handbook Vol1 Stratix IV Device Handbook Vol.1 Virtual JTAG Megafuntion User Guide
Category	Integrated Circuits (ICs)	Voltage - Supply	0.87 V ~ 0.93 V
Total RAM Bits	13954048	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	175750
Number of LABs/CLBs	7030	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	EP4SGX180
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	Part#: EP4SGX180DF29I4N Description: IC FPGA 372 I/O 780FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP4SGX180FF35C2XN Description: IC FPGA 564 I/O 1152FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP4SGX180DF29C4N Description: IC FPGA 372 I/O 780FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP4SGX110HF35I4 Description: IC FPGA 488 I/O 1152FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP4SGX180DF29C4 Description: IC FPGA 372 I/O 780FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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