

NXP Semiconductors / Freescale



MC9S12A256CFUE

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S12A256CFUE                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 256KB FLASH 80QFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3561 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

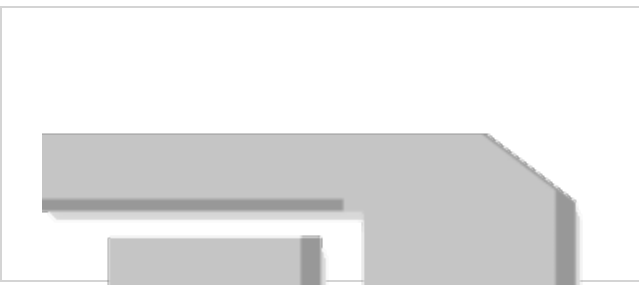
Specifications of MC9S12A256CFUE

|                                  |                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------|
| PART NUMBER                      | MC9S12A256CFUE                                                                    |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                    |
| DESCRIPTION                      | IC MCU 16BIT 256KB FLASH 80QFP                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                        |
| QUANTITY AVAILABLE               | 3561 pcs                                                                          |
| DATA SHEET                       |                                                                                   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.35 V ~ 5.25 V                                                                   |
| SUPPLIER DEVICE PACKAGE          | 80-QFP (14x14)                                                                    |
| SPEED                            | 25MHz                                                                             |
| SERIES                           | HCS12                                                                             |
| RAM SIZE                         | 12K x 8                                                                           |
| PROGRAM MEMORY TYPE              | FLASH                                                                             |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                  |
| PERIPHERALS                      | PWM, WDT                                                                          |
| PACKAGING                        | Tray                                                                              |
| PACKAGE / CASE                   | 80-QFP                                                                            |
| OTHER NAMES                      | 935316629557                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                 |
| NUMBER OF I/O                    | 59                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                        |
| EEPROM SIZE                      | 4K x 8                                                                            |
| DETAILED DESCRIPTION             | HCS12 HCS12 Microcontroller IC 16-Bit 25MHz 256KB (256K x 8) FLASH 80-QFP (14x14) |
| DATA CONVERTERS                  | A/D 8x10b                                                                         |
| CORE SIZE                        | 16-Bit                                                                            |
| CORE PROCESSOR                   | HCS12                                                                             |
| CONNECTIVITY                     | CANbus, I²C, SCI, SPI                                                             |
| BASE PART NUMBER                 | MC9S12A256                                                                        |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| MC9S12A256CFUE               | MC9S12A256CFUE Distributor        | MC9S12A256CFUE Supplier  |
| MC9S12A256CFUE Price         | MC9S12A256CFUE Pictures           | MC9S12A256CFUE Image     |
| MC9S12A256CFUE PDF Datasheet | MC9S12A256CFUE Download Datasheet | MC9S12A256CFUE Datasheet |
| MC9S12A256CFUE Stock         | Buy MC9S12A256CFUE                | Buy MC9S12A256CFUE       |
| MC9S12A256CFUE               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                                                                                                           |                                                                                      |                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MC9S12A32CFUE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 32KB FLASH 80QFP<br>In stock: 6338 pcs<br>     |  | <b>MC9S12A128CFUE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 80QFP<br>In stock: 3700 pcs<br>   |
|  | <b>MC9S12A256MPVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 112LQFP<br>In stock: 3763 pcs<br> |  | <b>MC9S12A32CFUER</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 32KB FLASH 80QFP<br>In stock: 6116 pcs<br>    |
|  | <b>MC9S12A128CPVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 112LQFP<br>In stock: 4480 pcs<br> |  | <b>MC9S12A256BCPV</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 112LQFP<br>In stock: 6977 pcs<br> |
|  | <b>MC9S12A256BCFU</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 80QFP<br>In stock: 4851 pcs<br>   |  | <b>MC9S12A256VPVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 112LQFP<br>In stock: 3817 pcs<br> |
|  | <b>MC9S12A128BCPV</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 112LQFP<br>In stock: 4842 pcs<br> |  | <b>MC9S12A256CPVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 112LQFP<br>In stock: 3072 pcs<br> |
|  | <b>MC9S12A512CPVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 512KB FLASH 112LQFP<br>In stock: 3268 pcs<br> |  | <b>MC9S12A128BCFU</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 80QFP<br>In stock: 3492 pcs<br>   |

