



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

## PIC32MM0032GPL028-E/ML

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MM0032GPL028-E/ML                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                  |
| Product description | 32KB FLASH, 8KB RAM, 79 COREMARK                                                                               |
| Datasheets:         |  1.PIC32MM0032GPL028-E/ML.pdf |
|                     |  2.PIC32MM0032GPL028-E/ML.pdf |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

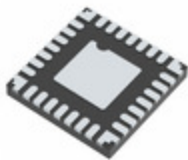
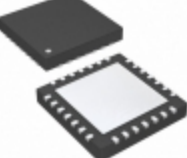
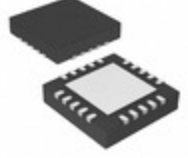
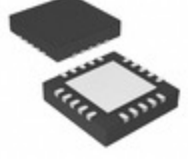
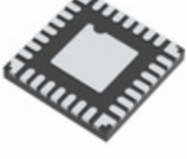
### Specifications of PIC32MM0032GPL028-E/ML

|                                  |                                                                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MM0032GPL028-E/ML                                                                                                                                                                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                        |
| DESCRIPTION                      | 32KB FLASH, 8KB RAM, 79 COREMARK                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                                                                                                                                                                      |
| DATA SHEET                       |  1.PIC32MM0032GPL028-E/ML.pdf<br> 2.PIC32MM0032GPL028-E/ML.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 3.6 V                                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 28-QFN (6x6)                                                                                                                                                                                                                         |
| SPEED                            | 25MHz                                                                                                                                                                                                                                |
| SERIES                           | PIC® 32MM                                                                                                                                                                                                                            |
| RAM SIZE                         | 8K x 8                                                                                                                                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                                                                                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, HLVD, I²S, POR, PWM, WDT                                                                                                                                                                                     |
| PACKAGING                        | Tube                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 28-VQFN Exposed Pad                                                                                                                                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                   |
| NUMBER OF I/O                    | 22                                                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                        |
| MANUFACTURER STANDARD LEAD TIME  | 15 Weeks                                                                                                                                                                                                                             |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                    |
| DETAILED DESCRIPTION             | MIPS32® microAptiv™ PIC® 32MM Microcontroller IC 32-Bit 25MHz 32KB (32K x 8) FLASH 28-QFN (6x6)                                                                                                                                      |
| DATA CONVERTERS                  | A/D 12x10/12b, D/A 1x5b                                                                                                                                                                                                              |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                               |
| CORE PROCESSOR                   | MIPS32® microAptiv™                                                                                                                                                                                                                  |
| CONNECTIVITY                     | IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                        |

### Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MM0032GPL028-E/ML | PIC32MM0032GPL028-E/ML Distributor          | PIC32MM0032GPL028-E/ML Supplier                               |
| PIC32MM0032GPL028-E/ML Price                         | PIC32MM0032GPL028-E/ML Pictures             | PIC32MM0032GPL028-E/ML Image                                  |
| PIC32MM0032GPL028-E/ML PDF Datasheet                 | PIC32MM0032GPL028-E/ML Download Datasheet   | PIC32MM0032GPL028-E/ML Datasheet                              |
| PIC32MM0032GPL028-E/ML Stock                         | Buy PIC32MM0032GPL028-E/ML                  | Buy Micrel / Microchip Technology PIC32MM0032GPL028-E/ML      |
| Micrel / Microchip Technology PIC32MM0032GPL028-E/ML | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology PIC32MM0032GPL028-E/ML | Microchip Technology PIC32MM0032GPL028-E/ML | Roving Networks / Microchip Technology PIC32MM0032GPL028-E/ML |

### Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC32MM0032GPL028-E/M6</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 32KB FLASH, 8KB RAM, 79 COREMARK<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>PIC32MM0032GPL028-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 28SOIC<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>PIC32MM0032GPL028-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 32KB FLASH, 8KB RAM, 79 COREMARK<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>PIC32MM0032GPL028-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 28QFN<br/>In stock: 299 pcs<br/>RFQ</div>      |
|  <div><b>PIC32MM0032GPL020-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 20QFN<br/>In stock: 627 pcs<br/>RFQ</div>      |  <div><b>PIC32MM0032GPL028-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 32KB FLASH, 8KB RAM, 79 COREMARK<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>PIC32MM0032GPL020T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 20QFN<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>PIC32MM0032GPL028-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 28SSOP<br/>In stock: 120 pcs<br/>RFQ</div>     |
|  <div><b>PIC32MM0032GPL020-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 20SSOP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>PIC32MM0032GPL028-I/M6</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 28UQFN<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>PIC32MM0032GPL020T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 32KB FLASH 20SSOP<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>PIC32MM0032GPL020-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 32KB FLASH, 8KB RAM, 79 COREMARK<br/>In stock: Out stock<br/>RFQ</div> |