



Lattice Semiconductor



LC5512MC-75FN256C

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | LC5512MC-75FN256C                                                                                            |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                        |
| Product description | IC CPLD 512MC 7.5NS 256FBGA                                                                                  |
|                     |  1.LC5512MC-75FN256C.pdf    |
|                     |  2.LC5512MC-75FN256C.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.

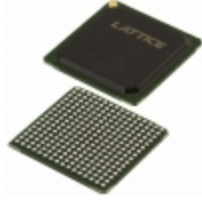
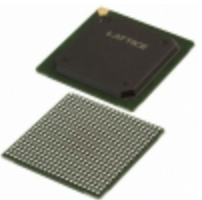
Specifications of LC5512MC-75FN256C

|                                  |                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LC5512MC-75FN256C                                                                                                                                                                                                          |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                      |
| DESCRIPTION                      | IC CPLD 512MC 7.5NS 256FBGA                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| DATA SHEET                       |  1.LC5512MC-75FN256C.pdf<br> 2.LC5512MC-75FN256C.pdf |
| VOLTAGE SUPPLY - INTERNAL        | 1.65 V ~ 1.95 V                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 256-FPBGA (17x17)                                                                                                                                                                                                          |
| SERIES                           | ispXPLD® 5000MC                                                                                                                                                                                                            |
| PROGRAMMABLE TYPE                | In System Programmable                                                                                                                                                                                                     |
| PACKAGING                        | Tray                                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 256-BGA                                                                                                                                                                                                                    |
| OPERATING TEMPERATURE            | 0°C ~ 90°C (TJ)                                                                                                                                                                                                            |
| NUMBER OF MACROCELLS             | 512                                                                                                                                                                                                                        |
| NUMBER OF LOGIC ELEMENTS/BLOCKS  | 16                                                                                                                                                                                                                         |
| NUMBER OF I/O                    | 193                                                                                                                                                                                                                        |
| 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                 | LC5512                                                                                                                                                                                                                     |

Related Tags

|                                         |                                                     |                                             |
|-----------------------------------------|-----------------------------------------------------|---------------------------------------------|
| Lattice Semiconductor LC5512MC-75FN256C | LC5512MC-75FN256C Distributor                       | LC5512MC-75FN256C Supplier                  |
| LC5512MC-75FN256C Price                 | LC5512MC-75FN256C Pictures                          | LC5512MC-75FN256C Image                     |
| LC5512MC-75FN256C PDF Datasheet         | LC5512MC-75FN256C Download Datasheet                | LC5512MC-75FN256C Datasheet                 |
| LC5512MC-75FN256C Stock                 | Buy LC5512MC-75FN256C                               | Buy Lattice Semiconductor LC5512MC-75FN256C |
| Lattice Semiconductor LC5512MC-75FN256C | Lattice Semiconductor Supplier                      | Lattice Semiconductor Distributor           |
| Lattice Semiconductor LC5512MC-75FN256C | Lattice Semiconductor Corporation LC5512MC-75FN256C |                                             |

Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>LC5512MB-75F256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 7.5NS 256FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>LC5512MB-75FN256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 7.5NS 256FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>LC5512MV-45F256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 4.5NS 256FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>LC5512MC-75FN484C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 7.5NS 484FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>LC5512MC-75QN208I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 7.5NS 208QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>LC5512MC-75Q208C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 7.5NS 208QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>LC5512MC-75F484I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 7.5NS 484FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>LC5512MB-75FN256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 7.5NS 256FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>LC5512MB-45FN256C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 4.5NS 256FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>LC5512MC-75QN208C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 7.5NS 208QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>LC5512MB-75F256I</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 7.5NS 256FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>LC5512MV-45F484C</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 4.5NS 484FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |