

PIC32MK0512GPD100-I/PT





Part Number: [PIC32MK0512GPD100-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 512KB FLASH 100TQFP

Data sheet:  [PIC32MK GP,MC Family Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

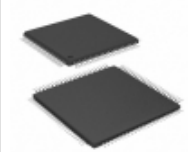
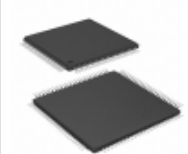
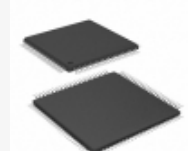
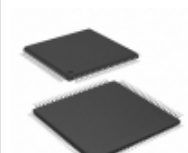
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PRODUCT PARAMETER		
Part Number	PIC32MK0512GPD100-I/PT	Manufacturer Micrel / Microchip Technology
Description	IC MCU 32BIT 512KB FLASH 100TQFP	Lead Free Status / RoHS StatusLead free / RoHS Compliant
Quantity Available	15945 pcs	Data sheet PIC32MK GP,MC Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)2.2 V ~ 3.6 V
Supplier Device Package	100-TQFP (12x12)	Speed120MHz
Series	PIC® 32MK	RAM Size128K x 8
Program Memory Type	FLASH	Program Memory Size512KB (512K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I²S, POR, Motor Control PWM, WDT	PackagingTray
Package / Case	100-TQFP	Oscillator TypeInternal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O77
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time8 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size4K x 8
Detailed Description	MIPS32® microAptiv™ PIC® 32MK Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 100-TQFP (12x12)	Data ConvertersA/D 42x12b
Core Size	32-Bit	Core ProcessorMIPS32® microAptiv™
Connectivity	IrDA, LINbus, PMP, QEI, SPI, UART/USART, USB OTG	
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	Part#: PIC32MK0512GPD100-E/PT Description: IC MCU 32BIT 512KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology RFQ
	Part#: PIC32-PINGUINO-OTG Description: MICROCHIP PIC32MX440 BOARD	Manufacturers: Olimex RFQ
	Part#: PIC32MK0512GPE064T-I/MR Description: IC MCU 32BIT 512KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology RFQ
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