

M5LV-320/160-12YI



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Part Number: [M5LV-320/160-12YI](#)

Manufacturer: [Lattice Semiconductor](#)

Description: IC CPLD 320MC 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

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                  |                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                              | M5LV-320/160-12YI                         | Manufacturer                     | <a href="#">Lattice Semiconductor</a>                                                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC CPLD 320MC 12NS 208QFP                 | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5253 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            | -40°C ~ 85°C (TA)                                                                                                     |
| Number of Macrocells                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 320                                       | 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-320                                  |                                  |                                                                                                                       |
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|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">M5LV-384/120-10YC</a><br>Description: IC CPLD 384MC 10NS 160QFP | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M5LV-320/120-20YI</a><br>Description: IC CPLD 320MC 20NS 160QFP | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M5LV-320/160-7YC</a><br>Description: IC CPLD 320MC 7.5NS 208QFP | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M5LV-320/160-15YI</a><br>Description: IC CPLD 320MC 15NS 208QFP | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M5LV-320/120-6YC</a><br>Description: IC CPLD 320MC 6.5NS 160QFP | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M5LV-384/120-10YI</a><br>Description: IC CPLD 384MC 10NS 160QFP | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
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|-----------------------------------------------|-----------------------------------------------------|----------------------------|-------------------------|
| Related keywords for <b>M5LV-320/160-12YI</b> |                                                     |                            |                         |
| Lattice Semiconductor M5LV-320/160-12YI       | M5LV-320/160-12YI distributor                       | M5LV-320/160-12YI supplier | M5LV-320/160-12YI price |
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