

NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S12GC64MPBE                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 64KB FLASH 52LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 11229 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MC9S12GC64MPBE

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| PART NUMBER                      | MC9S12GC64MPBE                                                                   |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                   |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 52LQFP                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| QUANTITY AVAILABLE               | 11229 pcs                                                                        |
| DATA SHEET                       |                                                                                  |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.35 V ~ 5.5 V                                                                   |
| SUPPLIER DEVICE PACKAGE          | 52-TQFP (10x10)                                                                  |
| 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                   | 52-LQFP                                                                          |
| OTHER NAMES                      | 935325201557                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                               |
| NUMBER OF I/O                    | 35                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                    |
| 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 52-TQFP (10x10) |
| DATA CONVERTERS                  | A/D 8x10b                                                                        |
| CORE SIZE                        | 16-Bit                                                                           |
| CORE PROCESSOR                   | HCS12                                                                            |
| CONNECTIVITY                     | EBI/EMI, SCI, SPI                                                                |
| BASE PART NUMBER                 | MC9S12GC64                                                                       |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| MC9S12GC64MPBE               | MC9S12GC64MPBE Distributor        | MC9S12GC64MPBE Supplier  |
| MC9S12GC64MPBE Price         | MC9S12GC64MPBE Pictures           | MC9S12GC64MPBE Image     |
| MC9S12GC64MPBE PDF Datasheet | MC9S12GC64MPBE Download Datasheet | MC9S12GC64MPBE Datasheet |
| MC9S12GC64MPBE Stock         | Buy MC9S12GC64MPBE                | Buy MC9S12GC64MPBE       |
| MC9S12GC64MPBE               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                                                              |                                                                                      |                                                                                                                                                              |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <div>MC9S12GC32MPBE</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 16BIT 32KB FLASH 52LQFP</div> <div>In stock: 12317 pcs</div> <div>RFQ</div> |  | <div>MC9S12GC64VFUE</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 16BIT 64KB FLASH 80QFP</div> <div>In stock: 4901 pcs</div> <div>RFQ</div>   |
|  | <div>MC9S12GC96CFUE</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 16BIT 96KB FLASH 80QFP</div> <div>In stock: 9239 pcs</div> <div>RFQ</div>   |  | <div>MC9S12GC96CPBE</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 16BIT 96KB FLASH 52LQFP</div> <div>In stock: 2835 pcs</div> <div>RFQ</div>  |
|  | <div>MC9S12GC64MFAE</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 16BIT 64KB FLASH 48LQFP</div> <div>In stock: 10353 pcs</div> <div>RFQ</div> |  | <div>MC9S12GC32VFAE</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 16BIT 32KB FLASH 48LQFP</div> <div>In stock: 6969 pcs</div> <div>RFQ</div>  |
|  | <div>MC9S12GC96CFAE</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 16BIT 96KB FLASH 48LQFP</div> <div>In stock: 11039 pcs</div> <div>RFQ</div> |  | <div>MC9S12GC64MFUE</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 16BIT 64KB FLASH 80QFP</div> <div>In stock: 9124 pcs</div> <div>RFQ</div>   |
|  | <div>MC9S12GC96CPBER</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 16BIT 96KB FLASH 52LQFP</div> <div>In stock: 3212 pcs</div> <div>RFQ</div> |  | <div>MC9S12GC64CFUE</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 16BIT 64KB FLASH 80QFP</div> <div>In stock: 8703 pcs</div> <div>RFQ</div>   |
|  | <div>MC9S12GC96MFAE</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 16BIT 96KB FLASH 48LQFP</div> <div>In stock: 8086 pcs</div> <div>RFQ</div>  |  | <div>MC9S12GC64CFAE</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 16BIT 64KB FLASH 48LQFP</div> <div>In stock: 12848 pcs</div> <div>RFQ</div> |

