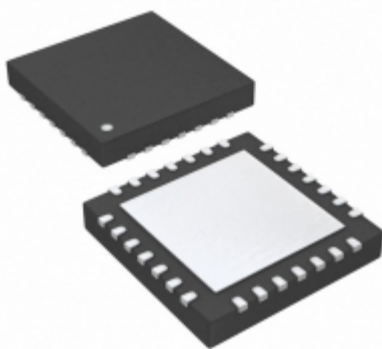


PIC32MM0016GPL028T-I/ML





Part Number: [PIC32MM0016GPL028T-I/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 16KB FLASH 28QFN

Data sheet: 

 [PIC32MM0064GPL036 Family Errata](#)

 [PIC32MM0064GPL036 Family Datasheet](#)

 [Simulator Debug Features by Device \(BETA\)](#)

 [PIC32MM Family Sell Sheet](#)

RoHs Status: Lead free / RoHS Compliant

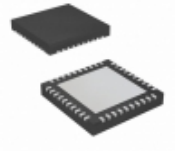
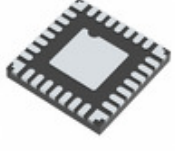
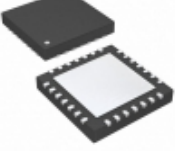
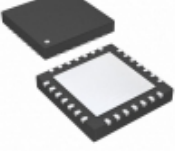
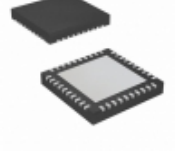
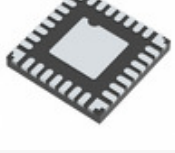
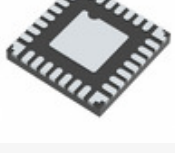
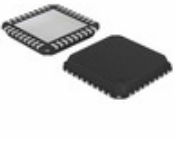
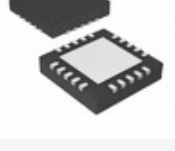
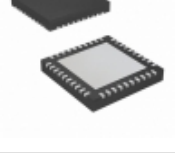
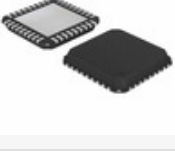
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                 |                                 |                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PIC32MM0016GPL028T-I/ML                                                                         | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC MCU 32BIT 16KB FLASH 28QFN                                                                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 103320 pcs                                                                                      | Data sheet                      | <a href="#">PIC32MM0064GPL036 Family Errata</a><br><a href="#">PIC32MM0064GPL036 Family Datasheet</a><br><a href="#">Simulator Debug Features by Device</a><br><a href="#">PIC32MM Family Sell Sheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a>                                                       | Voltage - Supply (Vcc/Vdd)      | 2 V ~ 3.6 V                                                                                                                                                                                              |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 28-QFN (6x6)                                                                                    | Speed                           | 25MHz                                                                                                                                                                                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PIC® 32MM                                                                                       | RAM Size                        | 4K x 8                                                                                                                                                                                                   |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | FLASH                                                                                           | Program Memory Size             | 16KB (16K x 8)                                                                                                                                                                                           |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Brown-out Detect/Reset, HLVD, I <sup>2</sup> S, POR, PWM, WDT                                   | Packaging                       | Tape & Reel (TR)                                                                                                                                                                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 28-VQFN Exposed Pad                                                                             | Oscillator Type                 | Internal                                                                                                                                                                                                 |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -40°C ~ 85°C (TA)                                                                               | Number of I/O                   | 22                                                                                                                                                                                                       |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3 (168 Hours)                                                                                   | Manufacturer Standard Lead Time | 12 Weeks                                                                                                                                                                                                 |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Lead free / RoHS Compliant                                                                      | EEPROM Size                     | -                                                                                                                                                                                                        |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MIPS32® microAptiv™ PIC® 32MM Microcontroller IC 32-Bit 25MHz 16KB (16K 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                                                                   |                                 |                                                                                                                                                                                                          |
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|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC32MM0016GPL028-E/SS</a><br>Description: 16KB FLASH, 4KB RAM, 79 COREMARK | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MM0016GPL036-E/MV</a><br>Description: 16KB FLASH, 4KB RAM, 79 COREMARK | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MM0016GPL028-E/M6</a><br>Description: 16KB FLASH, 4KB RAM, 79 COREMARK | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MM0016GPL028T-I/SS</a><br>Description: IC MCU 32BIT 16KB FLASH 28SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MM0016GPL028-I/ML</a><br>Description: IC MCU 32BIT 16KB FLASH 28QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MM0016GPL028-E/ML</a><br>Description: 16KB FLASH, 4KB RAM, 79 COREMARK | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MM0016GPL028-I/SS</a><br>Description: IC MCU 32BIT 16KB FLASH 28SSOP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MM0032GPL020-E/SS</a><br>Description: 32KB FLASH, 8KB RAM, 79 COREMARK | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MM0016GPL036T-I/MV</a><br>Description: IC MCU 32BIT 16KB FLASH 40UQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MM0016GPL028-I/M6</a><br>Description: IC MCU 32BIT 16KB FLASH 28UQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MM0016GPL020T-I/SS</a><br>Description: IC MCU 32BIT 16KB FLASH 20SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MM0016GPL028T-I/SO</a><br>Description: IC MCU 32BIT 16KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MM0016GPL028-E/SO</a><br>Description: 16KB FLASH, 4KB RAM, 79 COREMARK | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MM0016GPL028T-I/M6</a><br>Description: IC MCU 32BIT 16KB FLASH 28UQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MM0016GPL036-I/M2</a><br>Description: IC MCU 32BIT 16KB FLASH 36SQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MM0032GPL020-E/ML</a><br>Description: 32KB FLASH, 8KB RAM, 79 COREMARK | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MM0016GPL036-I/MV</a><br>Description: IC MCU 32BIT 16KB FLASH 40UQFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MM0016GPL036T-I/M2</a><br>Description: IC MCU 32BIT 16KB FLASH 36SQFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MM0016GPL028-I/SO</a><br>Description: IC MCU 32BIT 16KB FLASH 28SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC32MM0016GPL036-E/M2</a><br>Description: 16KB FLASH, 4KB RAM, 79 COREMARK | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

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