



Micrel / Microchip Technology

## PIC32MZ2048ECM144-I/PH

Part Number:	PIC32MZ2048ECM144-I/PH
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 2MB FLASH 144TQFP
Datasheets:	<a href="#">1.PIC32MZ2048ECM144-I/PH.pdf</a> <a href="#">2.PIC32MZ2048ECM144-I/PH.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	6975 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of PIC32MZ2048ECM144-I/PH

PART NUMBER	PIC32MZ2048ECM144-I/PH
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 2MB FLASH 144TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6975 pcs
DATA SHEET	<a href="#">1.PIC32MZ2048ECM144-I/PH.pdf</a> <a href="#">2.PIC32MZ2048ECM144-I/PH.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2.3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-TQFP (16x16)
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, I <sup>2</sup> S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	120
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	MIPS32® microAptiv™ PIC® 32MZ Microcontroller IC 32-Bit 200MHz 2MB (2M x 8) FLASH 144-TQFP (16x16)
DATA CONVERTERS	A/D 48x10b
CORE SIZE	32-Bit
CORE PROCESSOR	MIPS32® microAptiv™
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I <sup>2</sup> C, SPI, SQI, UART/USART, USB OTG
BASE PART NUMBER	PIC32MZ2048

### Related Tags

Micrel / Microchip Technology PIC32MZ2048ECM144-I/PH	PIC32MZ2048ECM144-I/PH Distributor	PIC32MZ2048ECM144-I/PH Supplier
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PIC32MZ2048ECM144-I/PH PDF Datasheet	PIC32MZ2048ECM144-I/PH Download Datasheet	PIC32MZ2048ECM144-I/PH Datasheet
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### Related Products

<p><b>PIC32MZ2048ECM100-I/PF</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 2MB FLASH 100TQFP                  In stock: 6611 pcs  <a href="#">RFQ</a></p>	<p><b>PIC32MZ2048ECM100-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 2MB FLASH 100TQFP                  In stock: 8726 pcs  <a href="#">RFQ</a></p>
<p><b>PIC32MZ2048EFG064-I/MR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 2MB FLASH 64QFN                  In stock: 8252 pcs  <a href="#">RFQ</a></p>	<p><b>PIC32MZ2048ECM144T-I/PL</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 2MB FLASH 144LQFP                  In stock: 7419 pcs  <a href="#">RFQ</a></p>
<p><b>PIC32MZ2048ECM100T-I/PF</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 2MB FLASH 100TQFP                  In stock: 8450 pcs  <a href="#">RFQ</a></p>	<p><b>PIC32MZ2048ECM100T-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 2MB FLASH 100TQFP                  In stock: 10426 pcs  <a href="#">RFQ</a></p>
<p><b>PIC32MZ2048ECM124-I/TL</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 2MB FLASH 124VTLA                  In stock: 9254 pcs  <a href="#">RFQ</a></p>	<p><b>PIC32MZ2048EFG064-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 2MB FLASH 64TQFP                  In stock: 7124 pcs  <a href="#">RFQ</a></p>
<p><b>PIC32MZ2048ECM144T-I/PH</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 2MB FLASH 144TQFP                  In stock: 9487 pcs  <a href="#">RFQ</a></p>	<p><b>PIC32MZ2048ECM124T-I/TL</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 2MB FLASH 124VTLA                  In stock: 7662 pcs  <a href="#">RFQ</a></p>
<p><b>PIC32MZ2048ECM144-I/PL</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 2MB FLASH 144LQFP                  In stock: 7857 pcs  <a href="#">RFQ</a></p>	<p><b>PIC32MZ2048EFG064-E/MR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 2MB FLASH 64QFN                  In stock: 6951 pcs  <a href="#">RFQ</a></p>