



Intel® FPGAs

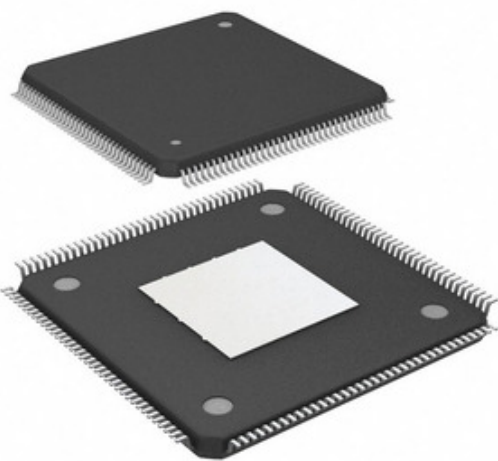


Image may be representation. See specifications for product details.

EP3C16E144C8N

Part Number:	EP3C16E144C8N
Manufacturer/Brand:	Intel® FPGAs
Product description	IC FPGA 84 I/O 144EQFP
	 1.EP3C16E144C8N.pdf
	 2.EP3C16E144C8N.pdf
	 3.EP3C16E144C8N.pdf
	 4.EP3C16E144C8N.pdf
	 5.EP3C16E144C8N.pdf
	 6.EP3C16E144C8N.pdf
	 7.EP3C16E144C8N.pdf
	 8.EP3C16E144C8N.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	2929 pcs stock
	Hong Kong
Shipment way	DHL/Fedex/TNT/UPS/EMS

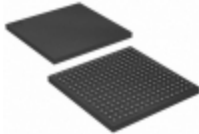
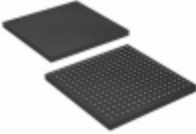
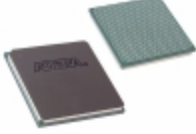
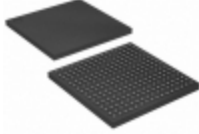
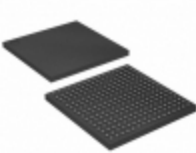
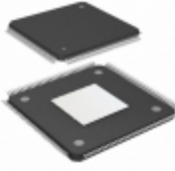
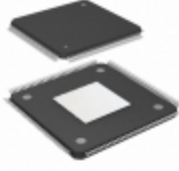
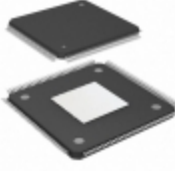
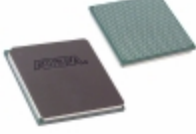
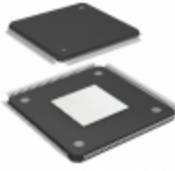
Specifications of EP3C16E144C8N

PART NUMBER	EP3C16E144C8N
MANUFACTURER	Intel® FPGAs
DESCRIPTION	IC FPGA 84 I/O 144EQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	2929 pcs
DATA SHEET	 1.EP3C16E144C8N.pdf  2.EP3C16E144C8N.pdf  3.EP3C16E144C8N.pdf  4.EP3C16E144C8N.pdf  5.EP3C16E144C8N.pdf  6.EP3C16E144C8N.pdf  7.EP3C16E144C8N.pdf  8.EP3C16E144C8N.pdf
VOLTAGE - SUPPLY	1.15 V ~ 1.25 V
TOTAL RAM BITS	516096
SUPPLIER DEVICE PACKAGE	144-EQFP (20x20)
SERIES	Cyclone® III
PACKAGE / CASE	144-LQFP Exposed Pad
OTHER NAMES	544-2456
OPERATING TEMPERATURE	0°C ~ 85°C (TJ)
NUMBER OF LOGIC ELEMENTS/CELLS	15408
NUMBER OF LABS/CLBS	963
NUMBER OF I/O	84
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
BASE PART NUMBER	EP3C16

Related Tags

Intel® FPGAs EP3C16E144C8N	EP3C16E144C8N Distributor	EP3C16E144C8N Supplier
EP3C16E144C8N Price	EP3C16E144C8N Pictures	EP3C16E144C8N Image
EP3C16E144C8N PDF Datasheet	EP3C16E144C8N Download Datasheet	EP3C16E144C8N Datasheet
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Related Products

 EP3C16E144I7N Manufacturers: Intel® FPGAs Description: IC FPGA 84 I/O 144EQFP In stock: 1856 pcs RFQ	 EP3C16F256C6N Manufacturers: Intel® FPGAs Description: IC FPGA 168 I/O 256FBGA In stock: 1958 pcs RFQ
 EP3C16F256C7 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 168 I/O 256FBGA In stock: 2042 pcs RFQ	 EP3C16E144I7 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 84 I/O 144EQFP In stock: 2100 pcs RFQ
 EP3C120F780I7 Manufacturers: Intel® FPGAs Description: IC FPGA 531 I/O 780FBGA In stock: 106 pcs RFQ	 EP3C16F256A7N Manufacturers: Intel® FPGAs Description: IC FPGA 168 I/O 256FBGA In stock: 1137 pcs RFQ
 EP3C16F256C6 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 168 I/O 256FBGA In stock: 1763 pcs RFQ	 EP3C16E144C8 Manufacturers: Intel® FPGAs Description: IC FPGA 84 I/O 144EQFP In stock: 2788 pcs RFQ
 EP3C16E144A7N Manufacturers: Intel® FPGAs Description: IC FPGA 84 I/O 144EQFP In stock: 1515 pcs RFQ	 EP3C16E144C7N Manufacturers: Intel® FPGAs Description: IC FPGA 84 I/O 144EQFP In stock: 2447 pcs RFQ
 EP3C120F780I7N Manufacturers: Intel® FPGAs Description: IC FPGA 531 I/O 780FBGA In stock: 137 pcs RFQ	 EP3C16E144C7 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 84 I/O 144EQFP In stock: 2286 pcs RFQ