



NXP Semiconductors / Freescale

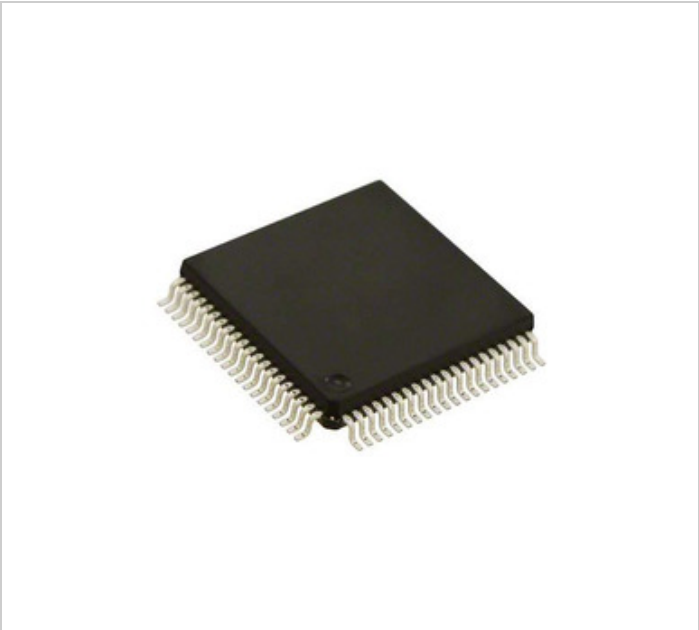


Image may be representation. See specifications for product details.

MC9S12GC128CFUE

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S12GC128CFUE                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                        |
| Product description | IC MCU 16BIT 128KB FLASH 80QFP                                                                                        |
| Datasheets:         |  <a href="#">MC9S12GC128CFUE.pdf</a> |
| RoHS Status         |  Lead free / RoHS Compliant          |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

Specifications of MC9S12GC128CFUE

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MC9S12GC128CFUE                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                          |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 80QFP                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| DATA SHEET                       |  <a href="#">MC9S12GC128CFUE.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.35 V ~ 5.5 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 80-QFP (14x14)                                                                                                          |
| SPEED                            | 25MHz                                                                                                                   |
| SERIES                           | HCS12                                                                                                                   |
| RAM SIZE                         | 4K x 8                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                   |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                        |
| PERIPHERALS                      | POR, PWM, WDT                                                                                                           |
| PACKAGING                        | Tray                                                                                                                    |
| PACKAGE / CASE                   | 80-QFP                                                                                                                  |
| OTHER NAMES                      | 935316649557                                                                                                            |
| 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 128KB (128K x 8) FLASH 80-QFP (14x14)                                       |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                               |
| CORE SIZE                        | 16-Bit                                                                                                                  |
| CORE PROCESSOR                   | HCS12                                                                                                                   |
| CONNECTIVITY                     | EBI/EMI, SCI, SPI                                                                                                       |
| BASE PART NUMBER                 | MC9S12GC128                                                                                                             |

Related Tags

|                                                |                                         |                                                    |
|------------------------------------------------|-----------------------------------------|----------------------------------------------------|
| NXP Semiconductors / Freescale MC9S12GC128CFUE | MC9S12GC128CFUE Distributor             | MC9S12GC128CFUE Supplier                           |
| MC9S12GC128CFUE Price                          | MC9S12GC128CFUE Pictures                | MC9S12GC128CFUE Image                              |
| MC9S12GC128CFUE PDF Datasheet                  | MC9S12GC128CFUE Download Datasheet      | MC9S12GC128CFUE Datasheet                          |
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| NXP Semiconductors / Freescale MC9S12GC128CFUE | NXP Semiconductors MC9S12GC128CFUE      | Freescale MC9S12GC128CFUE                          |
| Freescale Semiconductor - NXP MC9S12GC128CFUE  | NXP USA Inc. MC9S12GC128CFUE            |                                                    |

Related Products

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MC9S12GC128MFUE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 128KB FLASH 80QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <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></div> <div><b>MC9S12GC128MPBER</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 128KB FLASH 52LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MC9S12E64VFUE16R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S12E 16-BIT MCU HCS12 CORE 64K<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <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></div> <div><b>MC9S12GC128CPBER</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 128KB FLASH 52LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MC9S12GC128CPBE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 128KB FLASH 52LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>MC9S12GC128MFAE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 128KB FLASH 48LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <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>    | <div></div> <div><b>MC9S12GC128MPBE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 128KB FLASH 52LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <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></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>        |