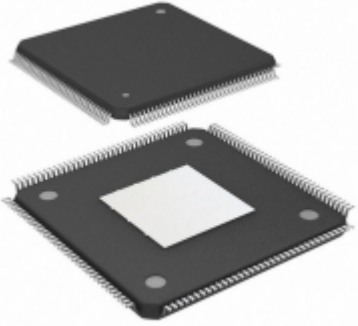


EP3C5E144C7N



Images are for reference only.
See Product Specifications for product details.
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Part Number: EP3C5E144C7N

Manufacturer: Altera (Intel® Programmable Solutions Group)

Description: IC FPGA 94 I/O 144EQFP

- 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

Ship From: Hong Kong

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PRODUCT PARAMETER

| | |
|----------------------------------|--|
| Part Number | EP3C5E144C7N |
| Manufacturer | Altera (Intel® Programmable Solutions Group) |
| Description | IC FPGA 94 I/O 144EQFP |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Quantity Available | 5750 pcs |
| Product Photo | EP3C5E144C7N.jpg |
| Category | Integrated Circuits (ICs) |
| Voltage - Supply | 1.15 V ~ 1.25 V |
| Total RAM Bits | 423936 |
| Supplier Device Package | 144-EQFP (20x20) |
| Series | Cyclone® III |
| Package / Case | 144-LQFP Exposed Pad |
| Other Names | 544-2429 EP3C5E144C7N-ND |
| Operating Temperature | 0°C ~ 85°C (TJ) |
| Number of Logic Elements/Cells | 5136 |
| Number of LABs/CLBs | 321 |
| Number of I/O | 94 |
| Mounting Type | Surface Mount |
| Moisture Sensitivity Level (MSL) | 3 (168 Hours) |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Base Part Number | EP3C5 |

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