

PIC24EP512GP806T-I/PT



Part Number: [PIC24EP512GP806T-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 512KB FLASH 64TQFP

Data sheet:  [16-bit Embedded Control Solutions](#)
 [dsPIC33E,PIC24E Datasheet](#)
 [dsPIC\(33,24\)EPzzz\(MU,GU\)8xx Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

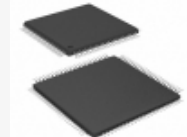
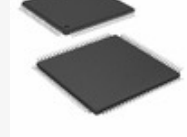
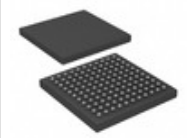
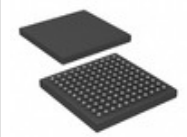
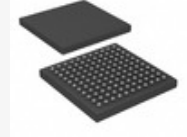
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PRODUCT PARAMETER			
Part Number	PIC24EP512GP806T-I/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 512KB FLASH 64TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	16386 pcs	Data sheet	16-bit Embedded Control Solutions dsPIC33E,PIC24E Datasheet dsPIC(33,24)EPzzz(MU,GU)8xx Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	64-TQFP (10x10)	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	64-TQFP	Other Names	PIC24EP512GP806T-I/PT-ND PIC24EP512GP806T-I/PTTR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	53	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	12 Weeks	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 64-TQFP (10x10)
Data Converters	A/D 24x10b/12b	Core Size	16-Bit
Core Processor	PIC	Connectivity	CANbus, I²C, IrDA, LINbus, SPI, UART/USART
Base Part Number	PIC24EP512GP806		
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	Part#: PIC24EP512GU810-E/PT Description: IC MCU 16BIT 512KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC24EP512GP206T-I/MR Description: IC MCU 16BIT 512KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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Related keywords for PIC24EP512GP806T-I/PT

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