

EP1C12F256C7N



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Part Number: [EP1C12F256C7N](#)

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

Description IC FPGA 185 I/O 256FBGA

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

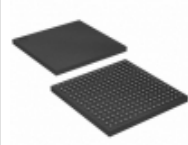
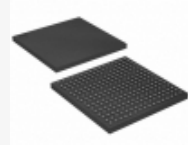
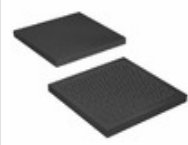
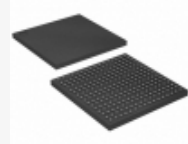
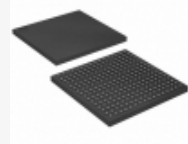
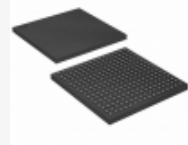
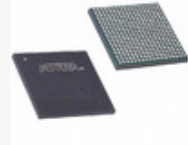
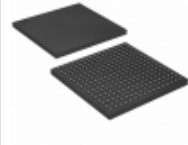
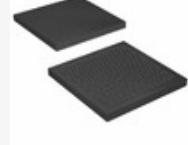
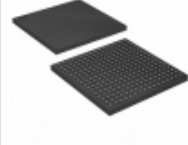
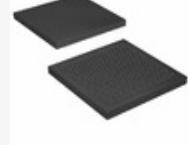
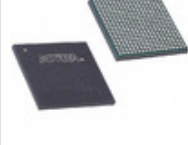
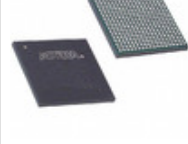
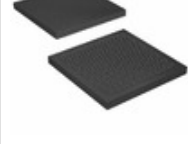
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	EP1C12F256C7N	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC FPGA 185 I/O 256FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	1675 pcs	Data sheet	Cyclone Device Handbook, Volume 1 256-FBGA Pkg Info Virtual JTAG Megafunton 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	544-1790 EP1C12F256C7N-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#: EP1AGX60EF115216N Description: IC FPGA 514 I/O 1152FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1C12F256C7 Description: IC FPGA 185 I/O 256FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1C12F256C6AA Description: IC FPGA FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: EP1C12F256C8N Description: IC FPGA 185 I/O 256FBGA	Manufacturers: Intel® FPGAs	RFQ
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	Part#: EP1C12F324C7N Description: IC FPGA 249 I/O 324FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1C12F324C6 Description: IC FPGA 249 I/O 324FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP1C12F324C6N Description: IC FPGA 249 I/O 324FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP1AGX60EF1152C6N Description: IC FPGA 514 I/O 1152FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1AGX90EF115216 Description: IC FPGA 538 I/O 1152FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP1C12F324C6AA Description: IC FPGA FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ

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