



Lattice Semiconductor



M5LV-512/120-7YI

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | M5LV-512/120-7YI                                                                                                     |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                                |
| Product description | IC CPLD 512MC 7.5NS 160QFP                                                                                           |
| Datasheets:         |  1.M5LV-512/120-7YI.pdf             |
|                     |  2.M5LV-512/120-7YI.pdf             |
|                     |  3.M5LV-512/120-7YI.pdf             |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 3079 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of M5LV-512/120-7YI

|                                  |                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | M5LV-512/120-7YI                                                                                                                                                                                                                                                                                                                       |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                                                                                                                                  |
| DESCRIPTION                      | IC CPLD 512MC 7.5NS 160QFP                                                                                                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                     |
| QUANTITY AVAILABLE               | 3079 pcs                                                                                                                                                                                                                                                                                                                               |
| DATA SHEET                       |  1.M5LV-512/120-7YI.pdf<br> 2.M5LV-512/120-7YI.pdf<br> 3.M5LV-512/120-7YI.pdf |
| VOLTAGE SUPPLY - INTERNAL        | 3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 160-PQFP (28x28)                                                                                                                                                                                                                                                                                                                       |
| SERIES                           | MACH® 5                                                                                                                                                                                                                                                                                                                                |
| PROGRAMMABLE TYPE                | In System Programmable                                                                                                                                                                                                                                                                                                                 |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 160-BQFP                                                                                                                                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                      |
| NUMBER OF MACROCELLS             | 512                                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 120                                                                                                                                                                                                                                                                                                                                    |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                     |
| DELAY TIME TPD(1) MAX            | 7.5ns                                                                                                                                                                                                                                                                                                                                  |
| BASE PART NUMBER                 | M5LV-512                                                                                                                                                                                                                                                                                                                               |

Related Tags

|                                        |                                                    |                                            |
|----------------------------------------|----------------------------------------------------|--------------------------------------------|
| Lattice Semiconductor M5LV-512/120-7YI | M5LV-512/120-7YI Distributor                       | M5LV-512/120-7YI Supplier                  |
| M5LV-512/120-7YI Price                 | M5LV-512/120-7YI Pictures                          | M5LV-512/120-7YI Image                     |
| M5LV-512/120-7YI PDF Datasheet         | M5LV-512/120-7YI Download Datasheet                | M5LV-512/120-7YI Datasheet                 |
| M5LV-512/120-7YI Stock                 | Buy M5LV-512/120-7YI                               | Buy Lattice Semiconductor M5LV-512/120-7YI |
| Lattice Semiconductor M5LV-512/120-7YI | Lattice Semiconductor Supplier                     | Lattice Semiconductor Distributor          |
| Lattice Semiconductor M5LV-512/120-7YI | Lattice Semiconductor Corporation M5LV-512/120-7YI |                                            |

Related Products

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>M5LV-512/160-15YI</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 15NS 208QFP<br/>In stock: 6258 pcs<br/>RFQ</div> |  <div><b>M5LV-512/120-7YC</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 7.5NS 160QFP<br/>In stock: 5397 pcs<br/>RFQ</div> |
|  <div><b>M5LV-512/160-10YI</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 10NS 208QFP<br/>In stock: 5860 pcs<br/>RFQ</div> |  <div><b>M5LV-512/160-10YC</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 10NS 208QFP<br/>In stock: 5499 pcs<br/>RFQ</div> |
|  <div><b>M5LV-512/160-12YI</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 12NS 208QFP<br/>In stock: 3563 pcs<br/>RFQ</div> |  <div><b>M5LV-512/120-15YI</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 15NS 160QFP<br/>In stock: 5444 pcs<br/>RFQ</div> |
|  <div><b>M5LV-512/160-12YC</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 12NS 208QFP<br/>In stock: 5730 pcs<br/>RFQ</div> |  <div><b>M5LV-512/120-20YI</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 20NS 160QFP<br/>In stock: 4925 pcs<br/>RFQ</div> |
|  <div><b>M5LV-512/120-15YC</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 15NS 160QFP<br/>In stock: 4038 pcs<br/>RFQ</div> |  <div><b>M5LV-512/160-15YC</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 15NS 208QFP<br/>In stock: 4890 pcs<br/>RFQ</div> |
|  <div><b>M5LV-512/120-6YC</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 6.5NS 160QFP<br/>In stock: 4896 pcs<br/>RFQ</div> |  <div><b>M5LV-512/120-12YI</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 512MC 12NS 160QFP<br/>In stock: 2735 pcs<br/>RFQ</div> |