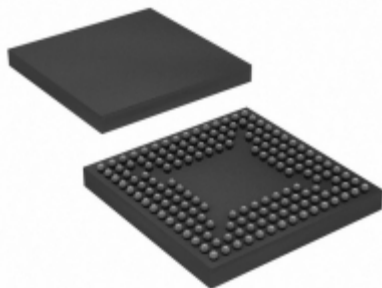


EP3C10M164C8N



Images are for reference only.
See Product Specifications for product details.
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Part Number: EP3C10M164C8N

Manufacturer: Intel® FPGAs

Description: IC FPGA 106 I/O 164MBGA

Data sheet:  [Cyclone III FPGA Family Errata](#)
 [Cyclone III Family Overview](#)
 [Cyclone III Device Handbook Vol2](#)
 [Cyclone III Device Handbook Vol1](#)
 [Cyclone III Brochure](#)
 [Cyclone III_Design Guidelines](#)
 [Virtual JTAG Megafuntion User Guide](#)
 [Cyclone III Datasheet](#)

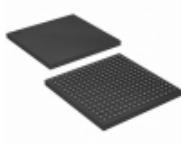
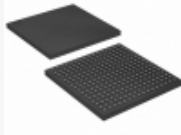
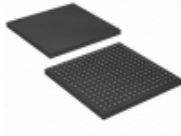
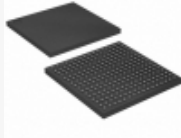
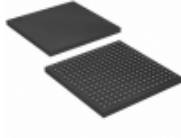
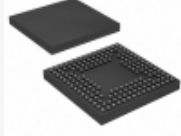
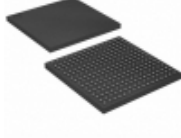
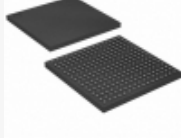
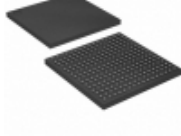
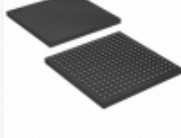
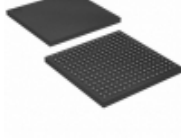
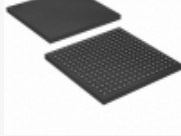
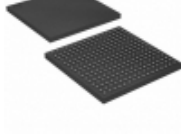
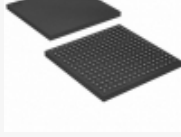
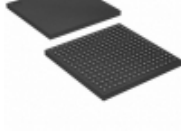
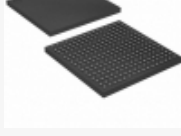
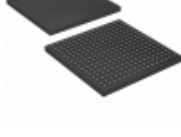
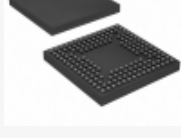
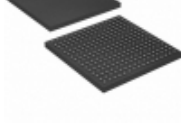
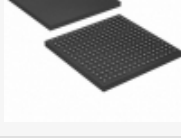
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	EP3C10M164C8N	Manufacturer	Intel® FPGAs
Description	IC FPGA 106 I/O 164MBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	3399 pcs	Data sheet	Cyclone III FPGA Family Errata Cyclone III Family Overview Cyclone III Device Handbook Vol2 Cyclone III Device Handbook Vol1 Cyclone III Brochure Cyclone III_Design Guidelines Virtual JTAG Megafuntion User Guide Cyclone III Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply	1.15 V ~ 1.25 V
Total RAM Bits	423936	Supplier Device Package	164-MBGA (8x8)
Series	Cyclone® III	Package / Case	164-TFBGA
Other Names	544-3182 EP3C10M164C8N-ND	Operating Temperature	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	10320	Number of LABs/CLBs	645
Number of I/O	106	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	8 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Base Part Number	EP3C10
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	Part#: EP3C10F256I7N Description: IC FPGA 182 I/O 256FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C10U256C8N Description: IC FPGA 182 I/O 256UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C10U256I7 Description: IC FPGA 182 I/O 256UBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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