



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MC68030RC16C

|                     |                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC68030RC16C                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                     |
| Product description | IC MPU M680X0 166MHZ 128PGA                                                                                        |
| Datasheets:         |  <a href="#">MC68030RC16C.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant       |
| Ship From           | Hong Kong                                                                                                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                              |

REQUEST FOR QUOTATION

Specifications of MC68030RC16C

|                                  |                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MC68030RC16C                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                       |
| DESCRIPTION                      | IC MPU M680X0 166MHZ 128PGA                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| DATA SHEET                       |  <a href="#">MC68030RC16C.pdf</a> |
| VOLTAGE - I/O                    | 5.0V                                                                                                                 |
| USB                              | -                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 128-PGA (34.55x34.55)                                                                                                |
| SPEED                            | 166MHz                                                                                                               |
| SERIES                           | M680x0                                                                                                               |
| SECURITY FEATURES                | -                                                                                                                    |
| SATA                             | -                                                                                                                    |
| RAM CONTROLLERS                  | -                                                                                                                    |
| PACKAGING                        | Tray                                                                                                                 |
| PACKAGE / CASE                   | 128-BPGA                                                                                                             |
| 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                         | -                                                                                                                    |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                                                    |
| DETAILED DESCRIPTION             | 68030 Microprocessor IC M680x0 1 Core, 32-Bit 166MHz 128-PGA (34.55x34.55)                                           |
| CORE PROCESSOR                   | 68030                                                                                                                |
| CO-PROCESSORS/DSP                | -                                                                                                                    |
| BASE PART NUMBER                 | MC68030                                                                                                              |
| ADDITIONAL INTERFACES            | SCI, SPI                                                                                                             |

Related Tags

|                                             |                                         |                                                 |
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| NXP Semiconductors / Freescale MC68030RC16C | NXP Semiconductors MC68030RC16C         | Freescale MC68030RC16C                          |
| Freescale Semiconductor - NXP MC68030RC16C  | NXP USA Inc. MC68030RC16C               |                                                 |

Related Products

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| <div></div> <div><b>MC68030RC20C</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU M680X0 20MHZ 128PGA<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>MC68030FE25C</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU M680X0 25MHZ 132CQFP<br/>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div><b>MC68030CRC25C</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU M680X0 25MHZ 128PGA<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>MC68030FE16C</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU M680X0 166MHZ 132CQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>MC68030CRC33C</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU M680X0 33MHZ 128PGA<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>MC68030RC33C</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU M680X0 33MHZ 128PGA<br/>In stock: Out stock</div> <div>RFQ</div>   |
| <div></div> <div><b>MC68040FE25A</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU M680X0 25MHZ 184CQFP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>MC68030RC40C</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU M680X0 40MHZ 128PGA<br/>In stock: Out stock</div> <div>RFQ</div>   |
| <div></div> <div><b>MC68030FE33C</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU M680X0 33MHZ 132CQFP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>MC68030FE20C</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU M680X0 20MHZ 132CQFP<br/>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div><b>MC68030RC50C</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU M680X0 50MHZ 128PGA<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>MC68030RC25C</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU M680X0 25MHZ 128PGA<br/>In stock: Out stock</div> <div>RFQ</div>   |