



Micrel / Microchip Technology

## PIC32MK0512MCF064T-E/MR

Part Number:	PIC32MK0512MCF064T-E/MR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 32BIT 512KB FLASH 64QFN
Datasheets:	<a href="#">1.PIC32MK0512MCF064T-E/MR.pdf</a> <a href="#">2.PIC32MK0512MCF064T-E/MR.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	14450 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 PIC32MK0512MCF064T-E/MR

PART NUMBER	PIC32MK0512MCF064T-E/MR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 64QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	14450 pcs
DATA SHEET	<a href="#">1.PIC32MK0512MCF064T-E/MR.pdf</a> <a href="#">2.PIC32MK0512MCF064T-E/MR.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2.2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-QFN (9x9)
SPEED	80MHz
SERIES	Automotive, AEC-Q100, PIC® 32MK
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, Motor Control PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	64-VFQFN Exposed Pad
OTHER NAMES	PIC32MK0512MCF064T-E/MR-ND PIC32MK0512MCF064T-E/MRTR
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	49
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	4K x 8
DETAILED DESCRIPTION	MIPS32® microAptiv™ Automotive, AEC-Q100, PIC® 32MK Microcontroller IC 32-Bit 80MHz 512KB (512K x 8) FLASH 64-QFN (9x9)
DATA CONVERTERS	A/D 27x12b
CORE SIZE	32-Bit
CORE PROCESSOR	MIPS32® microAptiv™
CONNECTIVITY	CANbus, IrDA, LINbus, PMP, QEI, SPI, UART/USART, USB OTG

### Related Tags

Micrel / Microchip Technology PIC32MK0512MCF064T-E/MR	PIC32MK0512MCF064T-E/MR Distributor	PIC32MK0512MCF064T-E/MR Supplier
PIC32MK0512MCF064T-E/MR Price	PIC32MK0512MCF064T-E/MR Pictures	PIC32MK0512MCF064T-E/MR Image
PIC32MK0512MCF064T-E/MR PDF Datasheet	PIC32MK0512MCF064T-E/MR Download Datasheet	PIC32MK0512MCF064T-E/MR Datasheet
PIC32MK0512MCF064T-E/MR Stock	Buy PIC32MK0512MCF064T-E/MR	Buy Micrel / Microchip Technology PIC32MK0512MCF064T-E/MR
Micrel / Microchip Technology PIC32MK0512MCF064T-E/MR	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology PIC32MK0512MCF064T-E/MR	Microchip Technology PIC32MK0512MCF064T-E/MR	Roving Networks / Microchip Technology PIC32MK0512MCF064T-E/MR

### Related Products

<p><b>PIC32MK0512MCF100T-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100TQFP                  In stock: 16497 pcs  <a href="#">RFQ</a></p>	<p><b>PIC32MK0512MCF064T-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 64TQFP                  In stock: 13552 pcs  <a href="#">RFQ</a></p>
<p><b>PIC32MK0512GPE100T-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100TQFP                  In stock: 12680 pcs  <a href="#">RFQ</a></p>	<p><b>PIC32MK0512MCF100-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100TQFP                  In stock: 11578 pcs  <a href="#">RFQ</a></p>
<p><b>PIC32MK0512MCF064-E/MR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 64QFN                  In stock: 13908 pcs  <a href="#">RFQ</a></p>	<p><b>PIC32MK0512MCF064T-I/MR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 64QFN                  In stock: 13406 pcs  <a href="#">RFQ</a></p>
<p><b>PIC32MK0512MCF064-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 64TQFP                  In stock: 15519 pcs  <a href="#">RFQ</a></p>	<p><b>PIC32MK0512MCF064T-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 64TQFP                  In stock: 13323 pcs  <a href="#">RFQ</a></p>
<p><b>PIC32MK0512MCF100-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100TQFP                  In stock: 12189 pcs  <a href="#">RFQ</a></p>	<p><b>PIC32MK0512MCF064-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 64TQFP                  In stock: 11336 pcs  <a href="#">RFQ</a></p>
<p><b>PIC32MK0512MCF064-I/MR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 64QFN                  In stock: 11660 pcs  <a href="#">RFQ</a></p>	<p><b>PIC32MK0512GPE100T-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 32BIT 512KB FLASH 100TQFP                  In stock: 14613 pcs  <a href="#">RFQ</a></p>