

NXP Semiconductors / Freescale

MC9S12C128MFA

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S12C128MFA                                                                                                        |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MCU 16BIT 128KB FLASH 48LQFP                                                                                      |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 6940 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

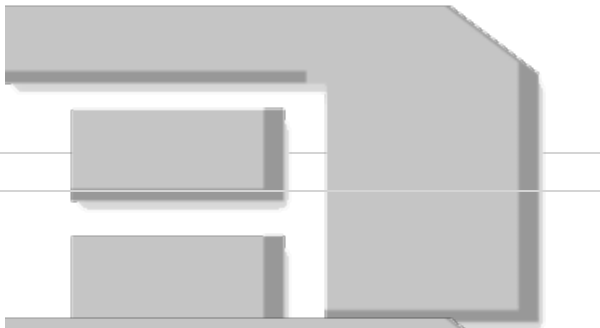
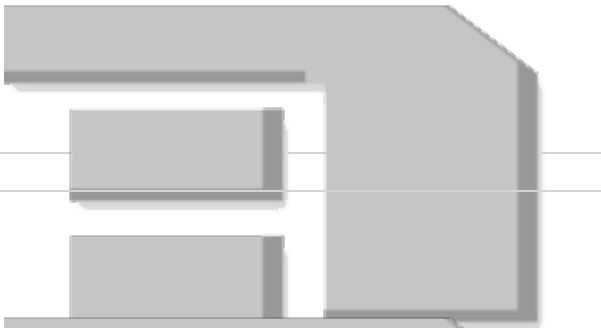
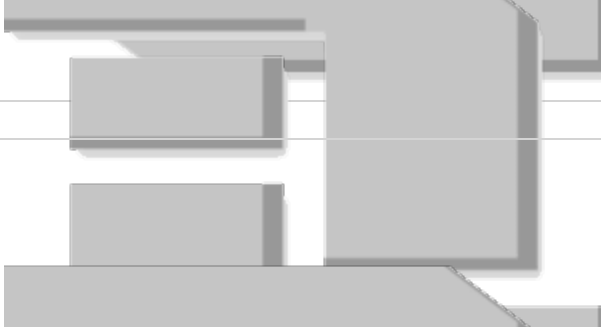
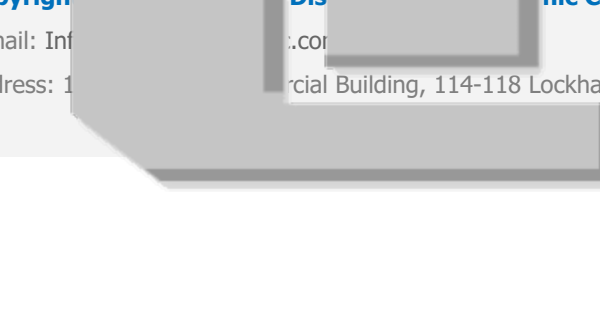
Specifications of MC9S12C128MFA

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| PART NUMBER                      | MC9S12C128MFA                                                                    |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                   |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 48LQFP                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                               |
| QUANTITY AVAILABLE               | 6940 pcs                                                                         |
| DATA SHEET                       |                                                                                  |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.35 V ~ 5.5 V                                                                   |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                                    |
| SPEED                            | 25MHz                                                                            |
| SERIES                           | HCS12                                                                            |
| RAM SIZE                         | 4K x 8                                                                           |
| PROGRAM MEMORY TYPE              | FLASH                                                                            |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                 |
| PERIPHERALS                      | POR, PWM, WDT                                                                    |
| PACKAGING                        | Tray                                                                             |
| PACKAGE / CASE                   | 48-LQFP                                                                          |
| OTHER NAMES                      | Q2048030<br>Q2351599                                                             |
| OSCILLATOR TYPE                  | Internal                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                               |
| NUMBER OF I/O                    | 31                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                               |
| EEPROM SIZE                      | -                                                                                |
| DETAILED DESCRIPTION             | HCS12 HCS12 Microcontroller IC 16-Bit 25MHz 128KB (128K x 8) FLASH 48-LQFP (7x7) |
| DATA CONVERTERS                  | A/D 8x10b                                                                        |
| CORE SIZE                        | 16-Bit                                                                           |
| CORE PROCESSOR                   | HCS12                                                                            |
| CONNECTIVITY                     | CANbus, EBI/EMI, SCI, SPI                                                        |
| BASE PART NUMBER                 | MC9S12C128                                                                       |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MC9S12C128MFA               | MC9S12C128MFA Distributor        | MC9S12C128MFA Supplier  |
| MC9S12C128MFA Price         | MC9S12C128MFA Pictures           | MC9S12C128MFA Image     |
| MC9S12C128MFA PDF Datasheet | MC9S12C128MFA Download Datasheet | MC9S12C128MFA Datasheet |
| MC9S12C128MFA Stock         | Buy MC9S12C128MFA                | Buy MC9S12C128MFA       |
| MC9S12C128MFA               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                                  |                                                                                      |                                                                                                                                  |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MC9S12B64VPVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 112LQFP<br>In stock: 4921 pcs<br><b>RFQ</b>   |  | <b>MC9S12C128MFAE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 48LQFP<br>In stock: 5459 pcs<br><b>RFQ</b>  |
|  | <b>MC9S12C128CFUE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 80QFP<br>In stock: 4830 pcs<br><b>RFQ</b>   |  | <b>MC9S12C128CPBER</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 52LQFP<br>In stock: 5769 pcs<br><b>RFQ</b> |
|  | <b>MC9S12C128CPBE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 52LQFP<br>In stock: 6912 pcs<br><b>RFQ</b>  |  | <b>MC9S12C128VF AE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 48LQFP<br>In stock: 3465 pcs<br><b>RFQ</b> |
|  | <b>MC9S12B64VFUE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 80QFP<br>In stock: 5006 pcs<br><b>RFQ</b>     |  | <b>MC9S12C128MFUE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 80QFP<br>In stock: 6377 pcs<br><b>RFQ</b>   |
|  | <b>MC9S12C128MPBER</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 52LQFP<br>In stock: 6637 pcs<br><b>RFQ</b> |  | <b>MC9S12C128VFUE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 80QFP<br>In stock: 5918 pcs<br><b>RFQ</b>   |
|  | <b>MC9S12C128MPBE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 52LQFP<br>In stock: 6547 pcs<br><b>RFQ</b>  |  | <b>MC9S12C128CF AE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 48LQFP<br>In stock: 5131 pcs<br><b>RFQ</b> |