

MC68HC000CEI12



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Part Number: MC68HC000CEI12

Manufacturer: NXP Semiconductors / Freescale

Description: IC MPU M680X0 12MHZ 68PLCC

Data sheet:  MC68000 Family Users Manual

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                     |                                  |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------|--------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                              | MC68HC000CEI12                                                      | Manufacturer                     | NXP Semiconductors / Freescale |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MPU M680X0 12MHZ 68PLCC                                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                       | 5735 pcs                                                            | Data sheet                       | MC68000 Family Users Manual    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                 | Integrated Circuits (ICs)                                           | Voltage - I/O                    | 5.0V                           |
| USB                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                                   | Supplier Device Package          | 68-PLCC (25x25)                |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                    | 12MHz                                                               | Series                           | M680x0                         |
| Security Features                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                                                   | SATA                             | -                              |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                                                   | Packaging                        | Tube                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                           | 68-LCC (J-Lead)                                                     | Operating Temperature            | -40°C ~ 85°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                                                                                                                                                                                                                                                                                                                                                                                                                     | EC000 Microprocessor IC M680x0 1 Core, 32-Bit 12MHz 68-PLCC (25x25) | Core Processor                   | EC000                          |
| Co-Processors/DSP                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                                                   | Base Part Number                 | MC68HC000                      |
| Additional Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                   |                                  |                                |
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| RELATED PRODUCTS                                                                   |                                                                          |                                               |     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------------------|-----|
|  | Part#: MC68HC000CRC10<br>Description: IC MPU M680X0 10MHZ 68PGA          | Manufacturers: NXP Semiconductors / Freescale | RFQ |
|  | Part#: MC68HC000CEI8<br>Description: IC MPU M680X0 8MHZ 68PLCC           | Manufacturers: NXP Semiconductors / Freescale | RFQ |
|  | Part#: MC68F375MZIP33R2<br>Description: IC MCU 32BIT 256KB FLASH 217BGA  | Manufacturers: NXP Semiconductors / Freescale | RFQ |
|  | Part#: MC68EN360ZP33L<br>Description: IC MPU M683XX 33MHZ 357BGA         | Manufacturers: NXP Semiconductors / Freescale | RFQ |
|  | Part#: MC68EN360ZQ25L<br>Description: IC MPU M683XX 25MHZ 357BGA         | Manufacturers: NXP Semiconductors / Freescale | RFQ |
|  | Part#: MC68HC000CEI16R<br>Description: IC MPU M680X0 16MHZ 68PLCC        | Manufacturers: NXP Semiconductors / Freescale | RFQ |
|  | Part#: MC68HC000CEI12<br>Description: IC MPU M680X0 12MHZ 68PLCC         | Manufacturers: NXP Semiconductors / Freescale | RFQ |
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|  | Part#: MC68HC000CRC8<br>Description: IC MPU M680X0 8MHZ 68PGA            | Manufacturers: NXP Semiconductors / Freescale | RFQ |
|  | Part#: MC68F375BGMVVR33<br>Description: IC MCU 32BIT 256KB FLASH 217BGA  | Manufacturers: NXP Semiconductors / Freescale | RFQ |
|  | Part#: MC68F375BGMVVR33R<br>Description: IC MCU 32BIT 256KB FLASH 217BGA | Manufacturers: NXP Semiconductors / Freescale | RFQ |
|  | Part#: MC68HC000CEI10<br>Description: IC MPU M680X0 10MHZ 68PLCC         | Manufacturers: NXP Semiconductors / Freescale | RFQ |
|  | Part#: MC68EN360ZQ25VL<br>Description: IC MPU M683XX 25MHZ 357BGA        | Manufacturers: NXP Semiconductors / Freescale | RFQ |
|  | Part#: MC68HC000CEI10R<br>Description: IC MPU M680X0 10MHZ 68PLCC        | Manufacturers: NXP Semiconductors / Freescale | RFQ |
|  | Part#: MC68F375BGMZIP33<br>Description: IC MCU 32BIT 256KB FLASH 217BGA  | Manufacturers: NXP Semiconductors / Freescale | RFQ |
|  | Part#: MC68HC000CRC16<br>Description: IC MPU M680X0 16MHZ 68PGA          | Manufacturers: NXP Semiconductors / Freescale | RFQ |
|  | Part#: MC68EN360ZQ25LR2<br>Description: IC MPU M683XX 25MHZ 357BGA       | Manufacturers: NXP Semiconductors / Freescale | RFQ |
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