

MCHC711KS2CFNE3



Part Number: [MCHC711KS2CFNE3](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 8BIT 32KB OTP 68PLCC

Data sheet:  [MC68HC11\\_K Series](#)  
 [M68HC11K Family](#)

RoHS Status: Lead free / RoHS Compliant

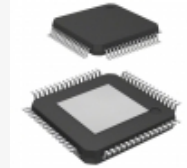
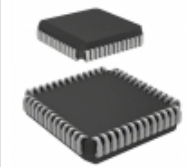
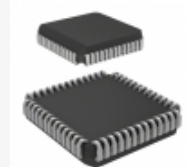
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                |                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MCHC711KS2CFNE3                           | Manufacturer                   | <a href="#">NXP Semiconductors / Freescale</a>                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 8BIT 32KB OTP 68PLCC               | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4721 pcs                                  | Data sheet                     | <a href="#">MC68HC11_K Series</a><br><a href="#">M68HC11K Family</a>       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 4.5 V ~ 5.5 V                                                              |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 68-PLCC (25x25)                           | Speed                          | 3MHz                                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | HC11                                      | RAM Size                       | 1K x 8                                                                     |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | OTP                                       | Program Memory Size            | 32KB (32K x 8)                                                             |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | POR, PWM, WDT                             | Packaging                      | Tube                                                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 68-LCC (J-Lead)                           | Oscillator Type                | Internal                                                                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 85°C (TA)                         | Number of I/O                  | 51                                                                         |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                 |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 640 x 8                                   | Detailed Description           | HC11 HC11 Microcontroller IC 8-Bit 3MHz 32KB (32K x 8) OTP 68-PLCC (25x25) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A/D 8x8b                                  | Core Size                      | 8-Bit                                                                      |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | HC11                                      | Connectivity                   | SCI, SPI                                                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MCHC711                                   |                                |                                                                            |
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|  | Part#: <a href="#">MCHC705KJ1CDWE</a><br>Description: IC MCU 8BIT 1.2KB OTP 16SOIC     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCHC11F1VFNE4R</a><br>Description: IC MCU 8BIT ROMLESS 68PLCC       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCHC908GR8AVFAE</a><br>Description: IC MCU 8BIT 7.5KB FLASH 32LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCHC908GR8ACFAE</a><br>Description: IC MCU 8BIT 7.5KB FLASH 32LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MCHC705B16NVFNE</a><br>Description: IC MCU 8BIT 15KB OTP 52PLCC     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCHC705KJ1CPE</a><br>Description: IC MCU 8BIT 1.2KB OTP 16DIP       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCHC908GR8CFAER</a><br>Description: IC MCU 8BIT 7.5KB FLASH 32LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCHC11F1VFNE4</a><br>Description: IC MCU 8BIT ROMLESS 68PLCC        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCHC705J7CPE</a><br>Description: IC MCU 8BIT 6KB OTP 20DIP          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MCHC908GR8AMFAER</a><br>Description: IC MCU 8BIT 7.5KB FLASH 32LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCHC711KS2CFNE4</a><br>Description: IC MCU 8BIT 32KB OTP 68PLCC     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCHC11F1VFNE3</a><br>Description: IC MCU 8BIT ROMLESS 68PLCC        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCHC11F1CFNE5</a><br>Description: IC MCU 8BIT ROMLESS 68PLCC        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCHC711KS2VFNE3</a><br>Description: IC MCU 8BIT 32KB OTP 68PLCC     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |

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