



DSPIC33EV128GM004-I/ML

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33EV128GM004-I/ML                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                  |
| Product description | IC MCU 16BIT 128KB FLASH 44QFN                                                                                 |
|                     |  1.DSPIC33EV128GM004-I/ML.pdf |
|                     |  2.DSPIC33EV128GM004-I/ML.pdf |
|                     |  3.DSPIC33EV128GM004-I/ML.pdf |
| Datasheets:         |                                                                                                                |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 38072 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

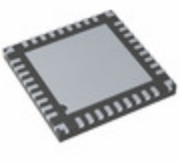
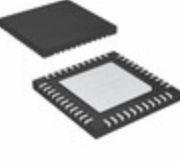
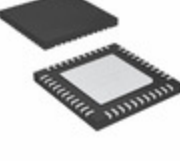
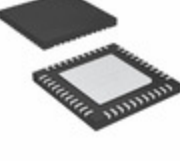
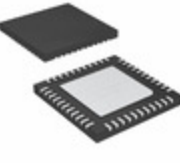
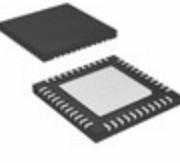
Specifications of DSPIC33EV128GM004-I/ML

|                                  |                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33EV128GM004-I/ML                                                                                                                                                                                                                                                                                                                                   |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 44QFN                                                                                                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 38072 pcs                                                                                                                                                                                                                                                                                                                                                |
| DATA SHEET                       |  1.DSPIC33EV128GM004-I/ML.pdf<br> 2.DSPIC33EV128GM004-I/ML.pdf<br> 3.DSPIC33EV128GM004-I/ML.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 44-QFN (8x8)                                                                                                                                                                                                                                                                                                                                             |
| SPEED                            | 70 MIPS                                                                                                                                                                                                                                                                                                                                                  |
| SERIES                           | dsPIC™ 33EV                                                                                                                                                                                                                                                                                                                                              |
| RAM SIZE                         | 4K x 16                                                                                                                                                                                                                                                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                    |
| PROGRAM MEMORY SIZE              | 128KB (43K x 24)                                                                                                                                                                                                                                                                                                                                         |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT                                                                                                                                                                                                                                                                                            |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 44-VQFN Exposed Pad                                                                                                                                                                                                                                                                                                                                      |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                        |
| NUMBER OF I/O                    | 35                                                                                                                                                                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                               |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                                        |
| DETAILED DESCRIPTION             | dsPIC dsPIC™ 33EV Microcontroller IC 16-Bit 70 MIPS 128KB (43K x 24) FLASH 44-QFN (8x8)                                                                                                                                                                                                                                                                  |
| DATA CONVERTERS                  | A/D 24x10/12b                                                                                                                                                                                                                                                                                                                                            |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                                                                                                                   |
| CORE PROCESSOR                   | dsPIC                                                                                                                                                                                                                                                                                                                                                    |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                                       |
| BASE PART NUMBER                 | DSPIC33EV128                                                                                                                                                                                                                                                                                                                                             |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33EV128GM004-I/ML | DSPIC33EV128GM004-I/ML Distributor          | DSPIC33EV128GM004-I/ML Supplier                               |
| DSPIC33EV128GM004-I/ML Price                         | DSPIC33EV128GM004-I/ML Pictures             | DSPIC33EV128GM004-I/ML Image                                  |
| DSPIC33EV128GM004-I/ML PDF Datasheet                 | DSPIC33EV128GM004-I/ML Download Datasheet   | DSPIC33EV128GM004-I/ML Datasheet                              |
| DSPIC33EV128GM004-I/ML Stock                         | Buy DSPIC33EV128GM004-I/ML                  | Buy Micrel / Microchip Technology DSPIC33EV128GM004-I/ML      |
| Micrel / Microchip Technology DSPIC33EV128GM004-I/ML | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology DSPIC33EV128GM004-I/ML | Microchip Technology DSPIC33EV128GM004-I/ML | Roving Networks / Microchip Technology DSPIC33EV128GM004-I/ML |

Related Products

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| <div><div>DSPIC33EV128GM006-E/MR</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 64QFN</div><div>In stock: 24110 pcs</div><div>RFQ</div></div>    | <div><div>DSPIC33EV128GM004-I/PT</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 44TQFP</div><div>In stock: 36538 pcs</div><div>RFQ</div></div>  |
| <div><div>DSPIC33EV128GM004-E/PT</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 44TQFP</div><div>In stock: 35854 pcs</div><div>RFQ</div></div>   | <div><div>DSPIC33EV128GM003T-I/M5</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: ECC FLASH, 8KB RAM</div><div>In stock: 36691 pcs</div><div>RFQ</div></div>              |
| <div><div>DSPIC33EV128GM004-H/PT</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 44TQFP</div><div>In stock: 6904 pcs</div><div>RFQ</div></div>    | <div><div>DSPIC33EV128GM004-E/MLVAO</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 44QFN</div><div>In stock: 4131 pcs</div><div>RFQ</div></div> |
| <div><div>DSPIC33EV128GM004-H/ML</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 44QFN</div><div>In stock: 6055 pcs</div><div>RFQ</div></div>     | <div><div>DSPIC33EV128GM004-E/ML</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 44QFN</div><div>In stock: 32371 pcs</div><div>RFQ</div></div>   |
| <div><div>DSPIC33EV128GM006-E/PT</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 64TQFP</div><div>In stock: 31115 pcs</div><div>RFQ</div></div>   | <div><div>DSPIC33EV128GM004T-I/PT</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 44TQFP</div><div>In stock: 38310 pcs</div><div>RFQ</div></div> |
| <div><div>DSPIC33EV128GM004T-E/MLVAO</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 44QFN</div><div>In stock: 6160 pcs</div><div>RFQ</div></div> | <div><div>DSPIC33EV128GM004T-I/ML</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 44QFN</div><div>In stock: 37047 pcs</div><div>RFQ</div></div>  |