

DSPIC33EP16GS504T-E/ML





Part Number: [DSPIC33EP16GS504T-E/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 16KB FLASH 44QFN

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

RoHs Status: Lead free / RoHS Compliant

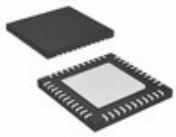
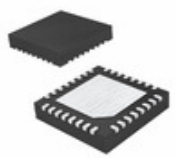
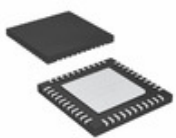
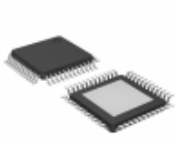
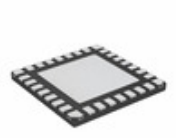
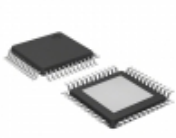
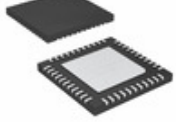
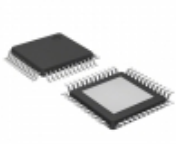
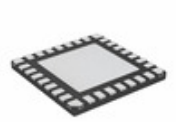
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Request For Quotation

PRODUCT PARAMETER			
Part Number	DSPIC33EP16GS504T-E/ML	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 16KB FLASH 44QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	32775 pcs	Data sheet	dsPIC33EPxxGS50x Family dsPIC33EPXXGS50X Family Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	44-QFN (8x8)	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	44-VQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	35
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	9 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 44-QFN (8x8)	Data Converters	A/D 19x12b, D/A 1x12b
Core Size	16-Bit	Core Processor	dsPIC
Connectivity	I²C, IrDA, LINbus, SPI, UART/USART	Base Part Number	DSPIC33EP16GS504
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RELATED PRODUCTS			
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	Part#: DSPIC33EP16GS504-E/ML Description: IC MCU 16BIT 16KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP16GS505T-E/PT Description: IC MCU 16BIT 16KB FLASH 48TQFP	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
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	Part#: DSPIC33EP16GS504T-I/PT Description: IC MCU 16BIT 16KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP16GS504-I/ML Description: IC MCU 16BIT 16KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP16GS505-I/PT Description: IC MCU 16BIT 16KB FLASH 48TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP16GS502T-E/SO Description: IC MCU 16BIT 16KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP16GS502T-E/MX Description: IC MCU 16BIT 16KB FLASH 28UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	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

Related keywords for DSPIC33EP16GS504T-E/ML

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