

DSPIC33EP64GS502-E/SO





Part Number: [DSPIC33EP64GS502-E/SO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 64KB FLASH 28SOIC

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

RoHs Status: Lead free / RoHS Compliant

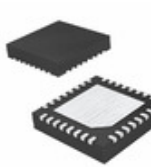
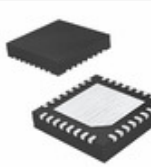
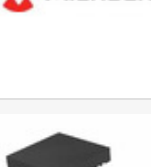
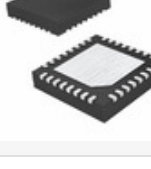
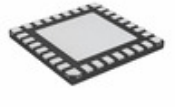
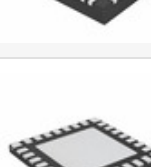
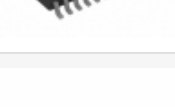
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PRODUCT PARAMETER			
Part Number	DSPIC33EP64GS502-E/SO	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 64KB FLASH 28SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	25772 pcs	Data sheet	dsPIC33EPxxGS50x Family dsPIC33EPXXGS50X Family
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Errata 3 V ~ 3.6 V
Supplier Device Package	28-SOIC	Speed	60 MIPs
Series	Automotive, AEC-Q100, dsPIC™ 33EP	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tube
Package / Case	28-SOIC (0.295", 7.50mm Width)	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	21
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	8 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 64KB (64K x 8) FLASH 28-SOIC	Data Converters	A/D 12x12b, D/A 1x12b
Core Size	16-Bit	Core Processor	dsPIC
Connectivity	I²C, IrDA, LINbus, SPI, UART/USART	Base Part Number	DSPIC33EP64GS502
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	Part#: DSPIC33EP64GP506-E/PT Description: IC MCU 16BIT 64KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP64GS502-I/2N Description: IC MCU 16BIT 64KB FLASH 28UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
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Related keywords for DSPIC33EP64GS502-E/SO

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