

DSPIC33EP256GP502-I/SO





Part Number:

DSPIC33EP256GP502-I/SO

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 16BIT 256KB FLASH 28SOIC

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

Ship From:

Hong Kong

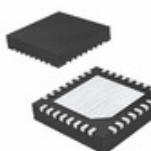
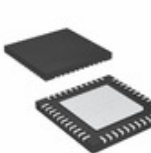
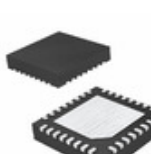
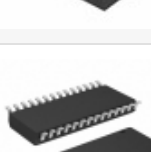
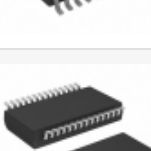
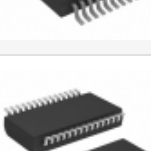
Shipment Way:

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PRODUCT PARAMETER			
Part Number	DSPIC33EP256GP502-I/SO	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 256KB FLASH 28SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	31051 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	28-SOIC	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, POR, PWM, WDT	Packaging	Tube
Package / Case	28-SOIC (0.295", 7.50mm Width)	Other Names	DSPIC33EP256GP502ISO
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	21	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	7 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 28-SOIC
Data Converters	A/D 6x10b/12b	Core Size	16-Bit
Core Processor	dsPIC	Connectivity	CANbus, I²C, IrDA, LINbus, SPI, UART/USART
Base Part Number	DSPIC33EP256GP502		
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	Part#: DSPIC33EP256GP502-E/SP Description: IC MCU 16BIT 256KB FLASH 28SDIP	Manufacturers: Micrel / Microchip Technology	RFQ

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