

EP1C12F324C8N



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Part Number: [EP1C12F324C8N](#)

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

Description: IC FPGA 249 I/O 324FBGA

Data sheet:  [Cyclone Device Handbook, Volume 1](#)
 [324-FBGA Pkg Info](#)
 [Virtual JTAG Megafunfun User Guide](#)
 [Cyclone FPGA Family](#)

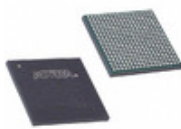
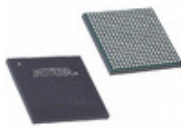
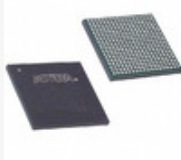
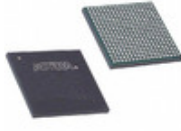
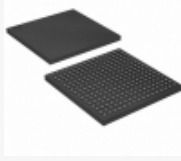
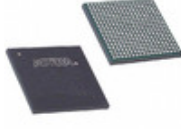
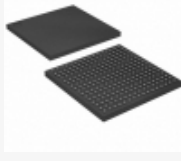
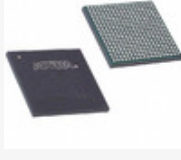
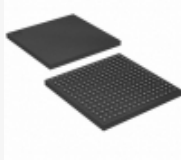
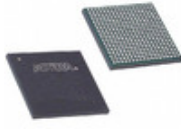
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	EP1C12F324C8N	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 249 I/O 324FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	1852 pcs	Data sheet	Cyclone Device Handbook, Volume 1 324-FBGA Pkg Info Virtual JTAG Megafunfun User Guide Cyclone FPGA Family
Category	Integrated Circuits (ICs)	Voltage - Supply	1.425 V ~ 1.575 V
Total RAM Bits	239616	Supplier Device Package	324-FBGA (19x19)
Series	Cyclone®	Package / Case	324-BGA
Other Names	544-1792 EP1C12F324C8N-ND	Operating Temperature	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	12060	Number of LABs/CLBs	1206
Number of I/O	249	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Base Part Number	EP1C12		
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