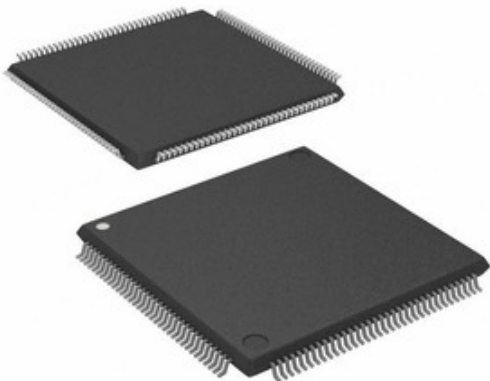




Lattice Semiconductor



M4A5-192/96-10VNC

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | M4A5-192/96-10VNC                                                                                            |
| Manufacturer/Brand: | Lattice Semiconductor                                                                                        |
| Product description | IC CPLD 192MC 10NS 144TQFP                                                                                   |
|                     |  1.M4A5-192/96-10VNC.pdf    |
|                     |  2.M4A5-192/96-10VNC.pdf    |
|                     |  3.M4A5-192/96-10VNC.pdf    |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of M4A5-192/96-10VNC

|                                  |                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | M4A5-192/96-10VNC                                                                                                                                                                                                                                                                                                                         |
| MANUFACTURER                     | Lattice Semiconductor                                                                                                                                                                                                                                                                                                                     |
| DESCRIPTION                      | IC CPLD 192MC 10NS 144TQFP                                                                                                                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                |
| DATA SHEET                       |  1.M4A5-192/96-10VNC.pdf<br> 2.M4A5-192/96-10VNC.pdf<br> 3.M4A5-192/96-10VNC.pdf |
| VOLTAGE SUPPLY - INTERNAL        | 4.75 V ~ 5.25 V                                                                                                                                                                                                                                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 144-TQFP (20x20)                                                                                                                                                                                                                                                                                                                          |
| SERIES                           | ispMACH® 4A                                                                                                                                                                                                                                                                                                                               |
| PROGRAMMABLE TYPE                | In System Programmable                                                                                                                                                                                                                                                                                                                    |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                      |
| PACKAGE / CASE                   | 144-LQFP                                                                                                                                                                                                                                                                                                                                  |
| OTHER NAMES                      | 220-1286<br>M4A5-192/96-10VNC-ND<br>M4A51929610VNC                                                                                                                                                                                                                                                                                        |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                                                                                                                                                                                                                                                           |
| NUMBER OF MACROCELLS             | 192                                                                                                                                                                                                                                                                                                                                       |
| NUMBER OF I/O                    | 96                                                                                                                                                                                                                                                                                                                                        |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                |
| DELAY TIME TPD(1) MAX            | 10.0ns                                                                                                                                                                                                                                                                                                                                    |
| BASE PART NUMBER                 | M4A5-192                                                                                                                                                                                                                                                                                                                                  |

Related Tags

|                                         |                                                     |                                             |
|-----------------------------------------|-----------------------------------------------------|---------------------------------------------|
| Lattice Semiconductor M4A5-192/96-10VNC | M4A5-192/96-10VNC Distributor                       | M4A5-192/96-10VNC Supplier                  |
| M4A5-192/96-10VNC Price                 | M4A5-192/96-10VNC Pictures                          | M4A5-192/96-10VNC Image                     |
| M4A5-192/96-10VNC PDF Datasheet         | M4A5-192/96-10VNC Download Datasheet                | M4A5-192/96-10VNC Datasheet                 |
| M4A5-192/96-10VNC Stock                 | Buy M4A5-192/96-10VNC                               | Buy Lattice Semiconductor M4A5-192/96-10VNC |
| Lattice Semiconductor M4A5-192/96-10VNC | Lattice Semiconductor Supplier                      | Lattice Semiconductor Distributor           |
| Lattice Semiconductor M4A5-192/96-10VNC | Lattice Semiconductor Corporation M4A5-192/96-10VNC |                                             |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>M4A5-192/96-6VC</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 192MC 6NS 144TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>M4A5-192/96-6VNC</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 192MC 6NS 144TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>M4A5-128/64-7YI</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 128MC 7.5NS 100QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>M4A5-192/96-12VI</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 192MC 12NS 144TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>M4A5-192/96-10VC</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 192MC 10NS 144TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>M4A5-128/64-7YNI</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 128MC 7.5NS 100QFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>M4A5-192/96-10VNI</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 192MC 10NS 144TQFP<br/>In stock: 421 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>M4A5-128/64-7YC</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 128MC 7.5NS 100QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>M4A5-192/96-12VNI</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 192MC 12NS 144TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>M4A5-128/64-7YNC</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 128MC 7.5NS 100QFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>M4A5-192/96-7VC</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 192MC 7.5NS 144TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>M4A5-192/96-10VI</b><br/>Manufacturers: Lattice Semiconductor<br/>Description: IC CPLD 192MC 10NS 144TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |