

DSPIC33EP32GS505-E/PT





Part Number: [DSPIC33EP32GS505-E/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 32KB FLASH 48TQFP

Data sheet:  [dsPIC33EPxxGS50x Family](#)
 [dsPIC33EPXXGS50X Family Errata](#)

RoHs Status: Lead free / RoHS Compliant

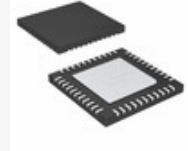
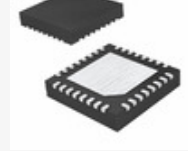
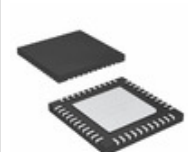
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Request For Quotation

PRODUCT PARAMETER			
Part Number	DSPIC33EP32GS505-E/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 32KB FLASH 48TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	29143 pcs	Data sheet	dsPIC33EPxxGS50x Family dsPIC33EPXXGS50X Family Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V
Supplier Device Package	48-TQFP-EP (7x7)	Speed	60 MIPs
Series	Automotive, AEC-Q100, dsPIC™ 33EP	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (32K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tray
Package / Case	48-TQFP Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	35
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	dsPIC Automotive, AEC-Q100, dsPIC™ 33EP Microcontroller IC 16-Bit 60 MIPs 32KB (32K x 8) FLASH 48-TQFP-EP (7x7)	Data Converters	A/D 19x12b, D/A 1x12b
Core Size	16-Bit	Core Processor	dsPIC
Connectivity	PC, IrDA, LINbus, SPI, UART/USART		
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RELATED PRODUCTS			
	Part#: DSPIC33EP32GS506-I/PT Description: IC MCU 16BIT 32KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP32GS502T-I/SO Description: IC MCU 16BIT 32KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP32GS506T-E/PT Description: IC MCU 16BIT 32KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP32GS504T-I/ML Description: IC MCU 16BIT 32KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP32MC202-E/SP Description: IC MCU 16BIT 32KB FLASH 28SDIP	Manufacturers: Micrel / Microchip Technology	RFQ
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