

NXP Semiconductors / Freescale

MC9S12C32MFUE16

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S12C32MFUE16                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 32KB FLASH 80QFP                                                                                |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 7390 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

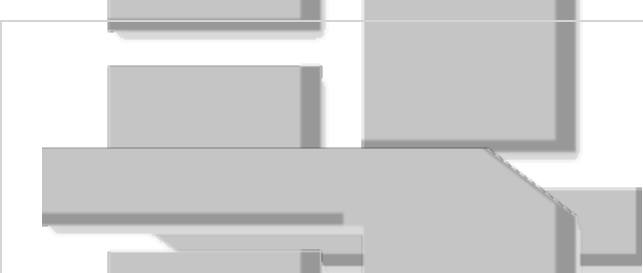
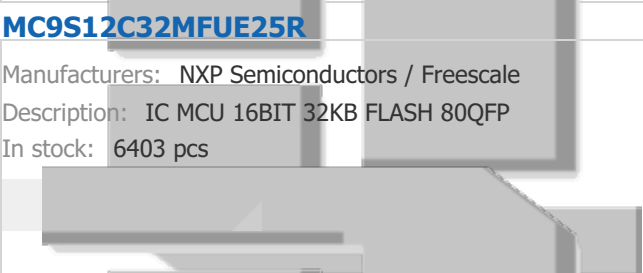
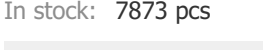
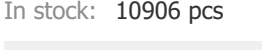
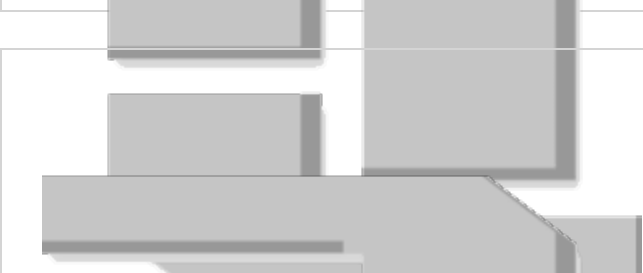
Specifications of MC9S12C32MFUE16

|                                  |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| PART NUMBER                      | MC9S12C32MFUE16                                                                 |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                  |
| DESCRIPTION                      | IC MCU 16BIT 32KB FLASH 80QFP                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                      |
| QUANTITY AVAILABLE               | 7390 pcs                                                                        |
| DATA SHEET                       |                                                                                 |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.35 V ~ 5.5 V                                                                  |
| SUPPLIER DEVICE PACKAGE          | 80-QFP (14x14)                                                                  |
| SPEED                            | 16MHz                                                                           |
| SERIES                           | HCS12                                                                           |
| RAM SIZE                         | 2K x 8                                                                          |
| PROGRAM MEMORY TYPE              | FLASH                                                                           |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                  |
| PERIPHERALS                      | POR, PWM, WDT                                                                   |
| PACKAGING                        | Tray                                                                            |
| PACKAGE / CASE                   | 80-QFP                                                                          |
| OTHER NAMES                      | 935323997556                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                              |
| NUMBER OF I/O                    | 60                                                                              |
| 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 16MHz 32KB (32K x 8) FLASH 80-QFP (14x14) |
| DATA CONVERTERS                  | A/D 8x10b                                                                       |
| CORE SIZE                        | 16-Bit                                                                          |
| CORE PROCESSOR                   | HCS12                                                                           |
| CONNECTIVITY                     | CANbus, EBI/EMI, SCI, SPI                                                       |
| BASE PART NUMBER                 | MC9S12C32                                                                       |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| MC9S12C32MFUE16               | MC9S12C32MFUE16 Distributor        | MC9S12C32MFUE16 Supplier  |
| MC9S12C32MFUE16 Price         | MC9S12C32MFUE16 Pictures           | MC9S12C32MFUE16 Image     |
| MC9S12C32MFUE16 PDF Datasheet | MC9S12C32MFUE16 Download Datasheet | MC9S12C32MFUE16 Datasheet |
| MC9S12C32MFUE16 Stock         | Buy MC9S12C32MFUE16                | Buy MC9S12C32MFUE16       |
| MC9S12C32MFUE16               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                                                                                                          |                                                                                      |                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MC9S12C32MPBE16</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 32KB FLASH 52LQFP<br>In stock: 4927 pcs<br> |  | <b>MC9S12C32CFUE16</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 32KB FLASH 80QFP<br>In stock: 8407 pcs<br>   |
|  | <b>MC9S12C32MFUE25</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 32KB FLASH 80QFP<br>In stock: 6724 pcs<br>  |  | <b>MC9S12C32MFAE16</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 32KB FLASH 48LQFP<br>In stock: 7281 pcs<br>  |
|  | <b>MC9S12C32MPBE25</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 32KB FLASH 52LQFP<br>In stock: 6787 pcs<br> |  | <b>MC9S12C32MFAE25</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 32KB FLASH 48LQFP<br>In stock: 7959 pcs<br>  |
|  |                                                                                                                                                                                                          |  | <b>MC9S12C32MPB25</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 32KB FLASH 52LQFP<br>In stock: 4623 pcs<br>   |
|  | <b>MC9S12C32CPBE25</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 32KB FLASH 52LQFP<br>In stock: 7873 pcs<br> |  | <b>MC9S12C32VFAE16</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 32KB FLASH 48LQFP<br>In stock: 10906 pcs<br> |
|  | <b>MC9S12C32CFUE25</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 32KB FLASH 80QFP<br>In stock: 5422 pcs<br>  |  | <b>MC9S12C32MFU25</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 32KB FLASH 80QFP<br>In stock: 5942 pcs<br>    |