

NXP Semiconductors / Freescale

MC9S12C96VPBE

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S12C96VPBE                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 96KB FLASH 52LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 7527 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

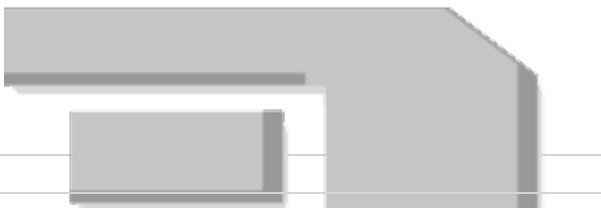
Specifications of MC9S12C96VPBE

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| PART NUMBER                      | MC9S12C96VPBE                                                                    |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                   |
| DESCRIPTION                      | IC MCU 16BIT 96KB FLASH 52LQFP                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| QUANTITY AVAILABLE               | 7527 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              | 96KB (96K x 8)                                                                   |
| PERIPHERALS                      | POR, PWM, WDT                                                                    |
| PACKAGING                        | Tray                                                                             |
| PACKAGE / CASE                   | 52-LQFP                                                                          |
| OTHER NAMES                      | 935321047557                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 105°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 96KB (96K 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                 | MC9S12C96                                                                        |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MC9S12C96VPBE               | MC9S12C96VPBE Distributor        | MC9S12C96VPBE Supplier  |
| MC9S12C96VPBE Price         | MC9S12C96VPBE Pictures           | MC9S12C96VPBE Image     |
| MC9S12C96VPBE PDF Datasheet | MC9S12C96VPBE Download Datasheet | MC9S12C96VPBE Datasheet |
| MC9S12C96VPBE Stock         | Buy MC9S12C96VPBE                | Buy MC9S12C96VPBE       |
| MC9S12C96VPBE               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                                          |                                                                                      |                                                                                                                                          |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>MC9S12D64CFUE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 16BIT 64KB FLASH 80QFP<br/>In stock: 5367 pcs</p> <p>RFQ</p>   |  | <p><b>MC9S12C96MFAE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 16BIT 96KB FLASH 48LQFP<br/>In stock: 7336 pcs</p> <p>RFQ</p>  |
|  | <p><b>MC9S12C96VFUE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 16BIT 96KB FLASH 80QFP<br/>In stock: 4577 pcs</p> <p>RFQ</p>   |  | <p><b>MC9S12D32VFUE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 16BIT 32KB FLASH 80QFP<br/>In stock: 9141 pcs</p> <p>RFQ</p>   |
|  | <p><b>MC9S12D32CFUE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 16BIT 32KB FLASH 80QFP<br/>In stock: 6353 pcs</p> <p>RFQ</p>   |  | <p><b>MC9S12C96MPBE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 16BIT 96KB FLASH 52LQFP<br/>In stock: 5359 pcs</p> <p>RFQ</p>  |
|  | <p><b>MC9S12D64CFU</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 16BIT 64KB FLASH 80QFP<br/>In stock: 5939 pcs</p> <p>RFQ</p>    |  | <p><b>MC9S12C96MFUE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 16BIT 96KB FLASH 80QFP<br/>In stock: 5717 pcs</p> <p>RFQ</p>   |
|  | <p><b>MC9S12C96VFAE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 16BIT 96KB FLASH 48LQFP<br/>In stock: 4159 pcs</p> <p>RFQ</p>  |  | <p><b>MC9S12C96VPBER</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 16BIT 96KB FLASH 52LQFP<br/>In stock: 6585 pcs</p> <p>RFQ</p> |
|  | <p><b>MC9S12C96MPBER</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 16BIT 96KB FLASH 52LQFP<br/>In stock: 5575 pcs</p> <p>RFQ</p> |  | <p><b>MC9S12D32MFUE</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 16BIT 32KB FLASH 80QFP<br/>In stock: 5678 pcs</p> <p>RFQ</p>   |