



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC32MZ2048ECH144-I/PH

Part Number:	PIC32MZ2048ECH144-I/PH
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 2MB FLASH 144TQFP
	PDF 1.PIC32MZ2048ECH144-I/PH.pdf
	PDF 2.PIC32MZ2048ECH144-I/PH.pdf
Datasheets:	 Lead free / RoHS Compliant
RoHs Status	
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

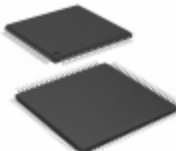
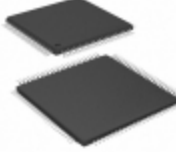
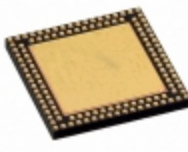
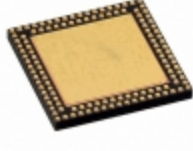
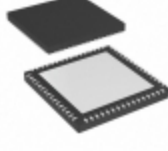
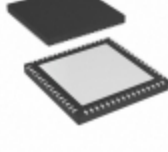
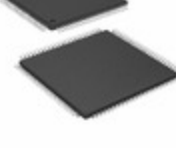
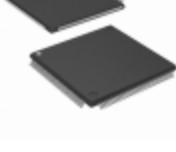
Specifications of PIC32MZ2048ECH144-I/PH

PART NUMBER	PIC32MZ2048ECH144-I/PH
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 2MB FLASH 144TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.PIC32MZ2048ECH144-I/PH.pdf PDF 2.PIC32MZ2048ECH144-I/PH.pdf
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, I²S, 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)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	MIPS32® microActiv™ 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® microActiv™
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I²C, SPI, SQI, UART/USART, USB OTG
BASE PART NUMBER	PIC32MZ2048

Related Tags

Micrel / Microchip Technology PIC32MZ2048ECH144-I/PH	PIC32MZ2048ECH144-I/PH Distributor	PIC32MZ2048ECH144-I/PH Supplier
PIC32MZ2048ECH144-I/PH Price	PIC32MZ2048ECH144-I/PH Pictures	PIC32MZ2048ECH144-I/PH Image
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Related Products

 PIC32MZ2048ECM064-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 64TQFP In stock: 94 pcs RFQ	 PIC32MZ2048ECH100T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100TQFP In stock: Out stock RFQ
 PIC32MZ2048ECH100-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100TQFP In stock: 234 pcs RFQ	 PIC32MZ2048ECH124-I/TL Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 124VTLA In stock: Out stock RFQ
 PIC32MZ2048ECH124T-I/TL Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 124VTLA In stock: Out stock RFQ	 PIC32MZ2048ECM064T-I/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 64QFN In stock: Out stock RFQ
 PIC32MZ2048ECH144T-I/PL Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: Out stock RFQ	 PIC32MZ2048ECM064-I/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 64QFN In stock: 52 pcs RFQ
 PIC32MZ2048ECH144T-I/PH Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144TQFP In stock: Out stock RFQ	 PIC32MZ2048ECH100T-I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100TQFP In stock: Out stock RFQ
 PIC32MZ2048ECH100-I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100TQFP In stock: 77 pcs RFQ	 PIC32MZ2048ECH144-I/PL Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: 116 pcs RFQ