

EP4S100G4F45I2N



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Part Number: [EP4S100G4F45I2N](#)

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

Description IC FPGA 781 I/O 1932FBGA

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

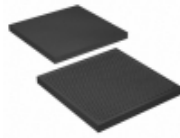
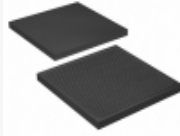
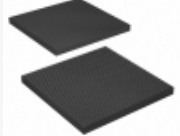
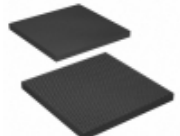
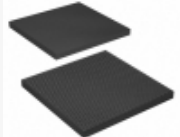
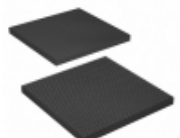
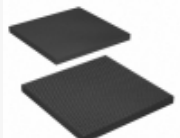
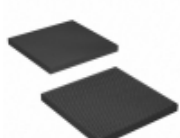
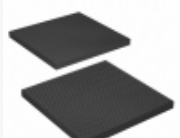
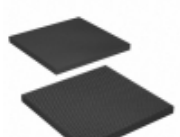
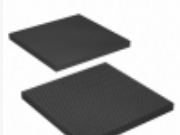
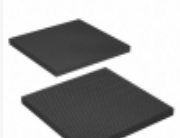
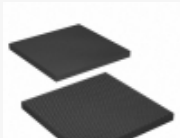
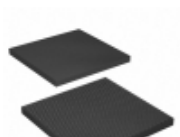
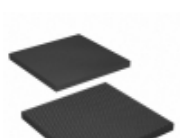
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	EP4S100G4F45I2N	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 781 I/O 1932FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	6 pcs	Data sheet	Stratix IV Device Family Overview Stratix IV Devices Stratix IV Device Handbook Vol.4 Virtual JTAG Megafuntion User Guide Stratix IV GT Errata
Category	Integrated Circuits (ICs)	Voltage - Supply	0.92 V ~ 0.98 V
Total RAM Bits	23105536	Supplier Device Package	1932-FBGA, FC (45x45)
Series	STRATIX® IV GT	Package / Case	1932-BBGA, FCBGA
Other Names	544-2638	Operating Temperature	0°C ~ 100°C (TJ)
Number of Logic Elements/Cells	353600	Number of LABs/CLBs	14144
Number of I/O	781	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Base Part Number	EP4S100G4		
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