



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MC912DG128ACPVER

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC912DG128ACPVER                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                         |
| Product description | IC MCU 16BIT 128KB FLASH 112LQFP                                                                                       |
| Datasheets:         |  <a href="#">MC912DG128ACPVER.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant           |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

Specifications of MC912DG128ACPVER

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MC912DG128ACPVER                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                           |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 112LQFP                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| DATA SHEET                       |  <a href="#">MC912DG128ACPVER.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.5 V                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 112-LQFP (20x20)                                                                                                         |
| SPEED                            | 8MHz                                                                                                                     |
| SERIES                           | HC12                                                                                                                     |
| RAM SIZE                         | 8K x 8                                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                    |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                         |
| PERIPHERALS                      | POR, PWM, WDT                                                                                                            |
| PACKAGING                        | Cut Tape (CT)                                                                                                            |
| PACKAGE / CASE                   | 112-LQFP                                                                                                                 |
| OTHER NAMES                      | MC912DG128ACPVERCT                                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                        |
| NUMBER OF I/O                    | 69                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| EEPROM SIZE                      | 2K x 8                                                                                                                   |
| DETAILED DESCRIPTION             | CPU12 HC12 Microcontroller IC 16-Bit 8MHz 128KB (128K x 8) FLASH 112-LQFP (20x20)                                        |
| DATA CONVERTERS                  | A/D 16x8/10b                                                                                                             |
| CORE SIZE                        | 16-Bit                                                                                                                   |
| CORE PROCESSOR                   | CPU12                                                                                                                    |
| CONNECTIVITY                     | CANbus, I²C, SCI, SPI                                                                                                    |
| BASE PART NUMBER                 | MC912DG128                                                                                                               |

Related Tags

|                                                 |                                         |                                                     |
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| NXP Semiconductors / Freescale MC912DG128ACPVER | MC912DG128ACPVER Distributor            | MC912DG128ACPVER Supplier                           |
| MC912DG128ACPVER Price                          | MC912DG128ACPVER Pictures               | MC912DG128ACPVER Image                              |
| MC912DG128ACPVER PDF Datasheet                  | MC912DG128ACPVER Download Datasheet     | MC912DG128ACPVER Datasheet                          |
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| NXP Semiconductors / Freescale MC912DG128ACPVER | NXP Semiconductors MC912DG128ACPVER     | Freescale MC912DG128ACPVER                          |
| Freescale Semiconductor - NXP MC912DG128ACPVER  | NXP USA Inc. MC912DG128ACPVER           |                                                     |

Related Products

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|  <div><b>MC912DG128ACPVE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 128KB FLASH 112LQFP<br/>In stock: 346 pcs<br/><div>RFQ</div></div>   |  <div><b>MC912DG128AVPVE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 128KB FLASH 112LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MC912DG128ACPV</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 128KB FLASH 112LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MC912DG128AMPVE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 128KB FLASH 112LQFP<br/>In stock: 2 pcs<br/><div>RFQ</div></div>     |
|  <div><b>MC9238H12B-FS</b><br/>Manufacturers: Mechatronics<br/>Description: FAN AXIAL 92X38MM 12VDC WIRE<br/>In stock: Out stock<br/><div>RFQ</div></div>                         |  <div><b>MC912DT128ACPVE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 128KB FLASH 112LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MC912DT128ACPV</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 128KB FLASH 112LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MC912D60CCPVE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 60KB FLASH 112LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>MC912D60AVPVE8</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 60KB FLASH 112LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>MC912D60AMFUE8</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 60KB FLASH 80QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
|  <div><b>MC912DT128CCPVE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 128KB FLASH 112LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MC912D60AMPVE8</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 60KB FLASH 112LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |