

## PIC32MK1024GPD100-I/PT



**Part Number:** [PIC32MK1024GPD100-I/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  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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### PRODUCT PARAMETER

<b>Part Number</b>	PIC32MK1024GPD100-I/PT	<b>Manufacturer</b>	<a href="#">Micrel / Microchip Technology</a>
<b>Description</b>	IC MCU 32BIT 1MB FLASH 100TQFP	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	13451 pcs	<b>Data sheet</b>	<a href="#">PIC32MK GP,MC Family Errata</a> <a href="#">PIC32MK GP,MC Family</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage - Supply (Vcc/Vdd)</b>	<a href="#">Datasheet</a> 2.2 V ~ 3.6 V
<b>Supplier Device Package</b>	100-TQFP (12x12)	<b>Speed</b>	120MHz
<b>Series</b>	PIC® 32MK	<b>RAM Size</b>	256K x 8
<b>Program Memory Type</b>	FLASH	<b>Program Memory Size</b>	1MB (1M x 8)
<b>Peripherals</b>	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, Motor Control PWM, WDT	<b>Packaging</b>	Tray
<b>Package / Case</b>	100-TQFP	<b>Oscillator Type</b>	Internal
<b>Operating Temperature</b>	-40°C ~ 85°C (TA)	<b>Number of I/O</b>	77
<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)	<b>Manufacturer Standard Lead Time</b>	9 Weeks
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>EEPROM Size</b>	4K x 8
<b>Detailed Description</b>	MIPS32® microAptiv™ PIC® 32MK Microcontroller IC 32-Bit 120MHz 1MB (1M x 8) FLASH 100-TQFP (12x12)	<b>Data Converters</b>	A/D 42x12b
<b>Core Size</b>	32-Bit	<b>Core Processor</b>	MIPS32® microAptiv™
<b>Connectivity</b>	IrDA, LINbus, PMP, QEI, SPI, UART/USART, USB OTG		

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	<b>Part#:</b> <a href="#">PIC32MK1024GPD064-E/MR</a> <b>Description:</b> IC MCU 32BIT 1MB FLASH 64QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC32MK1024GPE064-E/PT</a> <b>Description:</b> IC MCU 32BIT 1MB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC32MK1024GPD064T-I/PT</a> <b>Description:</b> IC MCU 32BIT 1MB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PIC32MK1024GPE064-I/MR</a> <b>Description:</b> IC MCU 32BIT 1MB FLASH 64QFN	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
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