

EP1C12F256I7



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See Product Specifications for product details.
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Part Number: [EP1C12F256I7](#)

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](#)

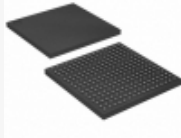
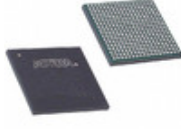
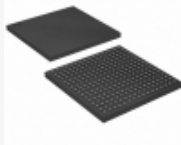
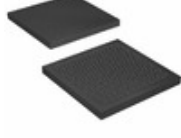
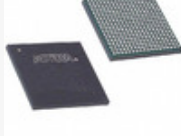
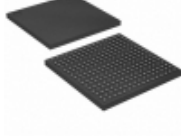
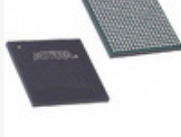
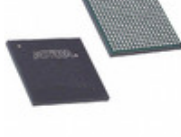
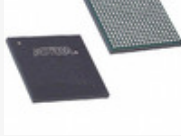
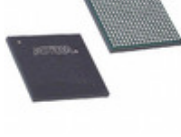
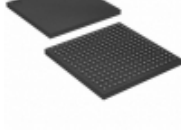
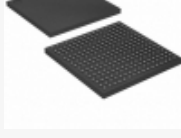
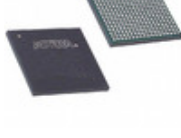
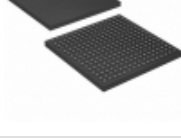
RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	EP1C12F256I7	Manufacturer	Intel® FPGAs
Description	IC FPGA 185 I/O 256FBGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	1401 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	544-1013	Operating Temperature	-40°C ~ 100°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	Contains lead / RoHS non-compliant
Base Part Number	EP1C12		
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	Part#: EP1C12F256C6N Description: IC FPGA 185 I/O 256FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1C12F324C6N Description: IC FPGA 249 I/O 324FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP1C12F256C7 Description: IC FPGA 185 I/O 256FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1AGX90EF1152I6N Description: IC FPGA 538 I/O 1152FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP1C12F324C8N Description: IC FPGA 249 I/O 324FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1C12F256I7N Description: IC FPGA 185 I/O 256FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1C12F324I7 Description: IC FPGA 249 I/O 324FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP1C12F324C8 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
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	Part#: EP1C12F324C6AA Description: IC FPGA FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1C12F256C8N Description: IC FPGA 185 I/O 256FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP1C12F256C8 Description: IC FPGA 185 I/O 256FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1C12F324C7N Description: IC FPGA 249 I/O 324FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1C12F256C6AA Description: IC FPGA FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1C12F256C8EC Description: IC FPGA FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1C12F324C8NGA Description: IC FPGA FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: EP1C12F256C6 Description: IC FPGA 185 I/O 256FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP1C12F256C7N Description: IC FPGA 185 I/O 256FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ

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