



## PIC32MZ2048EFG144T-I/PL

**Manufacturer Part Number:** PIC32MZ2048EFG144T-I/PL

**Manufacturer/Brand:** Micrel / Microchip Technology

**Part of Description:** IC MCU 32BIT 2MB FLASH 144LQFP

**Datasheets:**

- [1.PIC32MZ2048EFG144T-I/PL.pdf](#)
- [2.PIC32MZ2048EFG144T-I/PL.pdf](#)
- [3.PIC32MZ2048EFG144T-I/PL.pdf](#)

**RoHS Status:** Lead free / RoHS

**Stock Condition:** New original, Stock Available.

**Ship From:** Hong Kong

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

Image may be representation.  
See specs for product details.

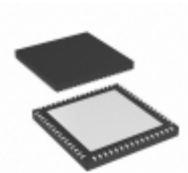
### Specifications

Part Number	PIC32MZ2048EFG144T-I/PL
Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 2MB FLASH 144LQFP
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	Require For Quote & Check Stock
Series	PIC® 32MZ
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	144-LQFP
Supplier Device Package	144-LQFP (20x20)
Peripherals	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT
Core Processor	MIPS32® M-Class
Speed	200MHz
Number of I/O	120
EEPROM Size	-
RAM Size	512K x 8
Core Size	32-Bit
Connectivity	EBI/EMI, Ethernet, I <sup>2</sup> C, PMP, SPI, SQI, UART/USART,
Program Memory Size	2MB (2M x 8)
Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	2.1 V ~ 3.6 V
Data Converters	A/D 48x12b
Oscillator Type	Internal
Packaging	Tape & Reel (TR)

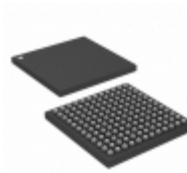
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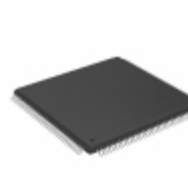
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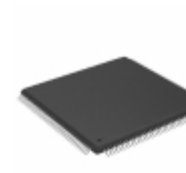
**PIC32MZ2048EFH064-E/MR**  
Micrel / Microchip Technology  
IC MCU 32BIT 2MB FLASH 64QFN



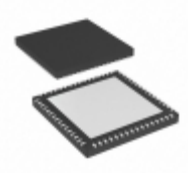
**PIC32MZ2048EFG144T-I/JWX**  
Micrel / Microchip Technology  
2048KB FLASH, 512KB RAM, NO CRYP



**PIC32MZ2048EFG144-I/PH**  
Micrel / Microchip Technology  
IC MCU 32BIT 2MB FLASH 144TQFP



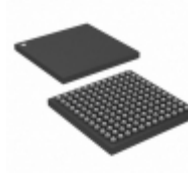
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**PIC32MZ2048EFH064-250I/MR**  
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**PIC32MZ2048EFG144T-E/JWX**  
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**PIC32MZ2048EFH064-E/PT**  
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IC MCU 32BIT 2MB FLASH 64TQFP

### Hot Parts

More

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|----------------------|--------------------|----------------|--------------------|------------------|
| 08051A330GAT2A       | 1MBI150NH060       | A4989SLDTR-T   | AP6679GH-HF        | AZ100EL31DR1     |
| BSC109N10NS3G        | BSC160N15NS5       | BTA208X-800E   | CL10Y105MR5NJND    | CMP100N04        |
| CQ0603BRNP09BN3R0    | DAC813KP           | FMS6143CSX     | GA342QR7GD221KW01L | GDSSF2318E       |
| D QQM2195C2E6R2BB12J | GRM1886T1H4R5CD01D | HIN232ECP      | IRFIZ34NPBF        | IRFU9010PBF      |
| LM385BM-2.5          | LMF100CCN          | LMSP43AA-218   | LMX2531LQ1778E     | Lwh150g1202      |
| LX1702CLQ-TR         | MAX4376FAUK+T      | MDC95-14IO1 B  | NS5A4684SMNTBG     | P215PH06FM0      |
| P4SMA550CA           | PAH75S48-3.3       | PCM3001EG      | PD413610           | PS21542-G        |
| PVN012APBF           | RKZ8.2B2KGP-HS     | SKD75GAL123DL2 | SKKL91/14E         | SPC5674FMVR3     |
| SSM2315CBZ-REEL7     | STTH20003TV        | SY55855VKC     | T1081N65TOH        | T398N06TOF       |
| TC1186-2.6VCT713     | TPS71701DCKR       | TS9011DCY      | UPG2034T5D-E1-A    | XC9572XL-VQ64AWN |

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