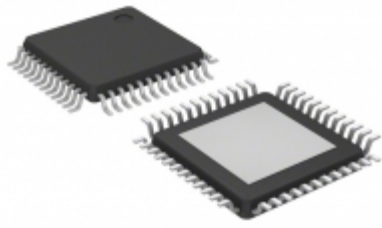


DSPIC33EP16GS505T-E/PT





Part Number: [DSPIC33EP16GS505T-E/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 16KB FLASH 48TQFP

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

RoHs Status: Lead free / RoHS Compliant

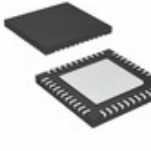
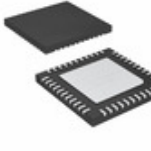
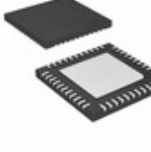
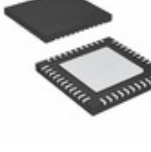
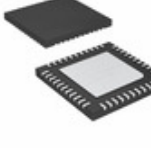
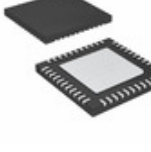
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	DSPIC33EP16GS505T-E/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 16KB FLASH 48TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	32871 pcs	Data sheet	dsPIC33EPxxGS50x Family dsPIC33EPXXGS50X Family
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Errata 3 V ~ 3.6 V
Supplier Device Package	48-TQFP-EP (7x7)	Speed	60 MIPs
Series	Automotive, AEC-Q100, dsPIC™ 33EP	RAM Size	2K x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	48-TQFP Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C	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 16KB (16K 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	Base Part Number	DSPIC33EP16GS505
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RELATED PRODUCTS			
	Part#: DSPIC33EP16GS504-E/PT Description: IC MCU 16BIT 16KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP16GS506-E/PT Description: IC MCU 16BIT 16KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP16GS504-I/ML Description: IC MCU 16BIT 16KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP16GS504T-I/ML Description: IC MCU 16BIT 16KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP16GS506-I/PT Description: IC MCU 16BIT 16KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP16GS505T-I/PT Description: IC MCU 16BIT 16KB FLASH 48TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP16GS504-I/PT Description: IC MCU 16BIT 16KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP16GS505-E/PT Description: IC MCU 16BIT 16KB FLASH 48TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256GM304-I/ML Description: IC MCU 16BIT 256KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP16GS504-E/ML Description: IC MCU 16BIT 16KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP256GM304-H/PT Description: IC MCU 16BIT 256KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP16GS506T-E/PT Description: IC MCU 16BIT 16KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for DSPIC33EP16GS505T-E/PT

Micrel / Microchip Technology	DSPIC33EP16GS505T-E/PT distributor	DSPIC33EP16GS505T-E/PT supplier	DSPIC33EP16GS505T-E/PT price
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