



Micrel / Microchip Technology

## PIC32MZ1024ECG064-I/PT

Part Number:	PIC32MZ1024ECG064-I/PT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 1MB FLASH 64TQFP
Datasheets:	<a href="#">1.PIC32MZ1024ECG064-I/PT.pdf</a> <a href="#">2.PIC32MZ1024ECG064-I/PT.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	10511 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 PIC32MZ1024ECG064-I/PT

PART NUMBER	PIC32MZ1024ECG064-I/PT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 1MB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	10511 pcs
DATA SHEET	<a href="#">1.PIC32MZ1024ECG064-I/PT.pdf</a> <a href="#">2.PIC32MZ1024ECG064-I/PT.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2.3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-TQFP (10x10)
SPEED	200MHz
SERIES	PIC® 32MZ
RAM SIZE	512K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	1MB (1M x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	53
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 1MB (1M x 8) FLASH 64-TQFP (10x10)
DATA CONVERTERS	A/D 24x10b
CORE SIZE	32-Bit
CORE PROCESSOR	MIPS32® microAptiv™
CONNECTIVITY	Ethernet, I <sup>2</sup> C, SPI, SQI, UART/USART, USB OTG
BASE PART NUMBER	PIC32MZ1024

### Related Tags

Micrel / Microchip Technology PIC32MZ1024ECG064-I/PT	PIC32MZ1024ECG064-I/PT Distributor	PIC32MZ1024ECG064-I/PT Supplier
PIC32MZ1024ECG064-I/PT Price	PIC32MZ1024ECG064-I/PT Pictures	PIC32MZ1024ECG064-I/PT Image
PIC32MZ1024ECG064-I/PT PDF Datasheet	PIC32MZ1024ECG064-I/PT Download Datasheet	PIC32MZ1024ECG064-I/PT Datasheet
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Micrel / Microchip Technology PIC32MZ1024ECG064-I/PT	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology PIC32MZ1024ECG064-I/PT	Microchip Technology PIC32MZ1024ECG064-I/PT	Roving Networks / Microchip Technology PIC32MZ1024ECG064-I/PT

### Related Products

<p><b>PIC32MZ0512EFK144-I/PL</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 144LQFP                  In stock: 10920 pcs  <a href="#">RFQ</a></p>	<p><b>PIC32MZ1024ECG064T-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 1MB FLASH 64TQFP                  In stock: 10969 pcs  <a href="#">RFQ</a></p>
<p><b>PIC32MZ1024ECG100T-I/PF</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 1MB FLASH 100TQFP                  In stock: 10551 pcs  <a href="#">RFQ</a></p>	<p><b>PIC32MZ1024ECG100-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 1MB FLASH 100TQFP                  In stock: 8106 pcs  <a href="#">RFQ</a></p>
<p><b>PIC32MZ0512EFK144T-I/PL</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 144LQFP                  In stock: 12766 pcs  <a href="#">RFQ</a></p>	<p><b>PIC32MZ1024ECG064T-I/MR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 1MB FLASH 64QFN                  In stock: 9993 pcs  <a href="#">RFQ</a></p>
<p><b>PIC32MZ1024ECG100-I/PF</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 1MB FLASH 100TQFP                  In stock: 9220 pcs  <a href="#">RFQ</a></p>	<p><b>PIC32MZ0512EFK144T-I/JWX</b>                  Manufacturers: Micrel / Microchip Technology                  Description: 512KB FLASH, 128KB RAM, CRYPTO,                  In stock: 9836 pcs  <a href="#">RFQ</a></p>
<p><b>PIC32MZ1024ECG064-I/MR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 1MB FLASH 64QFN                  In stock: 8944 pcs  <a href="#">RFQ</a></p>	<p><b>PIC32MZ0512EFK144T-I/PH</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 144TQFP                  In stock: 10243 pcs  <a href="#">RFQ</a></p>
<p><b>PIC32MZ1024ECG100T-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 1MB FLASH 100TQFP                  In stock: 12034 pcs  <a href="#">RFQ</a></p>	<p><b>PIC32MZ0512EFK144T-E/JWX</b>                  Manufacturers: Micrel / Microchip Technology                  Description: 512KB FLASH, 128KB RAM, CRYPTO,                  In stock: 8925 pcs  <a href="#">RFQ</a></p>