

NXP Semiconductors / Freescale

MC912DG128ACPVER

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC912DG128ACPVER                                                                                             |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 128KB FLASH 112LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 1904 pcs stock                                                                                               |
| 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                                                        |
| QUANTITY AVAILABLE               | 1904 pcs                                                                          |
| DATA SHEET                       |                                                                                   |
| 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

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| MC912DG128ACPVER               | MC912DG128ACPVER Distributor        | MC912DG128ACPVER Supplier  |
| MC912DG128ACPVER Price         | MC912DG128ACPVER Pictures           | MC912DG128ACPVER Image     |
| MC912DG128ACPVER PDF Datasheet | MC912DG128ACPVER Download Datasheet | MC912DG128ACPVER Datasheet |
| MC912DG128ACPVER Stock         | Buy MC912DG128ACPVER                | Buy MC912DG128ACPVER       |
| MC912DG128ACPVER               | Supplier                            | Distributor                |

Related Products

|                                                                                    |                                                                                                                               |                                                                                      |                                                                                                                            |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
|  | <b>MC912DT128CCPVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 112LQFP<br>In stock: 5080 pcs<br>RFQ    |  | <b>MC912DG128ACPVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 112LQFP<br>In stock: 2335 pcs<br>RFQ |
|  | <b>MC912D60AMPVE8</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 60KB FLASH 112LQFP<br>In stock: 3844 pcs<br>RFQ      |  | <b>MC912DG128AVPVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 112LQFP<br>In stock: 2240 pcs<br>RFQ |
|  | <b>MC912DT128ACPVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 112LQFP<br>In stock: 2472 pcs<br>RFQ    |  | <b>MC912D60CCPVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 60KB FLASH 112LQFP<br>In stock: 5015 pcs<br>RFQ    |
|  | <b>MC9238H12B-FS</b><br>Manufacturers: Mechatronics<br>Description: FAN AXIAL 92X38MM 12VDC WIRE<br>In stock: 5522 pcs<br>RFQ |  | <b>MC912D60AVPVE8</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 60KB FLASH 112LQFP<br>In stock: 4472 pcs<br>RFQ   |
|  | <b>MC912DG128ACPV</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 112LQFP<br>In stock: 3528 pcs<br>RFQ     |  | <b>MC912DT128ACPV</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 112LQFP<br>In stock: 2913 pcs<br>RFQ  |
|  | <b>MC912DG128AMPVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 112LQFP<br>In stock: 2026 pcs<br>RFQ    |  | <b>MC912D60AMFUE8</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 60KB FLASH 80QFP<br>In stock: 4001 pcs<br>RFQ     |