





M5-128/68-7YI/1



Part Number: [M5-128/68-7YI/1](#)

Manufacturer: [Lattice Semiconductor](#)

Description: IC CPLD 128MC 7.5NS 100QFP

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

RoHs Status: Contains lead / RoHS non-compliant





















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See Product Specifications for product details.  
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| PRODUCT PARAMETER  |   |                                  |   |
|--|---|----------------------------------|---|
| Part Number  | M5-128/68-7YI/1                           | Manufacturer                     | <a href="#">Lattice Semiconductor</a>   |
| Description  | IC CPLD 128MC 7.5NS 100QFP                | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant  |
| Quantity Available   | 5802 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        | 4.5 V ~ 5.5 V   |
| Supplier Device Package  | 100-PQFP (20x14)                          | Series                           | MACH® 5   |
| Programmable Type  | In System Programmable                    | Packaging                        | Tray  |
| Package / Case   | 100-BQFP                                  | Operating Temperature            | -40°C ~ 85°C (TA)   |
| Number of Macrocells   | 128                                       | Number of I/O                    | 68  |
| 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   | M5-128                                    |                                  |   |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Lattice Semiconductor series electronic components. We have 5802 pieces of Lattice Semiconductor M5-128/68-7YI/1 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |   |                                  |   |

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|  | Part#: <a href="#">M5-192/120-12YI/1</a><br>Description: IC CPLD 192MC 12NS 160QFP | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M5-128/68-15YC/1</a><br>Description: IC CPLD 128MC 15NS 100QFP  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M5-192/120-7YC/1</a><br>Description: IC CPLD 192MC 7.5NS 160QFP | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M5-128/68-7YC/1</a><br>Description: IC CPLD 128MC 7.5NS 100QFP  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M5-192/120-15YI/1</a><br>Description: IC CPLD 192MC 15NS 160QFP | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">M5-128/68-20VI/1</a><br>Description: IC CPLD 128MC 20NS 100TQFP | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M5-128/68-7VI/1</a><br>Description: IC CPLD 128MC 7.5NS 100TQFP | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M5-192/120-10YC/1</a><br>Description: IC CPLD 192MC 10NS 160QFP | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M5-128/68-20YI/1</a><br>Description: IC CPLD 128MC 20NS 100QFP  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M5-192/120-7YI/1</a><br>Description: IC CPLD 192MC 7.5NS 160QFP | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M5-128/68-7VC/1</a><br>Description: IC CPLD 128MC 7.5NS 100TQFP | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M5-128/68-5VC/1</a><br>Description: IC CPLD 128MC 5.5NS 100TQFP | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
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