


## EP3C16E144C8

Part Number:	EP3C16E144C8
Manufacturer/Brand:	Intel® FPGAs
Product description:	IC FPGA 84 I/O 144EQFP <a href="#">PDF</a> 1.EP3C16E144C8.pdf <a href="#">PDF</a> 2.EP3C16E144C8.pdf <a href="#">PDF</a> 3.EP3C16E144C8.pdf <a href="#">PDF</a> 4.EP3C16E144C8.pdf <a href="#">PDF</a> 5.EP3C16E144C8.pdf <a href="#">PDF</a> 6.EP3C16E144C8.pdf <a href="#">PDF</a> 7.EP3C16E144C8.pdf <a href="#">PDF</a> 8.EP3C16E144C8.pdf
Datasheets:	
RoHS Status:	 Contains lead / RoHS non-compliant
Ship From:	Hong Kong

**REQUEST FOR QUOTATION** /Fedex/TNT/UPS/EMS

Image may be representation. See specifications for product details.

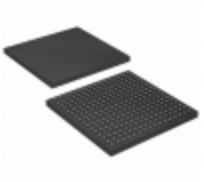
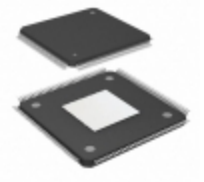
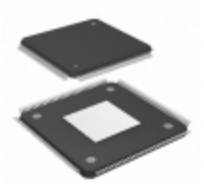
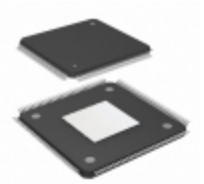
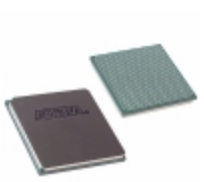
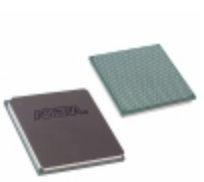
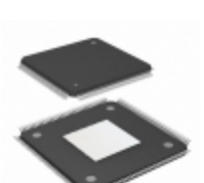
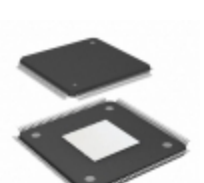
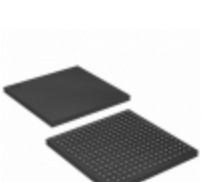
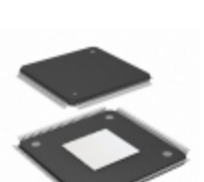

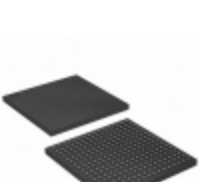
### Specifications of EP3C16E144C8

PART NUMBER	EP3C16E144C8
MANUFACTURER	Intel® FPGAs
DESCRIPTION	IC FPGA 84 I/O 144EQFP
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DATA SHEET	<a href="#">PDF</a> 1.EP3C16E144C8.pdf <a href="#">PDF</a> 2.EP3C16E144C8.pdf <a href="#">PDF</a> 3.EP3C16E144C8.pdf <a href="#">PDF</a> 4.EP3C16E144C8.pdf <a href="#">PDF</a> 5.EP3C16E144C8.pdf <a href="#">PDF</a> 6.EP3C16E144C8.pdf <a href="#">PDF</a> 7.EP3C16E144C8.pdf <a href="#">PDF</a> 8.EP3C16E144C8.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	544-2540
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)
MANUFACTURER STANDARD LEAD TIME	20 Weeks
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
BASE PART NUMBER	EP3C16

### Related Tags

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### Related Products

 <p><b>EP3C16F256C6N</b>                  Manufacturers: Intel® FPGAs                  Description: IC FPGA 168 I/O 256FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>EP3C16E144I7</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 84 I/O 144EQFP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>EP3C16E144A7N</b>                  Manufacturers: Intel® FPGAs                  Description: IC FPGA 84 I/O 144EQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>EP3C16E144C7N</b>                  Manufacturers: Intel® FPGAs                  Description: IC FPGA 84 I/O 144EQFP                  In stock: 113 pcs  <a href="#">RFQ</a></p>
 <p><b>EP3C120F780C8N</b>                  Manufacturers: Intel® FPGAs                  Description: IC FPGA 531 I/O 780FBGA                  In stock: 57 pcs  <a href="#">RFQ</a></p>	 <p><b>EP3C120F780I7N</b>                  Manufacturers: Intel® FPGAs                  Description: IC FPGA 531 I/O 780FBGA                  In stock: 57 pcs  <a href="#">RFQ</a></p>
 <p><b>EP3C16E144C7</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 84 I/O 144EQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>EP3C16E144C8N</b>                  Manufacturers: Intel® FPGAs                  Description: IC FPGA 84 I/O 144EQFP                  In stock: 47 pcs  <a href="#">RFQ</a></p>
 <p><b>EP3C16F256A7N</b>                  Manufacturers: Intel® FPGAs                  Description: IC FPGA 168 I/O 256FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>EP3C16E144I7N</b>                  Manufacturers: Intel® FPGAs                  Description: IC FPGA 84 I/O 144EQFP                  In stock: 104 pcs  <a href="#">RFQ</a></p>
 <p><b>EP3C120F780I7</b>                  Manufacturers: Intel® FPGAs                  Description: IC FPGA 531 I/O 780FBGA                  In stock: 33 pcs  <a href="#">RFQ</a></p>	 <p><b>EP3C16F256C6</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC FPGA 168 I/O 256FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>