

PIC24EP512GP204T-I/MV



Part Number: [PIC24EP512GP204T-I/MV](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 512KB FLASH 48UQFN

Data sheet:  [dsPIC\(33,24\)EPzzz\(GP,MC\)20x,50x](#)
 [16-bit Embedded Control Solutions](#)
 [dsPIC\(33,24\)EPzzz\(GP,MC\)20x,50x Errata](#)

RoHs Status: Lead free / RoHS Compliant

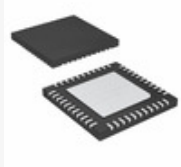
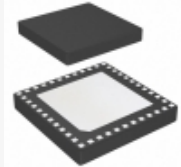
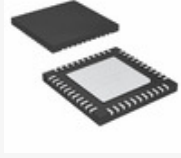
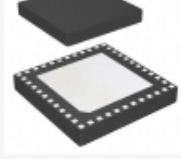
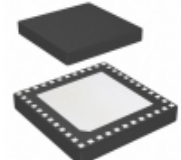
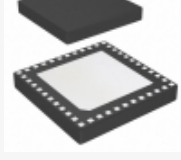
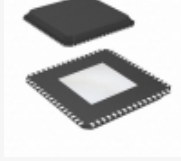
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PRODUCT PARAMETER			
Part Number	PIC24EP512GP204T-I/MV	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 512KB FLASH 48UQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	24533 pcs	Data sheet	dsPIC(33,24)EPzzz(GP,MC)20x,50x 16-bit Embedded Control Solutions dsPIC(33,24)EPzzz(GP,MC)20x,50x Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	48-UQFN (6x6)	Speed	70 MIPs
Series	PIC® 24EP	RAM Size	24K x 16
Program Memory Type	FLASH	Program Memory Size	512KB (170K x 24)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	48-UQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	35
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	PIC PIC® 24EP Microcontroller IC 16-Bit 70 MIPs 512KB (170K x 24) FLASH 48-UQFN (6x6)
Data Converters	A/D 9x10b/12b	Core Size	16-Bit
Core Processor	PIC	Connectivity	I ² C, IrDA, LINbus, SPI, UART/USART
Base Part Number	PIC24EP512GP204		
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RELATED PRODUCTS			
	Part#: PIC24EP512GP206-I/MR Description: IC MCU 16BIT 512KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC24EP512GP204-I/PT Description: IC MCU 16BIT 512KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC24EP512GP204T-I/TL Description: IC MCU 16BIT 512KB FLASH 44VTLA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC24EP512GP204-I/MV Description: IC MCU 16BIT 512KB FLASH 48UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC24EP512GP204T-E/ML Description: IC MCU 16BIT 512KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC24EP512GP206T-E/MR Description: IC MCU 16BIT 512KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC24EP512GP206-I/PT Description: IC MCU 16BIT 512KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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