



Micrel / Microchip Technology



PIC32MZ2048ECG144-I/PL

Part Number:	PIC32MZ2048ECG144-I/PL
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 2MB FLASH 144LQFP
Datasheets:	 1.PIC32MZ2048ECG144-I/PL.pdf
	 2.PIC32MZ2048ECG144-I/PL.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	7725 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

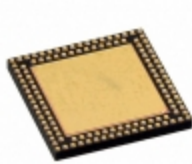
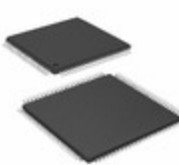
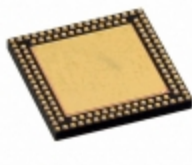
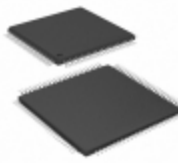
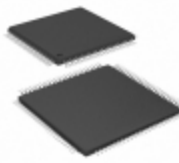
Specifications of PIC32MZ2048ECG144-I/PL

PART NUMBER	PIC32MZ2048ECG144-I/PL
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 2MB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	7725 pcs
DATA SHEET	 1.PIC32MZ2048ECG144-I/PL.pdf  2.PIC32MZ2048ECG144-I/PL.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
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-LQFP
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® microActiv™ PIC® 32MZ Microcontroller IC 32-Bit 200MHz 2MB (2M x 8) FLASH 144-LQFP (20x20)
DATA CONVERTERS	A/D 48x10b
CORE SIZE	32-Bit
CORE PROCESSOR	MIPS32® microActiv™
CONNECTIVITY	EBI/EMI, Ethernet, I²C, SPI, SQI, UART/USART, USB OTG
BASE PART NUMBER	PIC32MZ2048

Related Tags

Micrel / Microchip Technology PIC32MZ2048ECG144-I/PL	PIC32MZ2048ECG144-I/PL Distributor	PIC32MZ2048ECG144-I/PL Supplier
PIC32MZ2048ECG144-I/PL Price	PIC32MZ2048ECG144-I/PL Pictures	PIC32MZ2048ECG144-I/PL Image
PIC32MZ2048ECG144-I/PL PDF Datasheet	PIC32MZ2048ECG144-I/PL Download Datasheet	PIC32MZ2048ECG144-I/PL Datasheet
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Related Products

 PIC32MZ2048ECG124-I/TL Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 124VTLA In stock: 7553 pcs RFQ	 PIC32MZ2048ECH064-I/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 64QFN In stock: 8113 pcs RFQ
 PIC32MZ2048ECG144T-I/PL Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: 8396 pcs RFQ	 PIC32MZ2048ECG100T-I/PF Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100TQFP In stock: 9504 pcs RFQ
 PIC32MZ2048ECH064-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 64TQFP In stock: 9424 pcs RFQ	 PIC32MZ2048ECG144T-I/PH Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144TQFP In stock: 7679 pcs RFQ
 PIC32MZ2048ECG124T-I/TL Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 124VTLA In stock: 8813 pcs RFQ	 PIC32MZ2048ECH064T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 64TQFP In stock: 11412 pcs RFQ
 PIC32MZ2048ECG100-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100TQFP In stock: 8489 pcs RFQ	 PIC32MZ2048ECG100T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 100TQFP In stock: 10195 pcs RFQ
 PIC32MZ2048ECH064T-I/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 64QFN In stock: 9311 pcs RFQ	 PIC32MZ2048ECG144-I/PH Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 2MB FLASH 144TQFP In stock: 8326 pcs RFQ