

MC68302CRC16C

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC68302CRC16C                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU M683XX 16MHZ 132PGA                                                                                   |
|                     | <a href="#">1.MC68302CRC16C.pdf</a>                                                                          |
|                     | <a href="#">2.MC68302CRC16C.pdf</a>                                                                          |
|                     | <a href="#">3.MC68302CRC16C.pdf</a>                                                                          |
|                     | <a href="#">4.MC68302CRC16C.pdf</a>                                                                          |
|                     |  Lead free / RoHS Compliant |
| RoHs Status         | Hong Kong                                                                                                    |
| Ship From           |                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

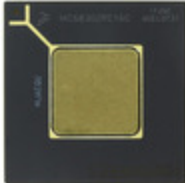
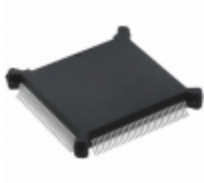
Specifications of MC68302CRC16C

|                                  |                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MC68302CRC16C                                                                                                                                            |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                           |
| DESCRIPTION                      | IC MPU M683XX 16MHZ 132PGA                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                               |
| DATA SHEET                       | <a href="#">1.MC68302CRC16C.pdf</a><br><a href="#">2.MC68302CRC16C.pdf</a><br><a href="#">3.MC68302CRC16C.pdf</a><br><a href="#">4.MC68302CRC16C.pdf</a> |
| VOLTAGE - I/O                    | 5.0V                                                                                                                                                     |
| USB                              | -                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 132-PGA (34.5x34.5)                                                                                                                                      |
| SPEED                            | 16MHz                                                                                                                                                    |
| SERIES                           | M683xx                                                                                                                                                   |
| SECURITY FEATURES                | -                                                                                                                                                        |
| SATA                             | -                                                                                                                                                        |
| RAM CONTROLLERS                  | DRAM                                                                                                                                                     |
| PACKAGING                        | Tray                                                                                                                                                     |
| PACKAGE / CASE                   | 132-BPGA Exposed Pad                                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                        |
| NUMBER OF CORES/BUS WIDTH        | 1 Core, 8/16-Bit                                                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                               |
| GRAPHICS ACCELERATION            | No                                                                                                                                                       |
| ETHERNET                         | -                                                                                                                                                        |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                                                                                        |
| DETAILED DESCRIPTION             | M68000 Microprocessor IC M683xx 1 Core, 8/16-Bit 16MHz 132-PGA (34.5x34.5)                                                                               |
| CORE PROCESSOR                   | M68000                                                                                                                                                   |
| CO-PROCESSORS/DSP                | Communications; RISC CPM                                                                                                                                 |
| BASE PART NUMBER                 | MC68302                                                                                                                                                  |
| ADDITIONAL INTERFACES            | GCI, IDL, ISDN, NMSI, PCM, SCPI                                                                                                                          |

Related Tags

|                                              |                                         |                                                  |
|----------------------------------------------|-----------------------------------------|--------------------------------------------------|
| NXP Semiconductors / Freescale MC68302CRC16C | MC68302CRC16C Distributor               | MC68302CRC16C Supplier                           |
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| NXP Semiconductors / Freescale MC68302CRC16C | NXP Semiconductors MC68302CRC16C        | Freescale MC68302CRC16C                          |
| Freescale Semiconductor - NXP MC68302CRC16C  | NXP USA Inc. MC68302CRC16C              |                                                  |

Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MC68302EH16CR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU M683XX 16MHZ 132QFP<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>MC68302EH20CB1</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU M683XX 20MHZ 132QFP<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>MC68302EH16CB1</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU M683XX 16MHZ 132QFP<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>MC68302CAG16VC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU M683XX 16MHZ 144LQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MC68302CRC20C</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU M683XX 20MHZ 132PGA<br/>In stock: Out stock<br/>RFQ</div>     |  <div><b>MC68302EH16C</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU M683XX 16MHZ 132QFP<br/>In stock: 226 pcs<br/>RFQ</div>      |
|  <div><b>MC68302CFC16C</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU M683XX 16MHZ 132QFP<br/>In stock: Out stock<br/>RFQ</div>     |  <div><b>MC68302CEH20C</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU M683XX 20MHZ 132QFP<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>MC68302CAG16VCR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU M683XX 16MHZ 144LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MC68302CEH16C</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU M683XX 16MHZ 132QFP<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>MC68302CPV16VC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU M683XX 16MHZ 144LQFP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>MC68302EH20C</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU M683XX 20MHZ 132QFP<br/>In stock: 62 pcs<br/>RFQ</div>       |