

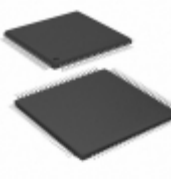
| Specifications             |                                                         |
|----------------------------|---------------------------------------------------------|
| Part Number                | PIC32MZ2048ECG100T-I/PF                                 |
| Manufacturer               | Micrel / Microchip Technology                           |
| Description                | IC MCU 32BIT 2MB FLASH 100TQFP                          |
| Category                   | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                | 2623 pcs Stock                                          |
| Voltage - Supply (Vcc/Vdd) | 2.3 V ~ 3.6 V                                           |
| Supplier Device Package    | 100-TQFP (14x14)                                        |
| Speed                      | 200MHz                                                  |
| Series                     | 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                  | Tape & Reel (TR)                                        |
| Package / Case             | 100-TQFP                                                |
| Oscillator Type            | Internal                                                |
| Operating Temperature      | -40°C ~ 85°C (TA)                                       |
| Number of I/O              | 78                                                      |
| EEPROM Size                | -                                                       |
| Data Converters            | A/D 40x12b                                              |
| Core Size                  | 32-Bit                                                  |
| Core Processor             | MIPS32® microAptiv™                                     |
| Connectivity               | EBI/EMI, Ethernet, I²C, SPI, SQI, UART/USART, USB       |

In:

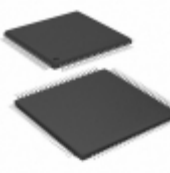
 MICROCHIP

**PIC32MZ2048ECG064T-I/PT**  
Microchip Technology  
IC MCU 32BIT 2MB FLASH  
64TQFP

  
**PIC32MZ2048ECG144-I/PL**  
Microchip Technology  
IC MCU 32BIT 2MB FLASH  
144LQFP



**PIC32MZ2048ECG100-I/PT**  
Microchip Technology  
IC MCU 32BIT 2MB FLASH  
100TQFP

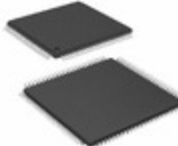


**PIC32MZ2048ECG100T-I/PT**  
Microchip Technology  
IC MCU 32BIT 2MB FLASH  
100TQFP

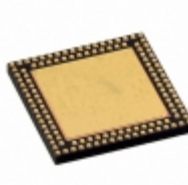
 MICROCHIP

**PIC32MZ2048ECG144-I/PH**  
Microchip Technology  
IC MCU 32BIT 2MB FLASH  
144TQFP

  
**PIC32MZ2048ECG064-I/PT**  
Microchip Technology  
IC MCU 32BIT 2MB FLASH  
64TQFP



**PIC32MZ2048ECG100-I/PF**  
Microchip Technology  
IC MCU 32BIT 2MB FLASH  
100TQFP



**PIC32MZ2048ECG124T-I/TL**  
Microchip Technology  
IC MCU 32BIT 2MB FLASH  
124VTLA

More

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