

EP1C12F256C8N



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Part Number: [EP1C12F256C8N](#)

Manufacturer: [Intel® FPGAs](#)

Description: IC FPGA 185 I/O 256FBGA

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

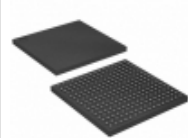
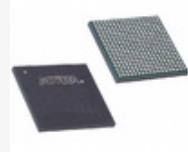
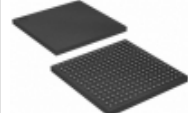
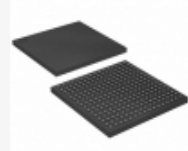
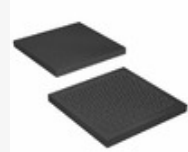
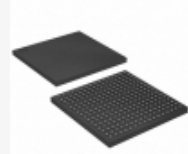
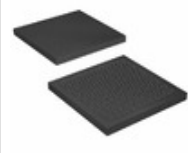
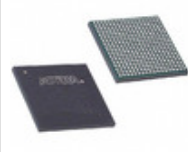
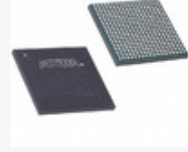
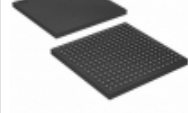
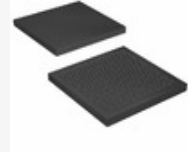
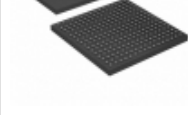
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	EP1C12F256C8N	Manufacturer	Intel® FPGAs
Description	IC FPGA 185 I/O 256FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	2140 pcs	Data sheet	Cyclone Device Handbook, Volume 1 256-FBGA Pkg Info Virtual JTAG Megafuntion User Guide Cyclone FPGA Family
Category	Integrated Circuits (ICs)	Voltage - Supply	1.425 V ~ 1.575 V
Total RAM Bits	239616	Supplier Device Package	256-FBGA (17x17)
Series	Cyclone®	Package / Case	256-BGA
Other Names	544-1791 EP1C12F256C8N-ND	Operating Temperature	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	12060	Number of LABs/CLBs	1206
Number of I/O	185	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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	Part#: EP1C12F256C6 Description: IC FPGA 185 I/O 256FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP1C12F256C8EC Description: IC FPGA FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP1C12F324C6AA Description: IC FPGA FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP1C12F324C6 Description: IC FPGA 249 I/O 324FBGA	Manufacturers: Intel® FPGAs	RFQ
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