



Micrel / Microchip Technology

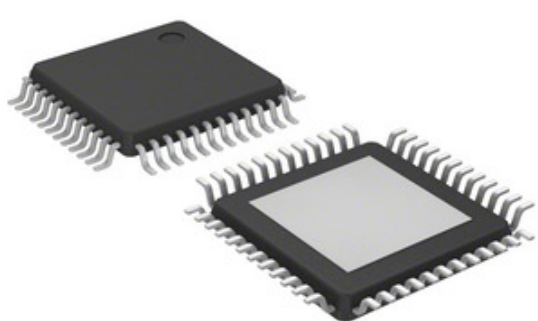


Image may be representation. See specifications for product details.

PIC32MM0256GPM048-I/PT

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MM0256GPM048-I/PT                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                  |
| Product description | IC MCU 32BIT 256KB FLASH 48TQFP                                                                                |
| Datasheets:         |  1.PIC32MM0256GPM048-I/PT.pdf |
|                     |  2.PIC32MM0256GPM048-I/PT.pdf |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 42061 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

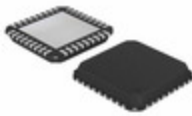
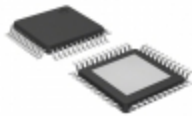
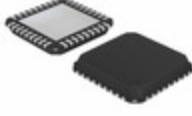
Specifications of PIC32MM0256GPM048-I/PT

|                                  |                                                                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MM0256GPM048-I/PT                                                                                                                                                                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                        |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 48TQFP                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 42061 pcs                                                                                                                                                                                                                            |
| DATA SHEET                       |  1.PIC32MM0256GPM048-I/PT.pdf<br> 2.PIC32MM0256GPM048-I/PT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 3.6 V                                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 48-TQFP-EP (7x7)                                                                                                                                                                                                                     |
| SPEED                            | 25MHz                                                                                                                                                                                                                                |
| SERIES                           | PIC® 32MM                                                                                                                                                                                                                            |
| RAM SIZE                         | 32K x 8                                                                                                                                                                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                                                                                                                                                     |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, HLVD, I²S, POR, PWM, WDT                                                                                                                                                                                |
| PACKAGING                        | Tray                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 48-TQFP Exposed Pad                                                                                                                                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 38                                                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                           |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                    |
| DETAILED DESCRIPTION             | MIPS32® microActiv™ PIC® 32MM Microcontroller IC 32-Bit 25MHz 256KB (256K x 8) FLASH 48-TQFP-EP (7x7)                                                                                                                                |
| DATA CONVERTERS                  | A/D 17x10/12b                                                                                                                                                                                                                        |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                               |
| CORE PROCESSOR                   | MIPS32® microActiv™                                                                                                                                                                                                                  |
| CONNECTIVITY                     | IrDA, LINbus, SPI, UART/USART, USB, USB OTG                                                                                                                                                                                          |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MM0256GPM048-I/PT | PIC32MM0256GPM048-I/PT Distributor          | PIC32MM0256GPM048-I/PT Supplier                               |
| PIC32MM0256GPM048-I/PT Price                         | PIC32MM0256GPM048-I/PT Pictures             | PIC32MM0256GPM048-I/PT Image                                  |
| PIC32MM0256GPM048-I/PT PDF Datasheet                 | PIC32MM0256GPM048-I/PT Download Datasheet   | PIC32MM0256GPM048-I/PT Datasheet                              |
| PIC32MM0256GPM048-I/PT Stock                         | Buy PIC32MM0256GPM048-I/PT                  | Buy Micrel / Microchip Technology PIC32MM0256GPM048-I/PT      |
| Micrel / Microchip Technology PIC32MM0256GPM048-I/PT | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology PIC32MM0256GPM048-I/PT | Microchip Technology PIC32MM0256GPM048-I/PT | Roving Networks / Microchip Technology PIC32MM0256GPM048-I/PT |

Related Products

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                 |
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| <div><div><b>PIC32MM0256GPM064T-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64QFN<br/>In stock: 43635 pcs</div><div>RFQ</div></div>  | <div><div><b>PIC32MM0256GPM064-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64TQFP<br/>In stock: 45727 pcs</div><div>RFQ</div></div>  |
| <div><div><b>PIC32MM0256GPM036T-I/M2</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 36SQFN<br/>In stock: 46587 pcs</div><div>RFQ</div></div> | <div><div><b>PIC32MM0256GPM064T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64TQFP<br/>In stock: 49379 pcs</div><div>RFQ</div></div> |
| <div><div><b>PIC32MM0256GPM064-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 64QFN<br/>In stock: 45887 pcs</div><div>RFQ</div></div>   | <div><div><b>PIC32MM0256GPM028T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 28SSOP<br/>In stock: 50977 pcs</div><div>RFQ</div></div> |
| <div><div><b>PIC32MM0256GPM048T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48TQFP<br/>In stock: 48847 pcs</div><div>RFQ</div></div> | <div><div><b>PIC32MM0256GPM036T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 40UQFN<br/>In stock: 39625 pcs</div><div>RFQ</div></div> |
| <div><div><b>PIC32MM0256GPM036-I/M2</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 36SQFN<br/>In stock: 46287 pcs</div><div>RFQ</div></div>  | <div><div><b>PIC32MM0256GPM048-I/M4</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48UQFN<br/>In stock: 33948 pcs</div><div>RFQ</div></div>  |
| <div><div><b>PIC32MM0256GPM048T-I/M4</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 48UQFN<br/>In stock: 40040 pcs</div><div>RFQ</div></div> | <div><div><b>PIC32MM0256GPM036-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 256KB FLASH 40UQFN<br/>In stock: 41468 pcs</div><div>RFQ</div></div>  |