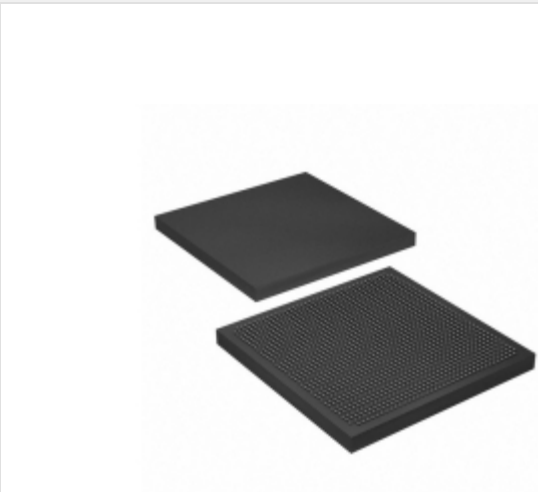


EP4S100G5H40I2N





Part Number: [EP4S100G5H40I2N](#)

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

Description: IC FPGA 654 I/O 1517HBGA

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

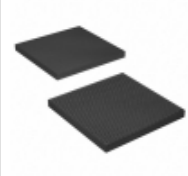
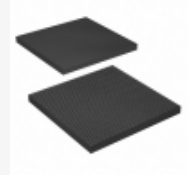
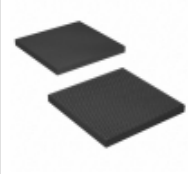
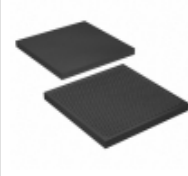
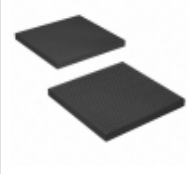
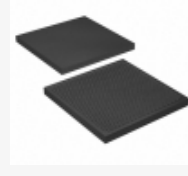
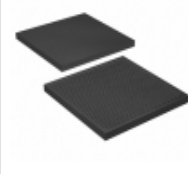
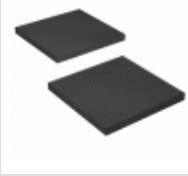
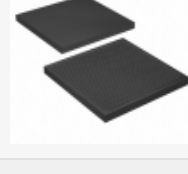
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Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	EP4S100G5H40I2N	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 654 I/O 1517HBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5 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	28033024	Supplier Device Package	1517-HBGA (42.5x42.5)
Series	STRATIX® IV GT	Package / Case	1517-BBGA, FCBGA
Other Names	544-2636	Operating Temperature	0°C ~ 100°C (TJ)
Number of Logic Elements/Cells	531200	Number of LABs/CLBs	21248
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	EP4S100G5		
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	Part#: EP4S100G5F45I1N Description: IC FPGA 781 I/O 1932FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP4S40G2F40I3 Description: IC FPGA 654 I/O 1517FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP4S100G5H40I1N Description: IC FPGA 654 I/O 1517HBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP4S100G5H40I2 Description: IC FPGA 654 I/O 1517HBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP4S100G5F45I3 Description: IC FPGA 781 I/O 1932FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP4S40G2F40I3N Description: IC FPGA 654 I/O 1517FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP4S40G2F40I2 Description: IC FPGA 654 I/O 1517FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP4S100G5F45I3N Description: IC FPGA 781 I/O 1932FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP4S100G5F45I1 Description: IC FPGA 781 I/O 1932FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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