

MC11E1CPBE2



Part Number: [MC11E1CPBE2](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 8BIT ROMLESS 52LQFP

Data sheet:  [M68HC11E Family](#)

RoHs Status: Lead free / RoHS Compliant

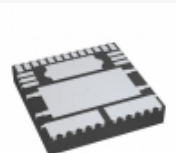
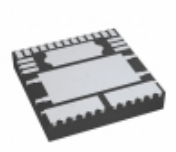
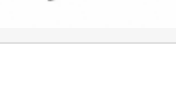
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                 |                                  |                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                           | MC11E1CPBE2                                                     | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                           | IC MCU 8BIT ROMLESS 52LQFP                                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                    | 7848 pcs                                                        | Data sheet                       | <a href="#">M68HC11E Family</a>                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a>                       | Voltage - Supply (Vcc/Vdd)       | 4.5 V ~ 5.5 V                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                               | 52-TQFP (10x10)                                                 | Speed                            | 2MHz                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                | HC11                                                            | RAM Size                         | 512 x 8                                        |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                   | ROMless                                                         | Program Memory Size              | -                                              |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                           | POR, WDT                                                        | Packaging                        | Tray                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                        | 52-LQFP                                                         | Other Names                      | 935325144557                                   |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                       | Internal                                                        | Operating Temperature            | -40°C ~ 85°C (TA)                              |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                         | 38                                                              | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                        | Lead free / RoHS Compliant                                      | EEPROM Size                      | 512 x 8                                        |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                  | HC11 HC11 Microcontroller IC 8-Bit 2MHz ROMless 52-TQFP (10x10) | Data Converters                  | A/D 8x8b                                       |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                             | 8-Bit                                                           | Core Processor                   | HC11                                           |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                          | SCI, SPI                                                        | Base Part Number                 | MC11E1                                         |
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|  | Part#: <a href="#">MC1150</a><br>Description: CONN FERRULE REEL 16AWG BLACK         | Manufacturers: <a href="#">American Electrical, Inc.</a>            | <div>RFQ</div> |
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|  | Part#: <a href="#">MC11E1CPBE2R</a><br>Description: IC MCU 8BIT ROMLESS 52LQFP      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>       | <div>RFQ</div> |
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