

MC9S12E256MPVE



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**Part Number:** [MC9S12E256MPVE](#)

**Manufacturer:** [NXP Semiconductors / Freescale](#)

**Description:** IC MCU 16BIT 256KB FLASH 112LQFP

**Data sheet:**  [MC9S12E256](#)

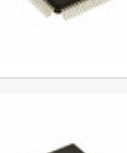
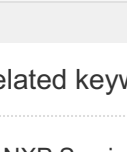
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                  |                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MC9S12E256MPVE                            | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 16BIT 256KB FLASH 112LQFP          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5975 pcs                                  | Data sheet                       | <a href="#">MC9S12E256</a>                                                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 2.35 V ~ 2.75 V                                                                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 112-LQFP (20x20)                          | Speed                            | 25MHz                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | HCS12                                     | RAM Size                         | 16K x 8                                                                             |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                     | Program Memory Size              | 256KB (256K x 8)                                                                    |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | POR, PWM, WDT                             | Packaging                        | Tray                                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 112-LQFP                                  | Other Names                      | 935309421557                                                                        |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Internal                                  | Operating Temperature            | -40°C ~ 125°C (TA)                                                                  |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 91                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                       |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10 Weeks                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                          |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                         | Detailed Description             | HCS12 HCS12 Microcontroller IC 16-Bit 25MHz 256KB (256K x 8) FLASH 112-LQFP (20x20) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A/D 16x10b; D/A 2x8b                      | Core Size                        | 16-Bit                                                                              |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | HCS12                                     | Connectivity                     | EBI/EMI, I <sup>2</sup> C, SCI, SPI                                                 |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MC9S12E256                                |                                  |                                                                                     |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 5975 pieces of NXP Semiconductors / Freescale MC9S12E256MPVE in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                  |                                                                                     |

| RELATED PRODUCTS                                                                   |                                               |                                                               |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">MC9S12E128MPVE</a>         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 16BIT 128KB FLASH 112LQFP |                                                               |                     |
|  | Part#: <a href="#">MC9S12E64CPVE</a>          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 16BIT 64KB FLASH 112LQFP  |                                                               |                     |
|  | Part#: <a href="#">MC9S12E64CFUER</a>         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 16BIT 64KB FLASH 80QFP    |                                                               |                     |
|  | Part#: <a href="#">MC9S12E64CFUE</a>          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 16BIT 64KB FLASH 80QFP    |                                                               |                     |
|  | Part#: <a href="#">MC9S12E256VFUE</a>         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 16BIT 256KB FLASH 80QFP   |                                                               |                     |
|  | Part#: <a href="#">MC9S12E64MFU</a>           | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 16BIT 64KB FLASH 80QFP    |                                                               |                     |
|  | Part#: <a href="#">MC9S12E256VPVE</a>         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 16BIT 256KB FLASH 112LQFP |                                                               |                     |
|  | Part#: <a href="#">MC9S12E32VFUE16R</a>       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: S12E 16-BIT MCU HCS12 CORE 32K   |                                                               |                     |
|  | Part#: <a href="#">MC9S12E128CFUE</a>         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 16BIT 128KB FLASH 80QFP   |                                                               |                     |
|  | Part#: <a href="#">MC9S12E32CFUE</a>          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 16BIT 32KB FLASH 80QFP    |                                                               |                     |
|  | Part#: <a href="#">MC9S12E128MFUE</a>         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 16BIT 128KB FLASH 80QFP   |                                                               |                     |
|  | Part#: <a href="#">MC9S12E128VFUE</a>         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 16BIT 128KB FLASH 80QFP   |                                                               |                     |
|  | Part#: <a href="#">MC9S12E128MFU</a>          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 16BIT 128KB FLASH 80QFP   |                                                               |                     |
|  | Part#: <a href="#">MC9S12E128CFUER</a>        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: S12E 16-BIT MCU HCS12 CORE 128   |                                                               |                     |
|  | Part#: <a href="#">MC9S12E256CPVE</a>         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 16BIT 256KB FLASH 112LQFP |                                                               |                     |
|  | Part#: <a href="#">MC9S12E256MFUE</a>         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 16BIT 256KB FLASH 80QFP   |                                                               |                     |
|  | Part#: <a href="#">MC9S12E256CFUE</a>         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 16BIT 256KB FLASH 80QFP   |                                                               |                     |
|  | Part#: <a href="#">MC9S12E64CPV</a>           | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 16BIT 64KB FLASH 112LQFP  |                                                               |                     |
|  | Part#: <a href="#">MC9S12E128CPVE</a>         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 16BIT 128KB FLASH 112LQFP |                                                               |                     |
|  | Part#: <a href="#">MC9S12E64CFU</a>           | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 16BIT 64KB FLASH 80QFP    |                                                               |                     |

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|                                |                                   | MC9S12E256MPVE                    |                             |