



Intel® FPGAs



EPM570ZM144C6N

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EPM570ZM144C6N                                                                                               |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                 |
| Product description | IC CPLD 440MC 9NS 144MBGA                                                                                    |
|                     |  1.EPM570ZM144C6N.pdf       |
|                     |  2.EPM570ZM144C6N.pdf       |
|                     |  3.EPM570ZM144C6N.pdf       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

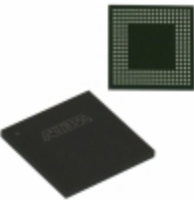
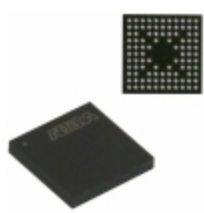
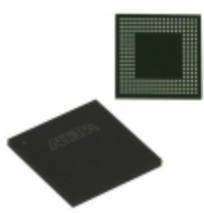
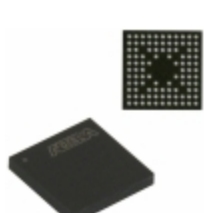
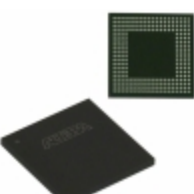
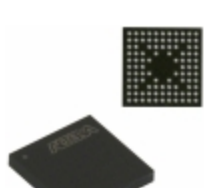
Specifications of EPM570ZM144C6N

|                                  |                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EPM570ZM144C6N                                                                                                                                                                                                                                                                                                                   |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                     |
| DESCRIPTION                      | IC CPLD 440MC 9NS 144MBGA                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                       |
| DATA SHEET                       |  1.EPM570ZM144C6N.pdf<br> 2.EPM570ZM144C6N.pdf<br> 3.EPM570ZM144C6N.pdf |
| VOLTAGE SUPPLY - INTERNAL        | 1.71 V ~ 1.89 V                                                                                                                                                                                                                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 144-MBGA (7x7)                                                                                                                                                                                                                                                                                                                   |
| SERIES                           | MAX® II                                                                                                                                                                                                                                                                                                                          |
| PROGRAMMABLE TYPE                | In System Programmable                                                                                                                                                                                                                                                                                                           |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                             |
| PACKAGE / CASE                   | 144-TFBGA                                                                                                                                                                                                                                                                                                                        |
| OTHER NAMES                      | 544-2451                                                                                                                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                  |
| NUMBER OF MACROCELLS             | 440                                                                                                                                                                                                                                                                                                                              |
| NUMBER OF LOGIC ELEMENTS/BLOCKS  | 570                                                                                                                                                                                                                                                                                                                              |
| NUMBER OF I/O                    | 116                                                                                                                                                                                                                                                                                                                              |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                    |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                                                                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                       |
| DELAY TIME TPD(1) MAX            | 9.0ns                                                                                                                                                                                                                                                                                                                            |
| BASE PART NUMBER                 | EPM570                                                                                                                                                                                                                                                                                                                           |

Related Tags

|                              |                                   |                                 |
|------------------------------|-----------------------------------|---------------------------------|
| Intel® FPGAs EPM570ZM144C6N  | EPM570ZM144C6N Distributor        | EPM570ZM144C6N Supplier         |
| EPM570ZM144C6N Price         | EPM570ZM144C6N Pictures           | EPM570ZM144C6N Image            |
| EPM570ZM144C6N PDF Datasheet | EPM570ZM144C6N Download Datasheet | EPM570ZM144C6N Datasheet        |
| EPM570ZM144C6N Stock         | Buy EPM570ZM144C6N                | Buy Intel® FPGAs EPM570ZM144C6N |
| Intel® FPGAs EPM570ZM144C6N  | Intel® FPGAs Supplier             | Intel® FPGAs Distributor        |
| Intel® FPGAs EPM570ZM144C6N  |                                   |                                 |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>EPM570ZM144I8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC CPLD 440MC 9NS 144MBGA<br/>In stock: Out stock<br/>RFQ</div>                                |  <div><b>EPM570ZM256C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC CPLD 440MC 9NS 256MBGA<br/>In stock: Out stock<br/>RFQ</div>                               |
|  <div><b>EPM570ZM100I8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC CPLD 440MC 9NS 100MBGA<br/>In stock: Out stock<br/>RFQ</div>                                |  <div><b>EPM570T144I5N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC CPLD 440MC 5.4NS 144TQFP<br/>In stock: 63 pcs<br/>RFQ</div> |
|  <div><b>EPM570ZM256I8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC CPLD 440MC 9NS 256MBGA<br/>In stock: Out stock<br/>RFQ</div>                                |  <div><b>EPM570ZM144C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC CPLD 440MC 9NS 144MBGA<br/>In stock: Out stock<br/>RFQ</div>                               |
|  <div><b>EPM570T144C5N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC CPLD 440MC 5.4NS 144TQFP<br/>In stock: 191 pcs<br/>RFQ</div> |  <div><b>EPM570T144I5</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC CPLD 440MC 5.4NS 144TQFP<br/>In stock: Out stock<br/>RFQ</div>                               |
|  <div><b>EPM570ZM100C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC CPLD 440MC 9NS 100MBGA<br/>In stock: Out stock<br/>RFQ</div>                                |  <div><b>EPM570ZM256C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC CPLD 440MC 9NS 256MBGA<br/>In stock: Out stock<br/>RFQ</div>                               |
|  <div><b>EPM570ZM100C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC CPLD 440MC 9NS 100MBGA<br/>In stock: Out stock<br/>RFQ</div>                                |  <div><b>EPM60B325</b><br/>Manufacturers: EasyBraid Co.<br/>Description: BENT SHARP 30 DEGREE 0.4MM<br/>In stock: Out stock<br/>RFQ</div>                                  |

