Micrel / Microchip Technology

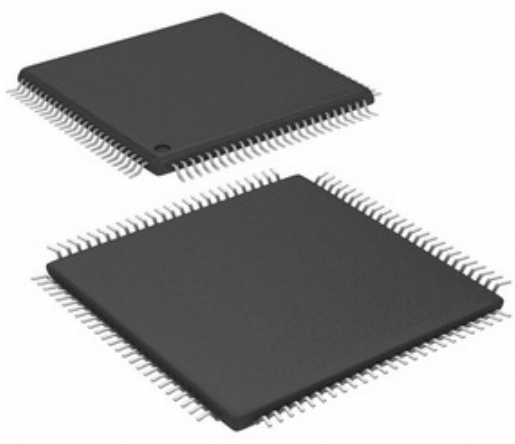


Image may be representation. See specifications for product details.

PIC32MK0512GPD100-E/PT

Part Number:	PIC32MK0512GPD100-E/PT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 32BIT 512KB FLASH 100TQFP
Datasheets:	PIC32MK0512GPD100-E/PT.pdf
RoHs Status	Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

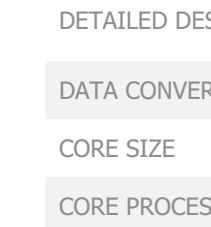
Specifications of PIC32MK0512GPD100-E/PT

PART NUMBER	PIC32MK0512GPD100-E/PT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PIC32MK0512GPD100-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	77
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	9 Weeks
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 100-TQFP (12x12)
DATA CONVERTERS	A/D 42x12b
CORE SIZE	32-Bit
CORE PROCESSOR	MIPS32® microAptiv™
CONNECTIVITY	IrDA, LINbus, PMP, QEI, SPI, UART/USART, USB OTG

Related Tags

Micrel / Microchip Technology PIC32MK0512GPD100-E/PT	PIC32MK0512GPD100-E/PT Distributor	PIC32MK0512GPD100-E/PT Supplier
PIC32MK0512GPD100-E/PT Price	PIC32MK0512GPD100-E/PT Pictures	PIC32MK0512GPD100-E/PT Image
PIC32MK0512GPD100-E/PT PDF Datasheet	PIC32MK0512GPD100-E/PT Download Datasheet	PIC32MK0512GPD100-E/PT Datasheet
PIC32MK0512GPD100-E/PT Stock	Buy PIC32MK0512GPD100-E/PT	Buy Micrel / Microchip Technology PIC32MK0512GPD100-E/PT
Micrel / Microchip Technology PIC32MK0512GPD100-E/PT	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology PIC32MK0512GPD100-E/PT	Microchip Technology PIC32MK0512GPD100-E/PT	Roving Networks / Microchip Technology PIC32MK0512GPD100-E/PT

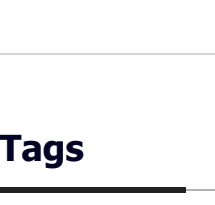
Related Products



PIC32MK0512GPE064-I/MR
Manufacturers: Micrel / Microchip Technology
Description: IC MCU 32BIT 512KB FLASH 64QFN
In stock: 640 pcs
RFQ

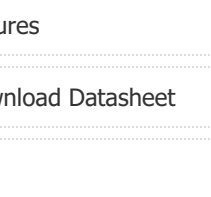
PIC32MK0512GPD064T-E/PT
Manufacturers: Micrel / Microchip Technology
Description: IC MCU 32BIT 512KB FLASH 64TQFP
In stock: Out stock
RFQ

PIC32MK0512GPE064-I/PT
Manufacturers: Micrel / Microchip Technology
Description: IC MCU 32BIT 512KB FLASH 64TQFP
In stock: 490 pcs
RFQ



PIC32MK0512GPD064T-I/PT
Manufacturers: Micrel / Microchip Technology
Description: IC MCU 32BIT 512KB FLASH 64TQFP
In stock: Out stock
RFQ

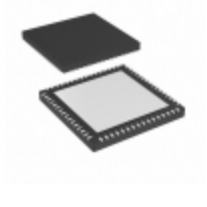
PIC32MK0512GPE064T-E/MR
Manufacturers: Micrel / Microchip Technology
Description: IC MCU 32BIT 512KB FLASH 64QFN
In stock: Out stock
RFQ



PIC32MK0512GPD064-I/MR
Manufacturers: Micrel / Microchip Technology
Description: IC MCU 32BIT 512KB FLASH 64QFN
In stock: 613 pcs
RFQ

PIC32MK0512GPD064T-I/MR
Manufacturers: Micrel / Microchip Technology
Description: IC MCU 32BIT 512KB FLASH 64QFN
In stock: Out stock
RFQ

PIC32MK0512GPD100T-E/PT
Manufacturers: Micrel / Microchip Technology
Description: IC MCU 32BIT 512KB FLASH 100TQFP
In stock: Out stock
RFQ



PIC32MK0512GPD100T-I/PT
Manufacturers: Micrel / Microchip Technology
Description: IC MCU 32BIT 512KB FLASH 100TQFP
In stock: Out stock
RFQ

PIC32MK0512GPD064-I/PT
Manufacturers: Micrel / Microchip Technology
Description: IC MCU 32BIT 512KB FLASH 64TQFP
In stock: 359 pcs
RFQ

PIC32MK0512GPD064T-E/MR
Manufacturers: Micrel / Microchip Technology
Description: IC MCU 32BIT 512KB FLASH 64QFN
In stock: Out stock
RFQ

PIC32MK0512GPD100-I/PT
Manufacturers: Micrel / Microchip Technology
Description: IC MCU 32BIT 512KB FLASH 100TQFP
In stock: 584 pcs
RFQ

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