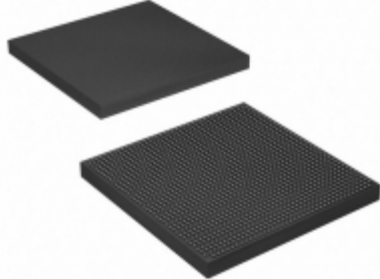


EP4S100G2F40I2N



Images are for reference only.
See Product Specifications for product details.
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Part Number: [EP4S100G2F40I2N](#)

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

Description: IC FPGA 654 I/O 1517FBGA

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

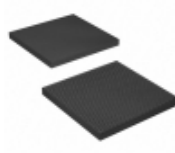
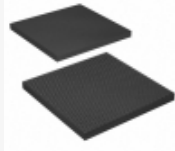
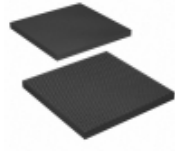
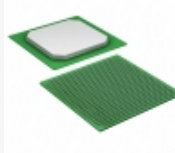
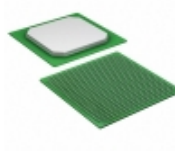
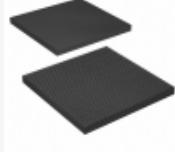
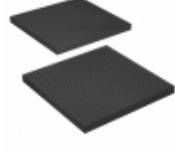
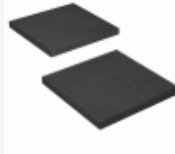
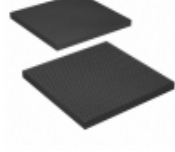
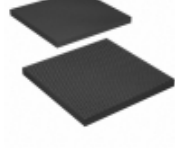
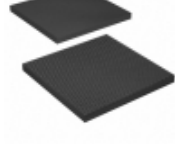
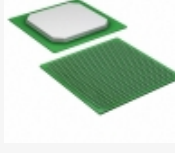
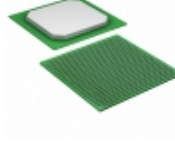
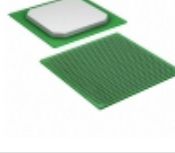
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	EP4S100G2F40I2N	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 654 I/O 1517FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	7 pcs	Data sheet	Stratix IV Device Family Overview Stratix IV Devices Virtual JTAG Megafuntion User Guide Stratix IV GT Errata
Category	Integrated Circuits (ICs)	Voltage - Supply	0.92 V ~ 0.98 V
Total RAM Bits	17544192	Supplier Device Package	1517-FBGA (40x40)
Series	STRATIX® IV GT	Package / Case	1517-BBGA, FCBGA
Operating Temperature	0°C ~ 100°C (TJ)	Number of Logic Elements/Cells	228000
Number of LABs/CLBs	9120	Number of I/O	654
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Base Part Number	EP4S100G2
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	Part#: EP4S100G3F45I3N Description: IC FPGA 781 I/O 1932FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP4CGX75DF27I7N Description: IC FPGA 310 I/O 672FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP4CGX75DF27I7 Description: IC FPGA 310 I/O 672FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP4S100G3F45I1 Description: IC FPGA 781 I/O 1932FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP4S100G4F45I2 Description: IC FPGA 781 I/O 1932FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP4S100G4F45I1 Description: IC FPGA 781 I/O 1932FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP4S100G4F45I2N Description: IC FPGA 781 I/O 1932FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP4CGX75DF27C7 Description: IC FPGA 310 I/O 672FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP4CGX75DF27C8 Description: IC FPGA 310 I/O 672FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP4S100G2F40I1 Description: IC FPGA 654 I/O 1517FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP4CGX75DF27C6N Description: IC FPGA 310 I/O 672FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP4CGX75DF27C8N Description: IC FPGA 310 I/O 672FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP4S100G3F45I2N Description: IC FPGA 781 I/O 1932FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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