

PIC32MK1024GPD100-E/PT





Part Number: [PIC32MK1024GPD100-E/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 32BIT 1MB FLASH 100TQFP

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

RoHs Status: Lead free / RoHS Compliant

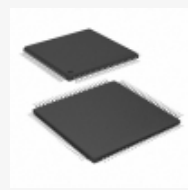
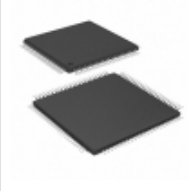
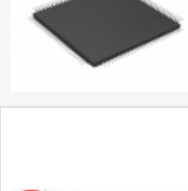
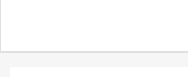
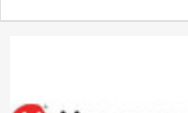
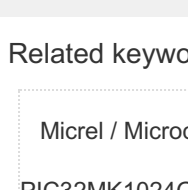
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Request For Quotation

PRODUCT PARAMETER		
Part Number	PIC32MK1024GPD100-E/PT	Manufacturer Micrel / Microchip Technology
Description	IC MCU 32BIT 1MB FLASH 100TQFP	Lead Free Status / RoHS StatusLead free / RoHS Compliant
Quantity Available	12867 pcs	Data sheet PIC32MK GP,MC Family Errata PIC32MK GP,MC Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd) Datasheet 2.2 V ~ 3.6 V
Supplier Device Package	100-TQFP (12x12)	Speed80MHz
Series	Automotive, AEC-Q100, PIC® 32MK	RAM Size256K x 8
Program Memory Type	FLASH	Program Memory Size1MB (1M 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 ~ 125°C (TA)	Number of I/O77
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time9 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size4K x 8
Detailed Description	MIPS32® microAptiv™ Automotive, AEC-Q100, PIC® 32MK Microcontroller IC 32-Bit 80MHz 1MB (1M 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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Related keywords for PIC32MK1024GPD100-E/PT

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