



Micrel / Microchip Technology

## PIC32MZ0512EFF100T-I/PF

Part Number:	PIC32MZ0512EFF100T-I/PF
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 512KB FLASH 100TQFP
Datasheets:	<a href="#">1.PIC32MZ0512EFF100T-I/PF.pdf</a> <a href="#">2.PIC32MZ0512EFF100T-I/PF.pdf</a> <a href="#">3.PIC32MZ0512EFF100T-I/PF.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	12876 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 PIC32MZ0512EFF100T-I/PF

PART NUMBER	PIC32MZ0512EFF100T-I/PF
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	12876 pcs
DATA SHEET	<a href="#">1.PIC32MZ0512EFF100T-I/PF.pdf</a> <a href="#">2.PIC32MZ0512EFF100T-I/PF.pdf</a> <a href="#">3.PIC32MZ0512EFF100T-I/PF.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2.1 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-TQFP (14x14)
SPEED	200MHz
SERIES	PIC® 32MZ
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	100-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	78
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	MIPS32® M-Class PIC® 32MZ Microcontroller IC 32-Bit 200MHz 512KB (512K x 8) FLASH 100-TQFP (14x14)
DATA CONVERTERS	A/D 40x12b
CORE SIZE	32-Bit
CORE PROCESSOR	MIPS32® M-Class
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I <sup>2</sup> C, PMP, SPI, SQI, UART/USART, USB OTG
BASE PART NUMBER	PIC32MZ0512

### Related Tags

Micrel / Microchip Technology PIC32MZ0512EFF100T-I/PF	PIC32MZ0512EFF100T-I/PF Distributor	PIC32MZ0512EFF100T-I/PF Supplier
PIC32MZ0512EFF100T-I/PF Price	PIC32MZ0512EFF100T-I/PF Pictures	PIC32MZ0512EFF100T-I/PF Image
PIC32MZ0512EFF100T-I/PF PDF Datasheet	PIC32MZ0512EFF100T-I/PF Download Datasheet	PIC32MZ0512EFF100T-I/PF Datasheet
PIC32MZ0512EFF100T-I/PF Stock	Buy PIC32MZ0512EFF100T-I/PF	Buy Micrel / Microchip Technology PIC32MZ0512EFF100T-I/PF
Micrel / Microchip Technology PIC32MZ0512EFF100T-I/PF	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
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### Related Products

<p><b>PIC32MZ0512EFF100-I/PF</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100TQFP                  In stock: 11087 pcs  <a href="#">RFQ</a></p>	<p><b>PIC32MZ0512EFF100T-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100TQFP                  In stock: 13927 pcs  <a href="#">RFQ</a></p>
<p><b>PIC32MZ0512EFF124-E/TL</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 124VTLA                  In stock: 9930 pcs  <a href="#">RFQ</a></p>	<p><b>PIC32MZ0512EFF064T-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 64TQFP                  In stock: 15314 pcs  <a href="#">RFQ</a></p>
<p><b>PIC32MZ0512EFF124-I/TL</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 124VTLA                  In stock: 10955 pcs  <a href="#">RFQ</a></p>	<p><b>PIC32MZ0512EFF100-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100TQFP                  In stock: 10715 pcs  <a href="#">RFQ</a></p>
<p><b>PIC32MZ0512EFF064T-I/MR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 64QFN                  In stock: 15225 pcs  <a href="#">RFQ</a></p>	<p><b>PIC32MZ0512EFF124T-I/TL</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 124VTLA                  In stock: 11543 pcs  <a href="#">RFQ</a></p>
<p><b>PIC32MZ0512EFF144-E/PH</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 144TQFP                  In stock: 9740 pcs  <a href="#">RFQ</a></p>	<p><b>PIC32MZ0512EFF100-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100TQFP                  In stock: 11272 pcs  <a href="#">RFQ</a></p>
<p><b>PIC32MZ0512EFF144-E/JWX</b>                  Manufacturers: Micrel / Microchip Technology                  Description: FLASH, 128KB RAM                  In stock: 9453 pcs  <a href="#">RFQ</a></p>	<p><b>PIC32MZ0512EFF100-E/PF</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100TQFP                  In stock: 8596 pcs  <a href="#">RFQ</a></p>