

MC68HC11F1CPU4



Part Number: [MC68HC11F1CPU4](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 8BIT ROMLESS 80LQFP

Data sheet:  [MC68HC11F\(1,C0\) Tech Summary](#)  
 [MC68HC11F1 Series](#)

RoHs Status: Contains lead / RoHS non-compliant

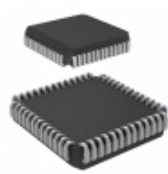
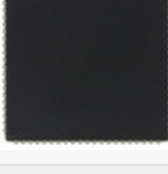
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                |                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MC68HC11F1CPU4                            | Manufacturer                   | <a href="#">NXP Semiconductors / Freescale</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT ROMLESS 80LQFP                | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5714 pcs                                  | Data sheet                     | <a href="#">MC68HC11F(1,C0) Tech Summary</a><br><a href="#">MC68HC11F1 Series</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 4.75 V ~ 5.25 V                                                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 80-LQFP (14x14)                           | Speed                          | 4MHz                                                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | HC11                                      | RAM Size                       | 1K x 8                                                                            |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ROMless                                   | Program Memory Size            | -                                                                                 |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | POR, WDT                                  | Packaging                      | Tray                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 80-LQFP                                   | Oscillator Type                | Internal                                                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -40°C ~ 85°C (TA)                         | Number of I/O                  | 30                                                                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 512 x 8                                   | Detailed Description           | HC11 HC11 Microcontroller IC 8-Bit 4MHz ROMless 80-LQFP (14x14)                   |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A/D 8x8b                                  | Core Size                      | 8-Bit                                                                             |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | HC11                                      | Connectivity                   | SCI, SPI                                                                          |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MC68HC11                                  |                                |                                                                                   |
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