

DSPIC33EP32GS506-E/PT



Part Number: [DSPIC33EP32GS506-E/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 32KB FLASH 64TQFP

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

RoHs Status: Lead free / RoHS Compliant

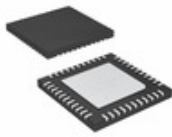
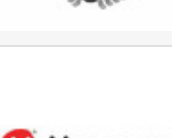
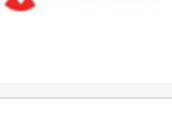
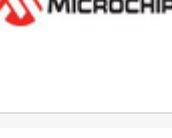
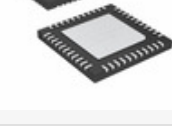
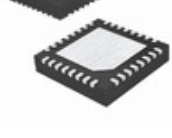
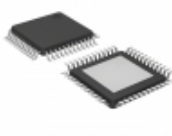
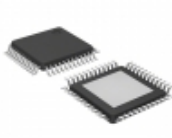
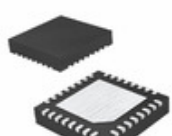
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PRODUCT PARAMETER			
Part Number	DSPIC33EP32GS506-E/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 32KB FLASH 64TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	28497 pcs	Data sheet	dsPIC33EPxxGS50x Family dsPIC33EPXXGS50X Family
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Errata 3 V ~ 3.6 V
Supplier Device Package	64-TQFP (10x10)	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	64-TQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	53
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	14 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 64-TQFP (10x10)	Data Converters	A/D 22x12b, D/A 2x12b
Core Size	16-Bit	Core Processor	dsPIC
Connectivity	PC, IrDA, LINbus, SPI, UART/USART	Base Part Number	DSPIC33EP32GS506
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RELATED PRODUCTS			
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	Part#: DSPIC33EP32GS504T-I/PT Description: IC MCU 16BIT 32KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP32MC202-H/SP Description: IC MCU 16BIT 32KB FLASH 28SDIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP32GS505T-I/PT Description: IC MCU 16BIT 32KB FLASH 48TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP32GS504T-E/PT Description: IC MCU 16BIT 32KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP32GS506T-I/PT Description: IC MCU 16BIT 32KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP32GS504T-E/ML Description: IC MCU 16BIT 32KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP32MC202-E/SO Description: IC MCU 16BIT 32KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP32GS506-I/PT Description: IC MCU 16BIT 32KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP32GS506T-E/PT Description: IC MCU 16BIT 32KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP32GS504-I/ML Description: IC MCU 16BIT 32KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP32MC202-H/MM Description: IC MCU 16BIT 32KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP32MC202-H/SO Description: IC MCU 16BIT 32KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP32GS505-I/PT Description: IC MCU 16BIT 32KB FLASH 48TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP32GS504-I/PT Description: IC MCU 16BIT 32KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP32MC202-E/SP Description: IC MCU 16BIT 32KB FLASH 28SDIP	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for DSPIC33EP32GS506-E/PT

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