



PIC32MZ2048EFH100-E/PT

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC32MZ2048EFH100-E/PT                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                  |
| Product description | IC MCU 32BIT 2MB FLASH 100TQFP                                                                                 |
|                     |  1.PIC32MZ2048EFH100-E/PT.pdf |
|                     |  2.PIC32MZ2048EFH100-E/PT.pdf |
|                     |  3.PIC32MZ2048EFH100-E/PT.pdf |
| Datasheets:         |                                                                                                                |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 8154 pcs stock                                                                                                 |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

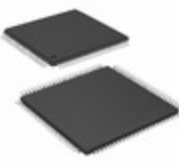
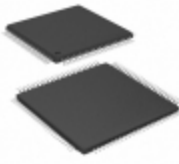
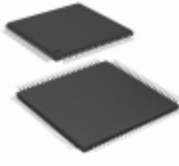
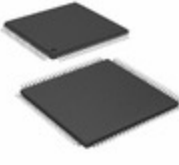
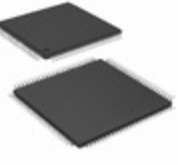
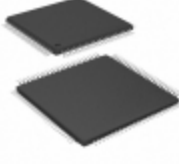
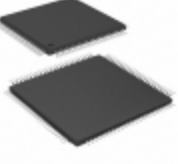
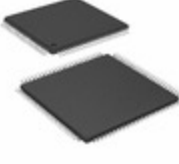
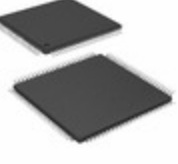
Specifications of PIC32MZ2048EFH100-E/PT

|                                  |                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC32MZ2048EFH100-E/PT                                                                                                                                                                                                                                                                                                                                   |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 32BIT 2MB FLASH 100TQFP                                                                                                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 8154 pcs                                                                                                                                                                                                                                                                                                                                                 |
| DATA SHEET                       |  1.PIC32MZ2048EFH100-E/PT.pdf<br> 2.PIC32MZ2048EFH100-E/PT.pdf<br> 3.PIC32MZ2048EFH100-E/PT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.1 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 100-TQFP (12x12)                                                                                                                                                                                                                                                                                                                                         |
| SPEED                            | 180MHz                                                                                                                                                                                                                                                                                                                                                   |
| SERIES                           | Automotive, AEC-Q100, PIC® 32MZ                                                                                                                                                                                                                                                                                                                          |
| RAM SIZE                         | 512K x 8                                                                                                                                                                                                                                                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                    |
| PROGRAM MEMORY SIZE              | 2MB (2M x 8)                                                                                                                                                                                                                                                                                                                                             |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                                                                                                                                                                                                                                                                                          |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 100-TQFP                                                                                                                                                                                                                                                                                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                                                                                                                                                                                                                                                                            |
| NUMBER OF I/O                    | 78                                                                                                                                                                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                               |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                                        |
| DETAILED DESCRIPTION             | MIPS32® M-Class Automotive, AEC-Q100, PIC® 32MZ Microcontroller IC 32-Bit 180MHz 2MB (2M x 8) FLASH 100-TQFP (12x12)                                                                                                                                                                                                                                     |
| DATA CONVERTERS                  | A/D 40x12b                                                                                                                                                                                                                                                                                                                                               |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                                                                                                                                                   |
| CORE PROCESSOR                   | MIPS32® M-Class                                                                                                                                                                                                                                                                                                                                          |
| CONNECTIVITY                     | CANbus, EBI/EMI, Ethernet, I²C, PMP, SPI, SQI, UART/USART, USB OTG                                                                                                                                                                                                                                                                                       |
| BASE PART NUMBER                 | PIC32MZ2048                                                                                                                                                                                                                                                                                                                                              |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology PIC32MZ2048EFH100-E/PT | PIC32MZ2048EFH100-E/PT Distributor          | PIC32MZ2048EFH100-E/PT Supplier                               |
| PIC32MZ2048EFH100-E/PT Price                         | PIC32MZ2048EFH100-E/PT Pictures             | PIC32MZ2048EFH100-E/PT Image                                  |
| PIC32MZ2048EFH100-E/PT PDF Datasheet                 | PIC32MZ2048EFH100-E/PT Download Datasheet   | PIC32MZ2048EFH100-E/PT Datasheet                              |
| PIC32MZ2048EFH100-E/PT Stock                         | Buy PIC32MZ2048EFH100-E/PT                  | Buy Micrel / Microchip Technology PIC32MZ2048EFH100-E/PT      |
| Micrel / Microchip Technology PIC32MZ2048EFH100-E/PT | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology PIC32MZ2048EFH100-E/PT | Microchip Technology PIC32MZ2048EFH100-E/PT | Roving Networks / Microchip Technology PIC32MZ2048EFH100-E/PT |

Related Products

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|  <div><b>PIC32MZ2048EFH100T-I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 100TQFP<br/>In stock: 10159 pcs<br/><div>RFQ</div></div>   |  <div><b>PIC32MZ2048EFH064T-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 64QFN<br/>In stock: 10755 pcs<br/><div>RFQ</div></div>     |
|  <div><b>PIC32MZ2048EFH100-250I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 100TQFP<br/>In stock: 7662 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC32MZ2048EFH064T-250I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 64TQFP<br/>In stock: 10934 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC32MZ2048EFH100T-250I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 100TQFP<br/>In stock: 9335 pcs<br/><div>RFQ</div></div> |  <div><b>PIC32MZ2048EFH064T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 64TQFP<br/>In stock: 9188 pcs<br/><div>RFQ</div></div>     |
|  <div><b>PIC32MZ2048EFH100T-250I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 100TQFP<br/>In stock: 9275 pcs<br/><div>RFQ</div></div> |  <div><b>PIC32MZ2048EFH100-I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 100TQFP<br/>In stock: 6827 pcs<br/><div>RFQ</div></div>     |
|  <div><b>PIC32MZ2048EFH100-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 100TQFP<br/>In stock: 8392 pcs<br/><div>RFQ</div></div>     |  <div><b>PIC32MZ2048EFH100T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 100TQFP<br/>In stock: 9487 pcs<br/><div>RFQ</div></div>    |
|  <div><b>PIC32MZ2048EFH100-E/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 100TQFP<br/>In stock: 8106 pcs<br/><div>RFQ</div></div>     |  <div><b>PIC32MZ2048EFH100-250I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 32BIT 2MB FLASH 100TQFP<br/>In stock: 8210 pcs<br/><div>RFQ</div></div>  |