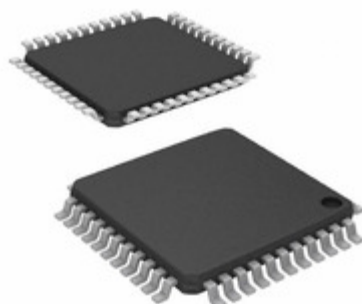


DSPIC33EP64GS504-I/PT





Part Number: [DSPIC33EP64GS504-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 64KB FLASH 44TQFP

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

RoHs Status: Lead free / RoHS Compliant

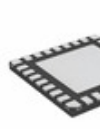
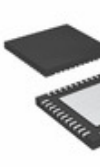
Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	DSPIC33EP64GS504-I/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 64KB FLASH 44TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	28453 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-TQFP (10x10)	Speed	70 MIPs
Series	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	Tray
Package / Case	44-TQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	35
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 dsPIC™ 33EP Microcontroller IC 16-Bit 70 MIPs 64KB (64K x 8) FLASH 44-TQFP (10x10)	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	DSPIC33EP64GS504
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	Part#: DSPIC33EP64GS505-I/PT Description: IC MCU 16BIT 64KB FLASH 48TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP64GS502T-I/MX Description: IC MCU 16BIT 64KB FLASH 28UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP64GS504T-E/ML Description: IC MCU 16BIT 64KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP64GS504T-E/PT Description: IC MCU 16BIT 64KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP64GS502T-E/MX Description: IC MCU 16BIT 64KB FLASH 28UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP64GS506-E/PT Description: IC MCU 16BIT 64KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ

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