



Altera (Intel® Programmable Solutions Group)

Solutions Group)



5M1270ZT144A5N

Part Number:

5M1270ZT144A5N

Manufacturer/Brand:

Altera (Intel® Programmable Solutions Group)

Product description

IC CPLD 980MC 6.2NS 144TQFP

Datasheets:

 1.5M1270ZT144A5N.pdf

 2.5M1270ZT144A5N.pdf

RoHs Status

 Vendor undefined / 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.

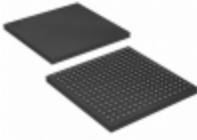
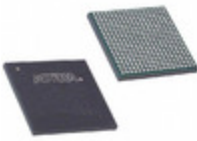
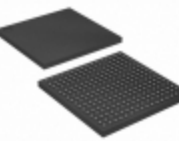
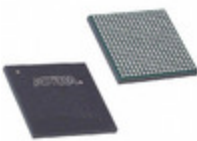
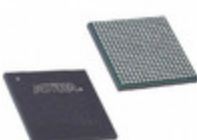
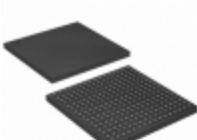
Specifications of 5M1270ZT144A5N

|                                  |                                                                                                                                                                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5M1270ZT144A5N                                                                                                                                                                                                                          |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                            |
| DESCRIPTION                      | IC CPLD 980MC 6.2NS 144TQFP                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Vendor undefined / RoHS Compliant                                                                                                                                                                                                       |
| DATA SHEET                       | <div> 1.5M1270ZT144A5N.pdf</div> <div> 2.5M1270ZT144A5N.pdf</div> |
| VOLTAGE SUPPLY - INTERNAL        | 1.71 V ~ 1.89 V                                                                                                                                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 144-TQFP (20x20)                                                                                                                                                                                                                        |
| SERIES                           | MAX® V                                                                                                                                                                                                                                  |
| PROGRAMMABLE TYPE                | In System Programmable                                                                                                                                                                                                                  |
| PACKAGING                        | Tray                                                                                                                                                                                                                                    |
| PACKAGE / CASE                   | 144-LQFP                                                                                                                                                                                                                                |
| OTHER NAMES                      | 544-3176<br>5M1270ZT144A5N-ND                                                                                                                                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                                                                                                                                                      |
| NUMBER OF MACROCELLS             | 980                                                                                                                                                                                                                                     |
| NUMBER OF LOGIC ELEMENTS/BLOCKS  | 1270                                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 114                                                                                                                                                                                                                                     |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                           |
| MANUFACTURER STANDARD LEAD TIME  | 22 Weeks                                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Vendor undefined / RoHS Compliant                                                                                                                                                                                                       |
| DELAY TIME TPD(1) MAX            | 6.2ns                                                                                                                                                                                                                                   |
| BASE PART NUMBER                 | 5M1270                                                                                                                                                                                                                                  |

Related Tags

|                                                             |                                                       |                                                                 |
|-------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) 5M1270ZT144A5N | 5M1270ZT144A5N Distributor                            | 5M1270ZT144A5N Supplier                                         |
| 5M1270ZT144A5N Price                                        | 5M1270ZT144A5N Pictures                               | 5M1270ZT144A5N Image                                            |
| 5M1270ZT144A5N PDF Datasheet                                | 5M1270ZT144A5N Download Datasheet                     | 5M1270ZT144A5N Datasheet                                        |
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Related Products

|                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>5M1270ZF256I5N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC CPLD 980MC 6.2NS 256FBGA<br/>In stock: 90 pcs</div> <div>RFQ</div>    | <div></div> <div><b>5M1270ZT144I5</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC CPLD 980MC 6.2NS 144TQFP<br/>In stock: Out stock</div> <div>RFQ</div>                                  |
| <div></div> <div><b>5M1270ZF324I5N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC CPLD 980MC 6.2NS 324FBGA<br/>In stock: 84 pcs</div> <div>RFQ</div>    | <div></div> <div><b>5M1270ZF256C5N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC CPLD 980MC 6.2NS 256FBGA<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>5M1270ZF324C5N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC CPLD 980MC 6.2NS 324FBGA<br/>In stock: 84 pcs</div> <div>RFQ</div>    | <div></div> <div><b>5M1510</b><br/>Manufacturers: Staco Energy Products Co.<br/>Description: MOTORIZED VRBLE TRANSF 140V 15A<br/>In stock: Out stock</div> <div>RFQ</div>                        |
| <div></div> <div><b>5M1270ZT144I5N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC CPLD 980MC 6.2NS 144TQFP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>5M1270ZT144C4N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC CPLD 980MC 6.2NS 144TQFP<br/>In stock: 104 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>5M1270ZF324C4N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC CPLD 980MC 6.2NS 324FBGA<br/>In stock: 91 pcs</div> <div>RFQ</div>    | <div></div> <div><b>5M1510-2</b><br/>Manufacturers: Staco Energy Products Co.<br/>Description: MOTORIZED VRBLE TRANSF 280V 15A<br/>In stock: Out stock</div> <div>RFQ</div>                      |
| <div></div> <div><b>5M1270ZF256C4N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC CPLD 980MC 6.2NS 256FBGA<br/>In stock: 87 pcs</div> <div>RFQ</div>    | <div></div> <div><b>5M1270ZT144C5N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC CPLD 980MC 6.2NS 144TQFP<br/>In stock: 320 pcs</div> <div>RFQ</div>   |