



Altera (Intel® Programmable

Solutions Group)

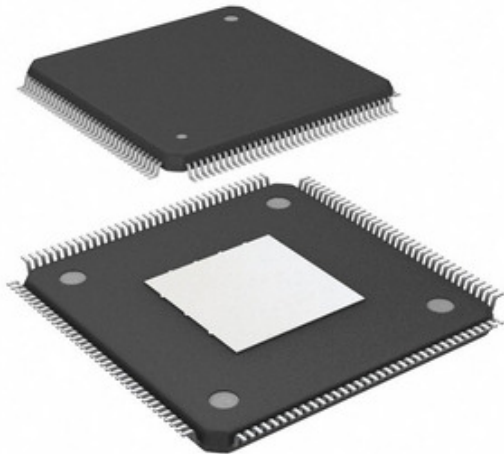


Image may be representation. See specifications for product details.

EP3C16E144I7

Part Number:	EP3C16E144I7
Manufacturer/Brand:	Altera (Intel® Programmable Solutions Group)
Product description	IC FPGA 84 I/O 144EQFP 1.EP3C16E144I7.pdf2.EP3C16E144I7.pdf3.EP3C16E144I7.pdf4.EP3C16E144I7.pdf5.EP3C16E144I7.pdf6.EP3C16E144I7.pdf7.EP3C16E144I7.pdf8.EP3C16E144I7.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
REQUEST FOR QUOTATION ex/TNT/UPS/EMS	

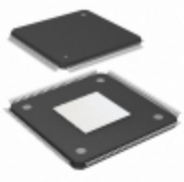
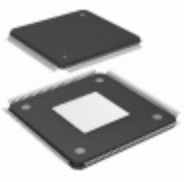
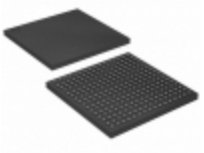
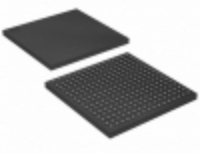
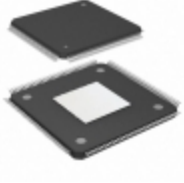
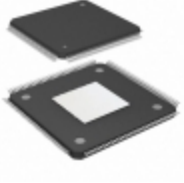
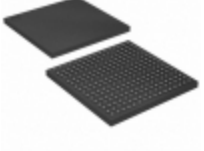
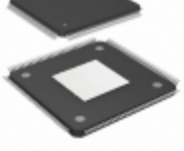
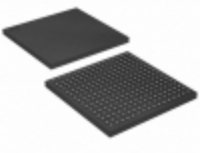
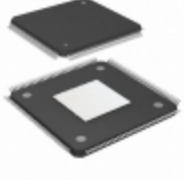
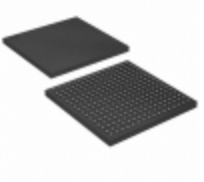
Specifications of EP3C16E144I7

PART NUMBER	EP3C16E144I7
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC FPGA 84 I/O 144EQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.EP3C16E144I7.pdf2.EP3C16E144I7.pdf3.EP3C16E144I7.pdf4.EP3C16E144I7.pdf5.EP3C16E144I7.pdf6.EP3C16E144I7.pdf7.EP3C16E144I7.pdf8.EP3C16E144I7.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
OPERATING TEMPERATURE	-40°C ~ 100°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)
MANUFACTURER STANDARD LEAD TIME	20 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
BASE PART NUMBER	EP3C16

Related Tags

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Related Products

 EP3C16E144C8 Manufacturers: Intel® FPGAs Description: IC FPGA 84 I/O 144EQFP In stock: 120 pcs RFQ	 EP3C16E144C7 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 84 I/O 144EQFP In stock: Out stock RFQ
 EP3C16F256C6N Manufacturers: Intel® FPGAs Description: IC FPGA 168 I/O 256FBGA In stock: Out stock RFQ	 EP3C16F256C6 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 168 I/O 256FBGA In stock: Out stock RFQ
 EP3C16E144I7N Manufacturers: Intel® FPGAs Description: IC FPGA 84 I/O 144EQFP In stock: 104 pcs RFQ	 EP3C16E144C8N Manufacturers: Intel® FPGAs Description: IC FPGA 84 I/O 144EQFP In stock: 47 pcs RFQ
 EP3C16F256A7N Manufacturers: Intel® FPGAs Description: IC FPGA 168 I/O 256FBGA In stock: Out stock RFQ	 EP3C16E144C7N Manufacturers: Intel® FPGAs Description: IC FPGA 84 I/O 144EQFP In stock: 113 pcs RFQ
 EP3C120F780I7N Manufacturers: Intel® FPGAs Description: IC FPGA 531 I/O 780FBGA In stock: 57 pcs RFQ	 EP3C16F256C7 Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC FPGA 168 I/O 256FBGA In stock: Out stock RFQ
 EP3C16E144A7N Manufacturers: Intel® FPGAs Description: IC FPGA 84 I/O 144EQFP In stock: Out stock RFQ	 EP3C16F256C7N Manufacturers: Intel® FPGAs Description: IC FPGA 168 I/O 256FBGA In stock: Out stock RFQ