




Micrel / Microchip Technology

PIC24EP512GP806-E/PT

Part Number:	PIC24EP512GP806-E/PT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 16BIT 512KB FLASH 64TQFP
Datasheets:	1.PIC24EP512GP806-E/PT.pdf 2.PIC24EP512GP806-E/PT.pdf 3.PIC24EP512GP806-E/PT.pdf
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.


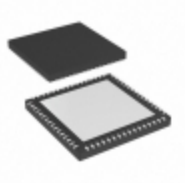



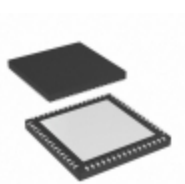
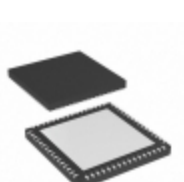
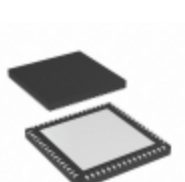

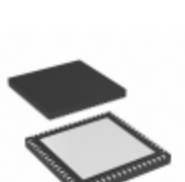

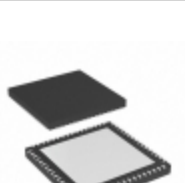
Specifications of PIC24EP512GP806-E/PT

PART NUMBER	PIC24EP512GP806-E/PT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 512KB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.PIC24EP512GP806-E/PT.pdf 2.PIC24EP512GP806-E/PT.pdf 3.PIC24EP512GP806-E/PT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-TQFP (10x10)
SPEED	60 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	Tray
PACKAGE / CASE	64-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°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 60 MIPs 512KB (170K x 24) FLASH 64-TQFP (10x10)
DATA CONVERTERS	A/D 24x10b/12b
CORE SIZE	16-Bit
CORE PROCESSOR	PIC
CONNECTIVITY	CANbus, I ² C, IrDA, LINbus, SPI, UART/USART
BASE PART NUMBER	PIC24EP512GP806

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 <p>PIC24EP512GP206-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: 295 pcs RFQ</p>	 <p>PIC24EP512GP206T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: Out stock RFQ</p>
 <p>PIC24EP512GP206T-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64TQFP In stock: Out stock RFQ</p>	 <p>PIC24EP512GP806-E/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64QFN In stock: Out stock RFQ</p>
 <p>PIC24EP512GP806-I/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64QFN In stock: 19 pcs RFQ</p>	 <p>PIC24EP512GP806T-I/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 512KB FLASH 64QFN In stock: Out stock RFQ</p>
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