



Lattice Semiconductor



### M5-384/160-10YC

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | M5-384/160-10YC                                                                                                      |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                                |
| Product description | IC CPLD 384MC 10NS 208QFP                                                                                            |
|                     |  1.M5-384/160-10YC.pdf              |
|                     |  2.M5-384/160-10YC.pdf              |
|                     |  3.M5-384/160-10YC.pdf              |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 7012 pcs stock                                                                                                       |
| 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 M5-384/160-10YC

|                                  |                                                                                                                                                                                                                                                                                                                                     |
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| PART NUMBER                      | M5-384/160-10YC                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                                                                                                                               |
| DESCRIPTION                      | IC CPLD 384MC 10NS 208QFP                                                                                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                  |
| QUANTITY AVAILABLE               | 7012 pcs                                                                                                                                                                                                                                                                                                                            |
| DATA SHEET                       |  1.M5-384/160-10YC.pdf<br> 2.M5-384/160-10YC.pdf<br> 3.M5-384/160-10YC.pdf |
| VOLTAGE SUPPLY - INTERNAL        | 4.75 V ~ 5.25 V                                                                                                                                                                                                                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 208-PQFP (28x28)                                                                                                                                                                                                                                                                                                                    |
| SERIES                           | MACH® 5                                                                                                                                                                                                                                                                                                                             |
| PROGRAMMABLE TYPE                | In System Programmable                                                                                                                                                                                                                                                                                                              |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 208-BFQFP                                                                                                                                                                                                                                                                                                                           |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                                                                                                                                                                                                                                                     |
| NUMBER OF MACROCELLS             | 384                                                                                                                                                                                                                                                                                                                                 |
| NUMBER OF I/O                    | 160                                                                                                                                                                                                                                                                                                                                 |
| 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            | 10.0ns                                                                                                                                                                                                                                                                                                                              |
| BASE PART NUMBER                 | M5-384                                                                                                                                                                                                                                                                                                                              |

#### Related Tags

|                                       |                                                   |                                           |
|---------------------------------------|---------------------------------------------------|-------------------------------------------|
| Lattice Semiconductor M5-384/160-10YC | M5-384/160-10YC Distributor                       | M5-384/160-10YC Supplier                  |
| M5-384/160-10YC Price                 | M5-384/160-10YC Pictures                          | M5-384/160-10YC Image                     |
| M5-384/160-10YC PDF Datasheet         | M5-384/160-10YC Download Datasheet                | M5-384/160-10YC Datasheet                 |
| M5-384/160-10YC Stock                 | Buy M5-384/160-10YC                               | Buy Lattice Semiconductor M5-384/160-10YC |
| Lattice Semiconductor M5-384/160-10YC | Lattice Semiconductor Supplier                    | Lattice Semiconductor Distributor         |
| Lattice Semiconductor M5-384/160-10YC | Lattice Semiconductor Corporation M5-384/160-10YC |                                           |

#### Related Products

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|  <div><b>M5-384/160-12YC</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 384MC 12NS 208QFP<br/>In stock: 3491 pcs<br/>RFQ</div>   |  <div><b>M5-384/160-12YI</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 384MC 12NS 208QFP<br/>In stock: 4339 pcs<br/>RFQ</div>   |
|  <div><b>M5-320/192-15SAC</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 320MC 15NS 256SBGA<br/>In stock: 5425 pcs<br/>RFQ</div> |  <div><b>M5-320/192-20SAI</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 320MC 20NS 256SBGA<br/>In stock: 5653 pcs<br/>RFQ</div> |
|  <div><b>M5-384/160-10YI</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 384MC 10NS 208QFP<br/>In stock: 6667 pcs<br/>RFQ</div>   |  <div><b>M5-320/192-15SAI</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 320MC 15NS 256SBGA<br/>In stock: 6093 pcs<br/>RFQ</div> |
|  <div><b>M5-384/160-20YI</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 384MC 20NS 208QFP<br/>In stock: 3722 pcs<br/>RFQ</div>   |  <div><b>M5-320/192-7SAI</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 320MC 7.5NS 256SBGA<br/>In stock: 5504 pcs<br/>RFQ</div> |
|  <div><b>M5-384/160-15YC</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 384MC 15NS 208QFP<br/>In stock: 4592 pcs<br/>RFQ</div>   |  <div><b>M5-320/192-7SAC</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 320MC 7.5NS 256SBGA<br/>In stock: 5839 pcs<br/>RFQ</div> |
|  <div><b>M5-384/160-15YI</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 384MC 15NS 208QFP<br/>In stock: 3340 pcs<br/>RFQ</div>   |  <div><b>M5-320/192-6SAC</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 320MC 6.5NS 256SBGA<br/>In stock: 6798 pcs<br/>RFQ</div> |