

NXP Semiconductors / Freescale



MC9S12C32MPBE25

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S12C32MPBE25                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 32KB FLASH 52LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6787 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MC9S12C32MPBE25

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| PART NUMBER                      | MC9S12C32MPBE25                                                                  |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                   |
| DESCRIPTION                      | IC MCU 16BIT 32KB FLASH 52LQFP                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| QUANTITY AVAILABLE               | 6787 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                         | 2K x 8                                                                           |
| PROGRAM MEMORY TYPE              | FLASH                                                                            |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                   |
| PERIPHERALS                      | POR, PWM, WDT                                                                    |
| PACKAGING                        | Tray                                                                             |
| PACKAGE / CASE                   | 52-LQFP                                                                          |
| OTHER NAMES                      | 935313531557                                                                     |
| 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 32KB (32K x 8) FLASH 52-TQFP (10x10) |
| DATA CONVERTERS                  | A/D 8x10b                                                                        |
| CORE SIZE                        | 16-Bit                                                                           |
| CORE PROCESSOR                   | HCS12                                                                            |
| CONNECTIVITY                     | CANbus, EBI/EMI, SCI, SPI                                                        |
| BASE PART NUMBER                 | MC9S12C32                                                                        |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| MC9S12C32MPBE25               | MC9S12C32MPBE25 Distributor        | MC9S12C32MPBE25 Supplier  |
| MC9S12C32MPBE25 Price         | MC9S12C32MPBE25 Pictures           | MC9S12C32MPBE25 Image     |
| MC9S12C32MPBE25 PDF Datasheet | MC9S12C32MPBE25 Download Datasheet | MC9S12C32MPBE25 Datasheet |
| MC9S12C32MPBE25 Stock         | Buy MC9S12C32MPBE25                | Buy MC9S12C32MPBE25       |
| MC9S12C32MPBE25               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                                                  |                                                                                                                                  |                                                                                                                                                  |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>MC9S12C32MFUE16</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 16BIT 32KB FLASH 80QFP</p> <p>In stock: 7390 pcs</p> <p>RFQ</p>   |                                              | <p><b>MC9S12C32MPBE16</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 16BIT 32KB FLASH 52LQFP</p> <p>In stock: 4927 pcs</p> <p>RFQ</p>  |
|  | <p><b>MC9S12C32VFUE16</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 16BIT 32KB FLASH 80QFP</p> <p>In stock: 7798 pcs</p> <p>RFQ</p>   |                                              |                                                                                                                                                  |
|  | <p><b>MC9S12C32MPB25</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 16BIT 32KB FLASH 52LQFP</p> <p>In stock: 4623 pcs</p> <p>RFQ</p>   | <p>Manufacturers: NXP Semiconductors / Freescale</p> <p>Description: IC MCU 16BIT 32KB FLASH 80QFP</p> <p>In stock: 6403 pcs</p> | <p><b>MC9S12C32MFUE25</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 16BIT 32KB FLASH 80QFP</p> <p>In stock: 6724 pcs</p> <p>RFQ</p>   |
|  | <p><b>MC9S12C64CFAE</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 16BIT 64KB FLASH 48LQFP</p> <p>In stock: 6942 pcs</p> <p>RFQ</p>    |                                              | <p><b>MC9S12C32VFAE16</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 16BIT 32KB FLASH 48LQFP</p> <p>In stock: 10906 pcs</p> <p>RFQ</p> |
|  | <p><b>MC9S12C32VFAE25</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 16BIT 32KB FLASH 48LQFP</p> <p>In stock: 13376 pcs</p> <p>RFQ</p> |                                              | <p><b>MC9S12C32MFU25</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 16BIT 32KB FLASH 80QFP</p> <p>In stock: 5942 pcs</p> <p>RFQ</p>    |
|  | <p><b>MC9S12C32VFUE25</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 16BIT 32KB FLASH 80QFP</p> <p>In stock: 3896 pcs</p> <p>RFQ</p>   |                                              | <p><b>MC9S12C32VPBE16</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 16BIT 32KB FLASH 52LQFP</p> <p>In stock: 11016 pcs</p> <p>RFQ</p> |

