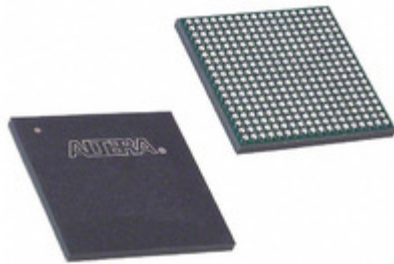


EP3C40F324I7N



Images are for reference only.
See Product Specifications for product details.
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Part Number: [EP3C40F324I7N](#)

Manufacturer: [Intel® FPGAs](#)

Description: IC FPGA 195 I/O 324FBGA

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](#)

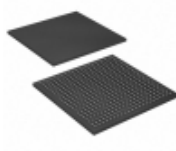
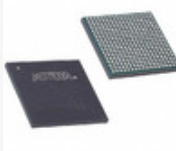
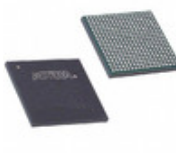
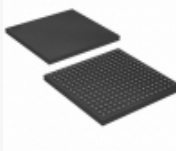
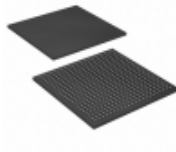
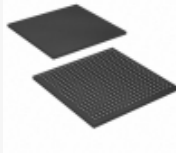
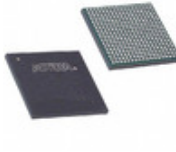
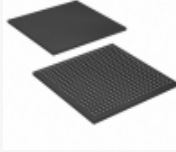
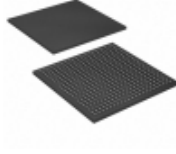
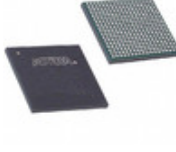
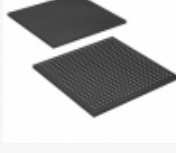
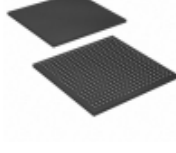
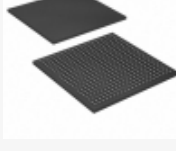
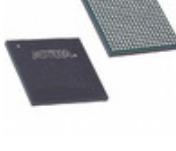
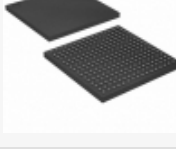
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	EP3C40F324I7N	Manufacturer	Intel® FPGAs
Description	IC FPGA 195 I/O 324FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	632 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	1161216	Supplier Device Package	324-FBGA (19x19)
Series	Cyclone® III	Package / Case	324-BGA
Other Names	544-2547	Operating Temperature	-40°C ~ 100°C (TJ)
Number of Logic Elements/Cells	39600	Number of LABs/CLBs	2475
Number of I/O	195	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	EP3C40
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	Part#: EP3C40F324I7 Description: IC FPGA 195 I/O 324FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C25U256I7N Description: IC FPGA 156 I/O 256UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C40F484C6 Description: IC FPGA 331 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C40F484I7 Description: IC FPGA 331 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C40F324C7 Description: IC FPGA 195 I/O 324FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C40F484I7N Description: IC FPGA 331 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C40F484C8N Description: IC FPGA 331 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
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	Part#: EP3C40F484C7N Description: IC FPGA 331 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C40F484C6N Description: IC FPGA 331 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C40F484C8 Description: IC FPGA 331 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
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	Part#: EP3C40F324A7N Description: IC FPGA 195 I/O 324FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C40F324C8N Description: IC FPGA 195 I/O 324FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C25U256I7 Description: IC FPGA 156 I/O 256UBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: EP3C40F484A7N Description: IC FPGA 331 I/O 484FBGA	Manufacturers: Intel® FPGAs	RFQ
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