



NXP Semiconductors / Freescale

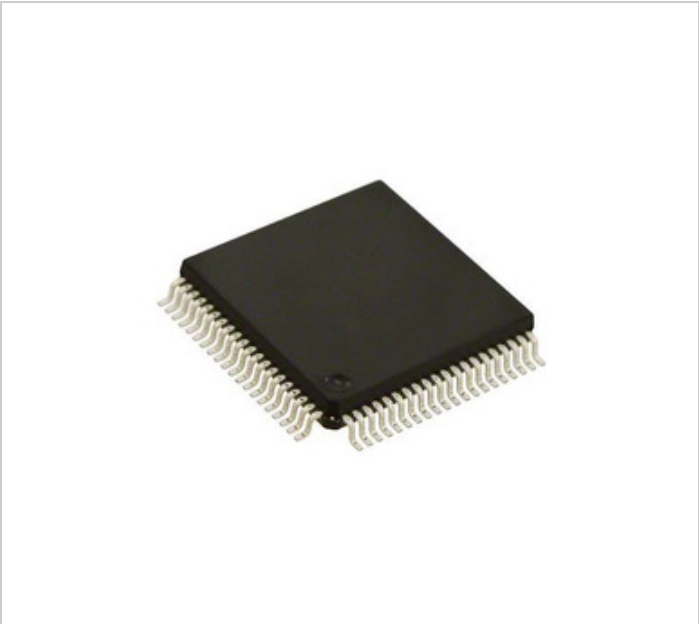


Image may be representation. See specifications for product details.

MC9S12E64CFUE

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S12E64CFUE                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 64KB FLASH 80QFP                                                                                |
|                     |  1.MC9S12E64CFUE.pdf        |
|                     |  2.MC9S12E64CFUE.pdf        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MC9S12E64CFUE

|                                  |                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MC9S12E64CFUE                                                                                                                                                                                                      |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                     |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 80QFP                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| DATA SHEET                       |  1.MC9S12E64CFUE.pdf<br> 2.MC9S12E64CFUE.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.35 V ~ 2.75 V                                                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 80-QFP (14x14)                                                                                                                                                                                                     |
| SPEED                            | 25MHz                                                                                                                                                                                                              |
| SERIES                           | HCS12                                                                                                                                                                                                              |
| RAM SIZE                         | 4K x 8                                                                                                                                                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                              |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                                                                                                                                     |
| PERIPHERALS                      | POR, PWM, WDT                                                                                                                                                                                                      |
| PACKAGING                        | Tray                                                                                                                                                                                                               |
| PACKAGE / CASE                   | 80-QFP                                                                                                                                                                                                             |
| OTHER NAMES                      | 935309447557                                                                                                                                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                  |
| NUMBER OF I/O                    | 60                                                                                                                                                                                                                 |
| 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 64KB (64K x 8) FLASH 80-QFP (14x14)                                                                                                                                    |
| DATA CONVERTERS                  | A/D 16x10b; D/A 2x8b                                                                                                                                                                                               |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                             |
| CORE PROCESSOR                   | HCS12                                                                                                                                                                                                              |
| CONNECTIVITY                     | EBI/EMI, I²C, SCI, SPI                                                                                                                                                                                             |
| BASE PART NUMBER                 | MC9S12E64                                                                                                                                                                                                          |

Related Tags

|                                              |                                         |                                                  |
|----------------------------------------------|-----------------------------------------|--------------------------------------------------|
| NXP Semiconductors / Freescale MC9S12E64CFUE | MC9S12E64CFUE Distributor               | MC9S12E64CFUE Supplier                           |
| MC9S12E64CFUE Price                          | MC9S12E64CFUE Pictures                  | MC9S12E64CFUE Image                              |
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| NXP Semiconductors / Freescale MC9S12E64CFUE | NXP Semiconductors MC9S12E64CFUE        | Freescale MC9S12E64CFUE                          |
| Freescale Semiconductor - NXP MC9S12E64CFUE  | NXP USA Inc. MC9S12E64CFUE              |                                                  |

Related Products

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|  <div><b>MC9S12E64CPVE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 64KB FLASH 112LQFP<br/>In stock: 599 pcs<br/><div>RFQ</div></div>     |  <div><b>MC9S12E64CFU</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 64KB FLASH 80QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>      |
|  <div><b>MC9S12E64MFU</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 64KB FLASH 80QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>      |  <div><b>MC9S12E32CFUE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 32KB FLASH 80QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
|  <div><b>MC9S12E64CPV</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 64KB FLASH 112LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |  <div><b>MC9S12E32VFUE16R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S12E 16-BIT MCU HCS12 CORE 32K<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MC9S12E256VFUE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 256KB FLASH 80QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>MC9S12E256MPVE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 256KB FLASH 112LQFP<br/>In stock: 15 pcs<br/><div>RFQ</div></div>    |
|  <div><b>MC9S12E64MFUE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 64KB FLASH 80QFP<br/>In stock: 354 pcs<br/><div>RFQ</div></div>       |  <div><b>MC9S12E64CFUER</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 64KB FLASH 80QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>MC9S12E256VPVE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 256KB FLASH 112LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MC9S12E64MPVE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 64KB FLASH 112LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |