

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

Part Number:	PIC32MK0512MCF100-E/PT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 512KB FLASH 100TQFP
	 1.PIC32MK0512MCF100-E/PT.pdf
	 2.PIC32MK0512MCF100-E/PT.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	12189 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

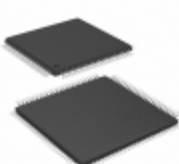
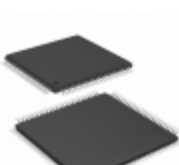
Specifications of PIC32MK0512MCF100-E/PT

PART NUMBER	PIC32MK0512MCF100-E/PT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	12189 pcs
DATA SHEET	 1.PIC32MK0512MCF100-E/PT.pdf  2.PIC32MK0512MCF100-E/PT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-TQFP (12x12)
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, I²S, POR, Motor Control PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°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	4K x 8
DETAILED DESCRIPTION	MIPS32® microActiv™ Automotive, AEC-Q100, PIC® 32MK Microcontroller IC 32-Bit 80MHz 512KB (512K x 8) FLASH 100-TQFP (12x12)
DATA CONVERTERS	A/D 42x12b
CORE SIZE	32-Bit
CORE PROCESSOR	MIPS32® microActiv™
CONNECTIVITY	CANbus, IrDA, LINbus, PMP, QEI, SPI, UART/USART, USB OTG

Related Tags

Micrel / Microchip Technology PIC32MK0512MCF100-E/PT	PIC32MK0512MCF100-E/PT Distributor	PIC32MK0512MCF100-E/PT Supplier
PIC32MK0512MCF100-E/PT Price	PIC32MK0512MCF100-E/PT Pictures	PIC32MK0512MCF100-E/PT Image
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Micrel / Microchip Technology PIC32MK0512MCF100-E/PT	Microchip Technology PIC32MK0512MCF100-E/PT	Roving Networks / Microchip Technology PIC32MK0512MCF100-E/PT

Related Products

 MICROCHIP PIC32MK0512MCF064T-E/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 64QFN In stock: 14450 pcs RFQ	 MICROCHIP PIC32MK0512MCF064-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 64TQFP In stock: 15519 pcs RFQ
 MICROCHIP PIC32MK1024GPD064-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 1MB FLASH 64TQFP In stock: 14314 pcs RFQ	 PIC32MK0512MCF100-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 32BIT 512KB FLASH 100TQFP In stock: 11578 pcs RFQ
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