

M5LV-512/160-12YC



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**Part Number:** [M5LV-512/160-12YC](#)

**Manufacturer:** [Lattice Semiconductor](#)

**Description:** IC CPLD 512MC 12NS 208QFP

**Data sheet:**  [Package Diagrams](#)  
 [MACH 5 CPLD Family](#)  
 [Leaded Pkg PCB Layout Guide](#)

**RoHs Status:** Contains lead / RoHS non-compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                  |                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                              | M5LV-512/160-12YC                         | Manufacturer                     | <a href="#">Lattice Semiconductor</a>                                                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC CPLD 512MC 12NS 208QFP                 | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4458 pcs                                  | Data sheet                       | <a href="#">Package Diagrams</a><br><a href="#">MACH 5 CPLD Family</a><br><a href="#">Leaded Pkg PCB Layout Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage Supply - Internal        | 3 V ~ 3.6 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                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 512                                       | 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            | 12.0ns                                                                                                                |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                         | M5LV-512                                  |                                  |                                                                                                                       |
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|  | Part#: <a href="#">M5LV-512/160-15YC</a><br>Description: IC CPLD 512MC 15NS 208QFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M5LV-512/120-15YC</a><br>Description: IC CPLD 512MC 15NS 160QFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">M5LV-512/160-15YI</a><br>Description: IC CPLD 512MC 15NS 208QFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">M5LV-512/160-7YI</a><br>Description: IC CPLD 512MC 7.5NS 208QFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">M5LV-512/120-12YI</a><br>Description: IC CPLD 512MC 12NS 160QFP   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <a href="#">RFQ</a> |
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| Related keywords for <b>M5LV-512/160-12YC</b> |                                                     |                            |                         |
| Lattice Semiconductor M5LV-512/160-12YC       | M5LV-512/160-12YC distributor                       | M5LV-512/160-12YC supplier | M5LV-512/160-12YC price |
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