

PIC32MK1024GPE100-E/PT





Part Number: [PIC32MK1024GPE100-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

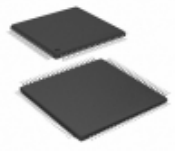
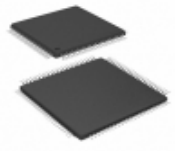
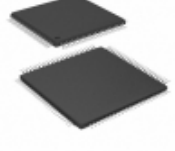
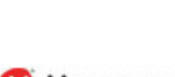
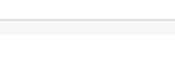
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PRODUCT PARAMETER			
Part Number	PIC32MK1024GPE100-E/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 32BIT 1MB FLASH 100TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	14335 pcs	Data sheet	PIC32MK GP,MC Family Datasheet 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)	Speed	80MHz
Series	Automotive, AEC-Q100, PIC® 32MK	RAM Size	256K x 8
Program Memory Type	FLASH	Program Memory Size	1MB (1M 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 1MB (1M x 8) FLASH 100-TQFP (12x12)	Data Converters	A/D 42x12b
Core Size	32-Bit	Core Processor	MIPS32® microAptiv™
Connectivity	CANbus, IrDA, LINbus, PMP, QEI, SPI, UART/USART, USB OTG		
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