

MC68E360VR25VLR2



Part Number: [MC68E360VR25VLR2](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU M683XX 25MHZ 357BGA

Data sheet:  [MC68360 Product Brief](#)

RoHs Status: Lead free / RoHS Compliant

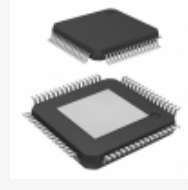
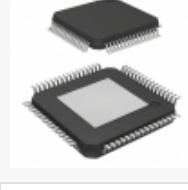
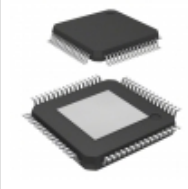
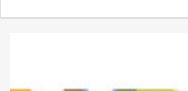
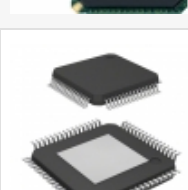
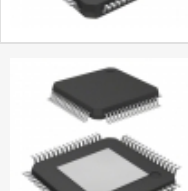
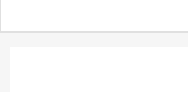
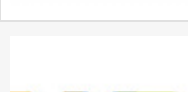
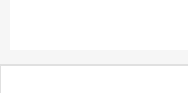
Ship From: Hong Kong

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Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                       |                                  |                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | MC68E360VR25VLR2                                                      | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MPU M683XX 25MHZ 357BGA                                            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4598 pcs                                                              | Data sheet                       | <a href="#">MC68360 Product Brief</a>          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                             | Voltage - I/O                    | 3.3V                                           |
| USB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                                     | Supplier Device Package          | 357-PBGA (25x25)                               |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 25MHz                                                                 | Series                           | M683xx                                         |
| Security Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                                                     | SATA                             | -                                              |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | DRAM                                                                  | Packaging                        | Tape & Reel (TR)                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 357-BBGA                                                              | Operating Temperature            | 0°C ~ 70°C (TA)                                |
| Number of Cores/Bus Width                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1 Core, 32-Bit                                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Lead free / RoHS Compliant                                            | Graphics Acceleration            | No                                             |
| Ethernet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10 Mbps (1)                                                           | Display & Interface Controllers  | -                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CPU32+ Microprocessor IC M683xx 1 Core, 32-Bit 25MHz 357-PBGA (25x25) | Core Processor                   | CPU32+                                         |
| Co-Processors/DSP                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Communications; CPM                                                   | Base Part Number                 | MC68E360                                       |
| Additional Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SCC, SMC, SPI                                                         |                                  |                                                |
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|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
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|  | Part#: <a href="#">MC68E360ZP25VLR2</a><br>Description: IC MPU M683XX 25MHZ 357BGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68908GZ16VFJE</a><br>Description: IC MCU 8BIT 16KB FLASH 32LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68EC000AA10</a><br>Description: IC MPU M680X0 10MHZ 64QFP       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68CK16Z1CAG16</a><br>Description: IC MCU 16BIT ROMLESS 144LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68EC000AA12</a><br>Description: IC MPU M680X0 12MHZ 64QFP       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MC68908GZ8CFAE</a><br>Description: IC MCU 8BIT 8KB FLASH 48LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MC68EC000AA16</a><br>Description: IC MPU M680X0 16MHZ 64QFP       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68E360ZQ25VLR2</a><br>Description: IC MPU M683XX 25MHZ 357BGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68EC000CAA10</a><br>Description: IC MPU M680X0 10MHZ 64QFP      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68EC000AA20</a><br>Description: IC MPU M680X0 20MHZ 64QFP       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68CK331CAG16</a><br>Description: IC MCU 32BIT ROMLESS 144LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68908GZ8VFJE</a><br>Description: IC MCU 8BIT 8KB FLASH 32LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68EC000CAA16</a><br>Description: IC MPU M680X0 16MHZ 64QFP      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68908GZ8CFJE</a><br>Description: IC MCU 8BIT 8KB FLASH 32LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68908GZ8MFAE</a><br>Description: IC MCU 8BIT 8KB FLASH 48LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68EC000AA8</a><br>Description: IC MPU M680X0 8MHZ 64QFP         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |

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