

## PIC32MZ2048ECH144T-I/PH



**Microchip Technology**  
 IC MCU 32BIT 2MB FLASH 144TQFP  
 Lead free / RoHS Compliant  
 Integrated Circuits (ICs)

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 Manufacturer lead time 10 weeks

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### Shopping Process



### Specifications

<b>Voltage - Supply (Vcc/Vdd):</b>	2.3 V ~ 3.6 V
<b>Supplier Device Package:</b>	144-TQFP (16x16)
<b>Speed:</b>	200MHz
<b>Series:</b>	PIC® 32MZ
<b>RAM Size:</b>	512K x 8
<b>Program Memory Type:</b>	FLASH
<b>Program Memory Size:</b>	2MB (2M x 8)
<b>Peripherals:</b>	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT
<b>Packaging:</b>	Tape & Reel (TR)
<b>Package / Case:</b>	144-TQFP
<b>Oscillator Type:</b>	Internal
<b>Operating Temperature:</b>	-40°C ~ 85°C (TA)
<b>Number of I/O:</b>	120
<b>EEPROM Size:</b>	-
<b>Data Converters:</b>	A/D 48x12b
<b>Core Size:</b>	32-Bit
<b>Core Processor:</b>	MIPS32® microAptiv™
<b>Connectivity:</b>	CAN, EBI/EMI, Ethernet, I <sup>2</sup> C, SPI, SQI, UART/USART, USB OTG

### Related products

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