

MC68LC302CPU20CT



Part Number: [MC68LC302CPU20CT](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU M683XX 20MHZ 100LQFP

Data sheet:  [MC68LC302](#)

RoHs Status: Contains lead / RoHS non-compliant

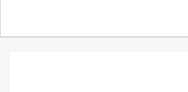
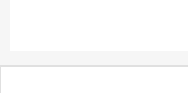
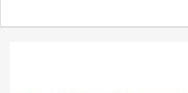
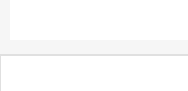
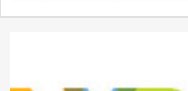
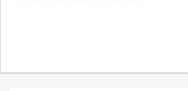
Ship From: Hong Kong

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

Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                         |                                  |                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | MC68LC302CPU20CT                                                        | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MPU M683XX 20MHZ 100LQFP                                             | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4421 pcs                                                                | Data sheet                       | <a href="#">MC68LC302</a>                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                               | Voltage - I/O                    | 5.0V                                           |
| USB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                                       | Supplier Device Package          | 100-LQFP (14x14)                               |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 20MHz                                                                   | Series                           | M683xx                                         |
| Security Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                                                       | SATA                             | -                                              |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | DRAM                                                                    | Packaging                        | Tray                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 100-LQFP                                                                | Operating Temperature            | -40°C ~ 85°C (TA)                              |
| Number of Cores/Bus Width                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1 Core, 8/16-Bit                                                        | Moisture Sensitivity Level (MSL) | 4 (72 Hours)                                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Contains lead / RoHS non-compliant                                      | Graphics Acceleration            | No                                             |
| Ethernet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                                       | Display & Interface Controllers  | -                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | M68000 Microprocessor IC M683xx 1 Core, 8/16-Bit 20MHz 100-LQFP (14x14) | Core Processor                   | M68000                                         |
| Co-Processors/DSP                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Communications; RISC CPM                                                | Base Part Number                 | MC68LC302                                      |
| Additional Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | GCI, IDL, ISDN, NMSI, PCM, SCPI                                         |                                  |                                                |
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|  | Part#: <a href="#">MC68LK332GCAG16</a><br>Description: IC MCU 32BIT ROMLESS 144LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68LC060ZU75</a><br>Description: IC MPU M680X0 75MHZ 304TBGA    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68LC302PU20VCT</a><br>Description: IC MPU M683XX 20MHZ 100LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68LC302PU16CT</a><br>Description: IC MPU M683XX 16MHZ 100LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68LK332ACPV16</a><br>Description: IC MCU 32BIT ROMLESS 144LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68LC302AF20VCT</a><br>Description: IC MPU M683XX 20MHZ 100LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68LC302CAF20CT</a><br>Description: IC MPU M683XX 20MHZ 100LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68LC302CAF16CT</a><br>Description: IC MPU M683XX 16MHZ 100LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68LK332ACAG16</a><br>Description: IC MCU 32BIT ROMLESS 144LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68LC302AF20CT</a><br>Description: IC MPU M683XX 20MHZ 100LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68LC060ZU66</a><br>Description: IC MPU M680X0 66MHZ 304TBGA    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68LC302AF16CT</a><br>Description: IC MPU M683XX 16MHZ 100LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68LC302PU20CT</a><br>Description: IC MPU M683XX 20MHZ 100LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68LC302PU16VCT</a><br>Description: IC MPU M683XX 16MHZ 100LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68LK332ACEH16</a><br>Description: IC MCU 32BIT ROMLESS 132QFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68LC302CPU16CT</a><br>Description: IC MPU M683XX 16MHZ 100LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68LC302PU25CT</a><br>Description: IC MPU M683XX 25MHZ 100LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68LC302AF16VCT</a><br>Description: IC MPU M683XX 16MHZ 100LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68LC302AF25CT</a><br>Description: IC MPU M683XX 25MHZ 100LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC68LK332GCEH16</a><br>Description: IC MCU 32BIT ROMLESS 132QFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |

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