

DSPIC33EP256MC504-I/PT





Part Number: [DSPIC33EP256MC504-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 256KB FLASH 44TQFP

Data sheet:  [dsPIC\(33,24\)EPzzz\(GP,MC\)20x,50x](#)
 [dsPIC\(33,24\)EPzzz\(GP,MC\)20x,50x Errata](#)

RoHs Status: Lead free / RoHS Compliant

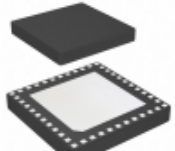
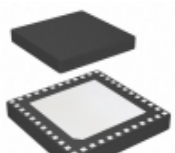
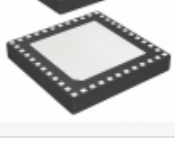
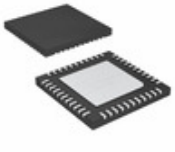
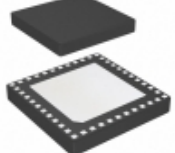
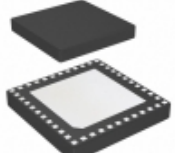
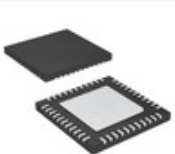
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PRODUCT PARAMETER			
Part Number	DSPIC33EP256MC504-I/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 256KB FLASH 44TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	33733 pcs	Data sheet	dsPIC(33,24)EPzzz(GP,MC)20x,50x 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	44-TQFP (10x10)	Speed	70 MIPs
Series	dsPIC™ 33EP	RAM Size	16K x 16
Program Memory Type	FLASH	Program Memory Size	256KB (85.5K x 24)
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT	Packaging	Tray
Package / Case	44-TQFP	Other Names	DSPIC33EP256MC504IPT
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	35	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	14 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 70 MIPs 256KB (85.5K x 24) FLASH 44-TQFP (10x10)
Data Converters	A/D 9x10b/12b	Core Size	16-Bit
Core Processor	dsPIC	Connectivity	CANbus, I²C, IrDA, LINbus, QEI, SPI, UART/USART
Base Part Number	DSPIC33EP256MC504		
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	Part#: DSPIC33EP256MC504-I/TL Description: IC MCU 16BIT 256KB FLASH 44VTLA	Manufacturers: Micrel / Microchip Technology	RFQ
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