



DSPIC33EP128GM604T-I/ML

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33EP128GM604T-I/ML                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                   |
| Product description | IC MCU 16BIT 128KB FLASH 44QFN                                                                                  |
| Datasheets:         |  1.DSPIC33EP128GM604T-I/ML.pdf |
|                     |  2.DSPIC33EP128GM604T-I/ML.pdf |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Stock Condition     | 6544 pcs stock                                                                                                  |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

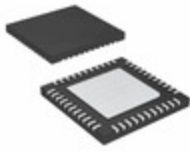
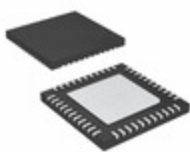
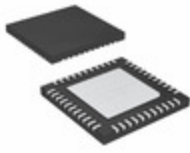
Specifications of DSPIC33EP128GM604T-I/ML

|                                  |                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33EP128GM604T-I/ML                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                     |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 44QFN                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| QUANTITY AVAILABLE               | 6544 pcs                                                                                                          |
| DATA SHEET                       |  1.DSPIC33EP128GM604T-I/ML.pdf |
|                                  |  2.DSPIC33EP128GM604T-I/ML.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 44-QFN (8x8)                                                                                                      |
| SPEED                            | 70 MIPs                                                                                                           |
| SERIES                           | dsPIC™ 33EP                                                                                                       |
| RAM SIZE                         | 16K x 8                                                                                                           |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                             |
| PROGRAM MEMORY SIZE              | 128KB (43K x 24)                                                                                                  |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, Motor Control PWM, POR, PWM, WDT                                                |
| PACKAGING                        | Tape & Reel (TR)                                                                                                  |
| 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) | 3 (168 Hours)                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| EEPROM SIZE                      | -                                                                                                                 |
| DETAILED DESCRIPTION             | dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 70 MIPs 128KB (43K x 24) FLASH 44-QFN (8x8)                           |
| DATA CONVERTERS                  | A/D 18x10b/12b                                                                                                    |
| CORE SIZE                        | 16-Bit                                                                                                            |
| CORE PROCESSOR                   | dsPIC                                                                                                             |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, QEI, SPI, UART/USART                                                                   |

Related Tags

|                                                       |                                              |                                                                |
|-------------------------------------------------------|----------------------------------------------|----------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33EP128GM604T-I/ML | DSPIC33EP128GM604T-I/ML Distributor          | DSPIC33EP128GM604T-I/ML Supplier                               |
| DSPIC33EP128GM604T-I/ML Price                         | DSPIC33EP128GM604T-I/ML Pictures             | DSPIC33EP128GM604T-I/ML Image                                  |
| DSPIC33EP128GM604T-I/ML PDF Datasheet                 | DSPIC33EP128GM604T-I/ML Download Datasheet   | DSPIC33EP128GM604T-I/ML Datasheet                              |
| DSPIC33EP128GM604T-I/ML Stock                         | Buy DSPIC33EP128GM604T-I/ML                  | Buy Micrel / Microchip Technology DSPIC33EP128GM604T-I/ML      |
| Micrel / Microchip Technology DSPIC33EP128GM604T-I/ML | Micrel / Microchip Technology Supplier       | Micrel / Microchip Technology Distributor                      |
| Micrel / Microchip Technology DSPIC33EP128GM604T-I/ML | Microchip Technology DSPIC33EP128GM604T-I/ML | Roving Networks / Microchip Technology DSPIC33EP128GM604T-I/ML |

Related Products

|                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>MICROCHIP</div> <div>DSPIC33EP128GM706-I/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 64QFN</div> <div>In stock: 18149 pcs</div> <div>RFQ</div> | <div></div> <div>DSPIC33EP128GM604-H/ML</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 44QFN</div> <div>In stock: 5331 pcs</div> <div>RFQ</div>   |
| <div>MICROCHIP</div> <div>DSPIC33EP128GM706-E/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 64QFN</div> <div>In stock: 17694 pcs</div> <div>RFQ</div> | <div></div> <div>DSPIC33EP128GM604-H/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 44TQFP</div> <div>In stock: 3315 pcs</div> <div>RFQ</div>  |
| <div></div> <div>DSPIC33EP128GM604-E/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 44TQFP</div> <div>In stock: 16824 pcs</div> <div>RFQ</div>         | <div></div> <div>DSPIC33EP128GM604-E/ML</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 44QFN</div> <div>In stock: 18391 pcs</div> <div>RFQ</div>  |
| <div></div> <div>DSPIC33EP128GM604-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 44TQFP</div> <div>In stock: 15597 pcs</div> <div>RFQ</div>         | <div></div> <div>DSPIC33EP128GM706-H/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 64TQFP</div> <div>In stock: 13632 pcs</div> <div>RFQ</div> |
| <div></div> <div>DSPIC33EP128GM604T-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 44TQFP</div> <div>In stock: 2875 pcs</div> <div>RFQ</div>         | <div></div> <div>DSPIC33EP128GM706-E/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 64TQFP</div> <div>In stock: 17026 pcs</div> <div>RFQ</div> |
| <div>MICROCHIP</div> <div>DSPIC33EP128GM706-H/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 64QFN</div> <div>In stock: 15900 pcs</div> <div>RFQ</div> | <div></div> <div>DSPIC33EP128GM604-I/ML</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 128KB FLASH 44QFN</div> <div>In stock: 17319 pcs</div> <div>RFQ</div>  |