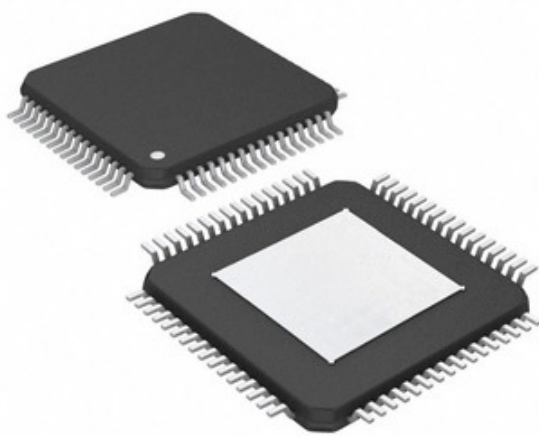




Altera (Intel® Programmable

Solutions Group)



5M160ZE64A5N

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5M160ZE64A5N                                                                                                 |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                 |
| Product description | IC CPLD 128MC 7.5NS 64EQFP                                                                                   |
| Datasheets:         |  1.5M160ZE64A5N.pdf         |
|                     |  2.5M160ZE64A5N.pdf         |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 19220 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

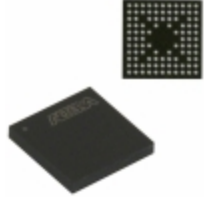
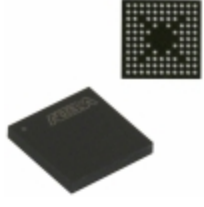
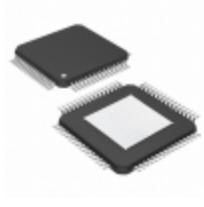
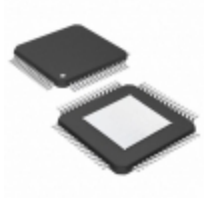
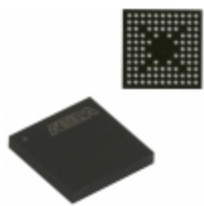
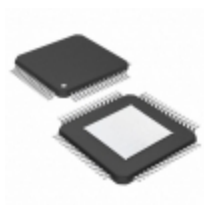
Specifications of 5M160ZE64A5N

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5M160ZE64A5N                                                                                           |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                           |
| DESCRIPTION                      | IC CPLD 128MC 7.5NS 64EQFP                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 19220 pcs                                                                                              |
| DATA SHEET                       |  1.5M160ZE64A5N.pdf |
|                                  |  2.5M160ZE64A5N.pdf |
| VOLTAGE SUPPLY - INTERNAL        | 1.71 V ~ 1.89 V                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 64-EQFP (7x7)                                                                                          |
| SERIES                           | MAX® V                                                                                                 |
| PROGRAMMABLE TYPE                | In System Programmable                                                                                 |
| PACKAGING                        | Tray                                                                                                   |
| PACKAGE / CASE                   | 64-TQFP Exposed Pad                                                                                    |
| OTHER NAMES                      | 544-3236<br>5M160ZE64A5N-ND                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                     |
| NUMBER OF MACROCELLS             | 128                                                                                                    |
| NUMBER OF LOGIC ELEMENTS/BLOCKS  | 160                                                                                                    |
| NUMBER OF I/O                    | 54                                                                                                     |
| MOUNTING TYPE                    | Surface Mount                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| DELAY TIME TPD(1) MAX            | 7.5ns                                                                                                  |
| BASE PART NUMBER                 | 5M160Z                                                                                                 |

Related Tags

|                                                              |                                                       |                                                                  |
|--------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group)<br>5M160ZE64A5N | 5M160ZE64A5N Distributor                              | 5M160ZE64A5N Supplier                                            |
| 5M160ZE64A5N Price                                           | 5M160ZE64A5N Pictures                                 | 5M160ZE64A5N Image                                               |
| 5M160ZE64A5N PDF Datasheet                                   | 5M160ZE64A5N Download Datasheet                       | 5M160ZE64A5N Datasheet                                           |
| 5M160ZE64A5N Stock                                           | Buy 5M160ZE64A5N                                      | Buy Altera (Intel® Programmable Solutions Group)<br>5M160ZE64A5N |
| Altera (Intel® Programmable Solutions Group)<br>5M160ZE64A5N | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor         |
| Altera (Intel® Programmable Solutions Group)<br>5M160ZE64A5N | Altera 5M160ZE64A5N                                   | Altera (Intel® Programmable Solutions Group)<br>5M160ZE64A5N     |

Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>5M160ZM100C5N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC CPLD 128MC 7.5NS 100MBGA<br/>In stock: 19495 pcs<br/>RFQ</div> | <div></div> <div><b>5M160ZM100C4N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC CPLD 128MC 7.5NS 100MBGA<br/>In stock: 17973 pcs<br/>RFQ</div>                               |
| <div></div> <div><b>5M1520-2</b><br/>Manufacturers: Staco Energy Products Co.<br/>Description: MOTORIZED VRBLE TRANSF 560V 9.5A<br/>In stock: 41 pcs<br/>RFQ</div>                       | <div></div> <div><b>5M1520CT-2</b><br/>Manufacturers: Staco Energy Products Co.<br/>Description: MOTORIZED VRBLE TRANSF 560V 9.5A<br/>In stock: 32 pcs<br/>RFQ</div>                   |
| <div></div> <div><b>5M160ZE64C5N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC CPLD 128MC 7.5NS 64EQFP<br/>In stock: 31235 pcs<br/>RFQ</div>   | <div></div> <div><b>5M160ZE64C4N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC CPLD 128MC 7.5NS 64EQFP<br/>In stock: 20826 pcs<br/>RFQ</div> |
| <div></div> <div><b>5M160ZM100I5N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC CPLD 128MC 7.5NS 100MBGA<br/>In stock: 15884 pcs<br/>RFQ</div>                                 | <div></div> <div><b>5M1520CT</b><br/>Manufacturers: Staco Energy Products Co.<br/>Description: MOTORIZED VRBLE TRANSF 280V 9.5A<br/>In stock: 41 pcs<br/>RFQ</div>                     |
| <div></div> <div><b>5M1520CT-3</b><br/>Manufacturers: Staco Energy Products Co.<br/>Description: MOTORIZED VRBLE TRANSF 560V 9.5A<br/>In stock: 28 pcs<br/>RFQ</div>                     | <div></div> <div><b>5M1520-3</b><br/>Manufacturers: Staco Energy Products Co.<br/>Description: MOTORIZED VRBLE TRANSF 560V 9.5A<br/>In stock: 31 pcs<br/>RFQ</div>                     |
| <div></div> <div><b>5M160ZE64I5N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC CPLD 128MC 7.5NS 64EQFP<br/>In stock: 21125 pcs<br/>RFQ</div>   | <div></div> <div><b>5M1520</b><br/>Manufacturers: Staco Energy Products Co.<br/>Description: MOTORIZED VRBLE TRANSF 280V 9.5A<br/>In stock: 64 pcs<br/>RFQ</div>                       |