

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC32MZ2048EFH144-E/PH

Part Number: PIC32MZ2048EFH144-E/PH

Manufacturer/Brand: Micrel / Microchip Technology

Product description: IC MCU 32BIT 2MB FLASH 144TQFP

PDF

1.PIC32MZ2048EFH144-E/PH.pdf

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RoHS

Lead free / RoHS Compliant

Ship From: Hong Kong

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

REQUEST FOR QUOTATION

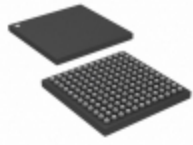
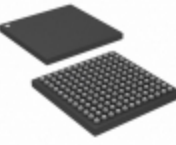
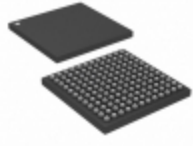
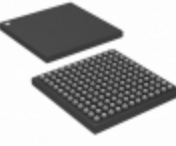
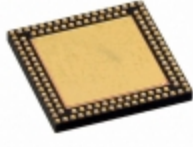
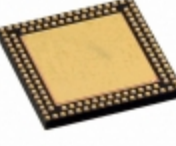
Specifications of PIC32MZ2048EFH144-E/PH

PART NUMBER	PIC32MZ2048EFH144-E/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.PIC32MZ2048EFH144-E/PH.pdf PDF 2.PIC32MZ2048EFH144-E/PH.pdf PDF 3.PIC32MZ2048EFH144-E/PH.pdf PDF 4.PIC32MZ2048EFH144-E/PH.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.1 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-TQFP (16x16)
SPEED	180MHz
SERIES	Automotive, AEC-Q100, 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 ~ 125°C (TA)
NUMBER OF I/O	120
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	8 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	MIPS32® M-Class Automotive, AEC-Q100, PIC® 32MZ Microcontroller IC 32-Bit 180MHz 2MB (2M x 8) FLASH 144-TQFP (16x16)
DATA CONVERTERS	A/D 48x12b
CORE SIZE	32-Bit
CORE PROCESSOR	MIPS32® M-Class
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I²C, PMP, SPI, SQI, UART/USART, USB OTG
BASE PART NUMBER	PIC32MZ2048

Related Tags

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 PIC32MZ2048EFH144-250I/PH Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144TQFP In stock: 526 pcs RFQ	 PIC32MZ2048EFH144-I/PL Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: 350 pcs RFQ
 PIC32MZ2048EFH144-250I/JWX Manufacturers: Micrel / Microchip Technology Description: FLASH, 512KB RAM In stock: 515 pcs RFQ	 PIC32MZ2048EFH144-I/JWX Manufacturers: Micrel / Microchip Technology Description: FLASH, 512KB RAM In stock: 520 pcs RFQ
 PIC32MZ2048EFH144T-250I/JWX Manufacturers: Micrel / Microchip Technology Description: FLASH, 512KB RAM In stock: Out stock RFQ	 PIC32MZ2048EFH144-E/JWX Manufacturers: Micrel / Microchip Technology Description: FLASH, 512KB RAM In stock: 520 pcs RFQ
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