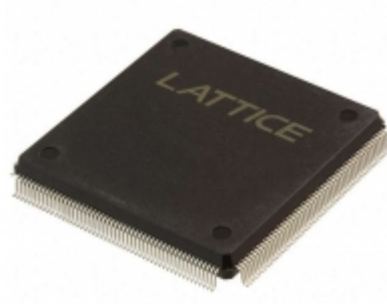


M4A3-512/160-12YI



Images are for reference only.  
See Product Specifications for product details.  
Buy M4A3-512/160-12YI with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation



Part Number: [M4A3-512/160-12YI](#)

Manufacturer: [Lattice Semiconductor](#)

Description: IC CPLD 512MC 12NS 208QFP

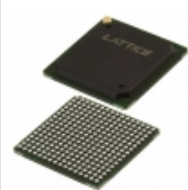
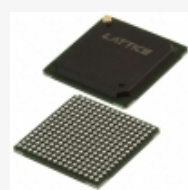
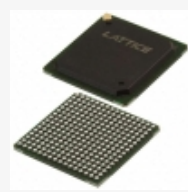
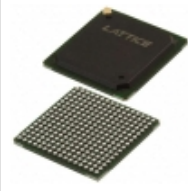
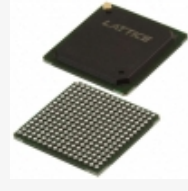
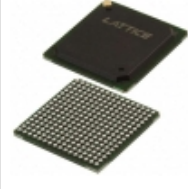
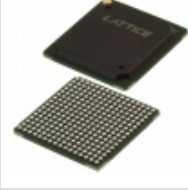
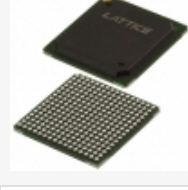
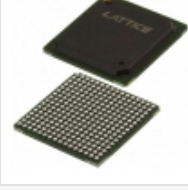
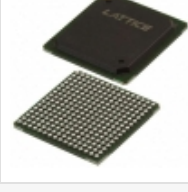
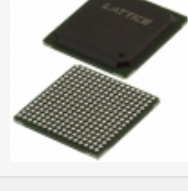
Data sheet:  [Package Diagrams](#)  
 [M4A ispMACH CPLD Family](#)  
 [Leaded Pkg PCB Layout Guide](#)

RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                  |                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                              | M4A3-512/160-12YI                         | Manufacturer                     | <a href="#">Lattice Semiconductor</a>                                                                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC CPLD 512MC 12NS 208QFP                 | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4426 pcs                                  | Data sheet                       | <a href="#">Package Diagrams</a><br><a href="#">M4A ispMACH 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                           | ispMACH® 4A                                                                                                                |
| Programmable Type                                                                                                                                                                                                                                                                                                                                                                                                                                                        | In System Programmable                    | Packaging                        | Tray                                                                                                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 208-BFQFP                                 | Operating Temperature            | -40°C ~ 85°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                                                                                                                                                                                                                                                                                                                                                                                                                                                         | M4A3-512                                  |                                  |                                                                                                                            |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Lattice Semiconductor series electronic components. We have 4426 pieces of Lattice Semiconductor M4A3-512/160-12YI 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> |                                           |                                  |                                                                                                                            |

| RELATED PRODUCTS                                                                   |                                                                                        |                                                      |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">M4A3-512/192-12FAI</a><br>Description: IC CPLD 512MC 12NS 256FBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M4A3-384/192-14FANI</a><br>Description: IC CPLD 384MC 14NS 256FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M4A3-512/160-12YC</a><br>Description: IC CPLD 512MC 12NS 208QFP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M4A3-512/192-10FAC</a><br>Description: IC CPLD 512MC 10NS 256FBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M4A3-384/192-12SAI</a><br>Description: IC CPLD 384MC 12NS 256SBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M4A3-512/160-7YC</a><br>Description: IC CPLD 512MC 7.5NS 208QFP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M4A3-512/192-10FANC</a><br>Description: IC CPLD 512MC 10NS 256FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M4A3-512/160-10YC</a><br>Description: IC CPLD 512MC 10NS 208QFP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M4A3-384/192-65SAC</a><br>Description: IC CPLD 384MC 6.5NS 256SBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M4A3-512/192-12FANC</a><br>Description: IC CPLD 512MC 12NS 256FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M4A3-512/192-12FAC</a><br>Description: IC CPLD 512MC 12NS 256FBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M4A3-512/160-14YI</a><br>Description: IC CPLD 512MC 14NS 208QFP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M4A3-512/192-10FANI</a><br>Description: IC CPLD 512MC 10NS 256FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M4A3-512/192-12FANI</a><br>Description: IC CPLD 512MC 12NS 256FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M4A3-384/192-14FAI</a><br>Description: IC CPLD 384MC 14NS 256FBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M4A3-384/192-14SAI</a><br>Description: IC CPLD 384MC 14NS 256SBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M4A3-384/192-65FANC</a><br>Description: IC CPLD 384MC 6.5NS 256FBGA | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M4A3-512/192-10FAI</a><br>Description: IC CPLD 512MC 10NS 256FBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M4A3-512/160-10YI</a><br>Description: IC CPLD 512MC 10NS 208QFP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M4A3-384/192-65FAC</a><br>Description: IC CPLD 384MC 6.5NS 256FBGA  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |

|                                               |                                                     |                            |                         |
|-----------------------------------------------|-----------------------------------------------------|----------------------------|-------------------------|
| Related keywords for <b>M4A3-512/160-12YI</b> |                                                     |                            |                         |
| Lattice Semiconductor M4A3-512/160-12YI       | M4A3-512/160-12YI distributor                       | M4A3-512/160-12YI supplier | M4A3-512/160-12YI price |
| M4A3-512/160-12YI download datasheet          | M4A3-512/160-12YI datasheet                         | M4A3-512/160-12YI stock    | buy M4A3-512/160-12YI   |
| Lattice Semiconductor M4A3-512/160-12YI       | Lattice Semiconductor Corporation M4A3-512/160-12YI |                            |                         |