



Microchip Technology

## DSPIC33EP64GS504-E/ML

Part Number:	DSPIC33EP64GS504-E/ML
Manufacturer/Brand:	Micro Commercial Components (MCC)
Product description:	IC MCU 16BIT 64KB FLASH 44QFN
Datasheets:	<a href="#">PDF DSPIC33EP64GS504-E/ML.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

### Specifications of DSPIC33EP64GS504-E/ML

PART NUMBER	DSPIC33EP64GS504-E/ML
MANUFACTURER	Microchip Technology
DESCRIPTION	IC MCU 16BIT 64KB FLASH 44QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF DSPIC33EP64GS504-E/ML.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	FLASH
VOLTAGE - BREAKDOWN	44-QFN (8x8)
SERIES	Automotive, AEC-Q100, dsPIC™ 33EP
ROHS STATUS	Tube
REVERSE RECOVERY TIME (TRR)	60 MIPs
REQUIRES	Brown-out Detect/Reset, POR, PWM, WDT
PROGRAM MEMORY TYPE	64KB (64K x 8)
PROGRAM MEMORY SIZE	I <sup>2</sup> C, IrDA, LIN, SPI, UART/USART
POLARIZATION	44-VQFN Exposed Pad
OSCILLATOR TYPE	A/D 19x12b, D/A 1x12b
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
OPERATING SYSTEM	dsPIC
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	14 Weeks
MANUFACTURER PART NUMBER	DSPIC33EP64GS504-E/ML
EXPANDED DESCRIPTION	dsPIC Automotive, AEC-Q100, dsPIC™ 33EP Microcontroller IC 16-Bit 60 MIPs 64KB (64K x 8) FLASH 44-QFN (8x8)
DESCRIPTION	IC MCU 16BIT 64KB FLASH 44QFN
DATA SRAM BYTES	-
DATA CONVERTERS	3 V ~ 3.6 V
CORE SIZE	8K x 8
CONTROLLER SERIES	Internal
CONNECTIVITY	16-Bit
CLOCK RATE	35

### Related Tags

Micro Commercial Components (MCC) DSPIC33EP64GS504-E/ML	DSPIC33EP64GS504-E/ML Distributor	DSPIC33EP64GS504-E/ML Supplier
DSPIC33EP64GS504-E/ML Price	DSPIC33EP64GS504-E/ML Pictures	DSPIC33EP64GS504-E/ML Image
DSPIC33EP64GS504-E/ML PDF Datasheet	DSPIC33EP64GS504-E/ML Download Datasheet	DSPIC33EP64GS504-E/ML Datasheet
DSPIC33EP64GS504-E/ML Stock	Buy DSPIC33EP64GS504-E/ML	Buy Micro Commercial Components (MCC) DSPIC33EP64GS504-E/ML
Micro Commercial Components (MCC) DSPIC33EP64GS504-E/ML	Micro Commercial Components (MCC) Supplier	Micro Commercial Components (MCC) Distributor
Micro Commercial Components (MCC) DSPIC33EP64GS504-E/ML	Micro Commercial Components DSPIC33EP64GS504-E/ML	MCC DSPIC33EP64GS504-E/ML
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### Related Products

<p><b>DSPIC33EP64GS502T-E/SO</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 64KB FLASH 28SOIC In stock: Out stock <a href="#">RFQ</a></p>	<p><b>DSPIC33EP64GS504-I/PT</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 64KB FLASH 44TQFP In stock: 464 pcs <a href="#">RFQ</a></p>
<p><b>DSPIC33EP64GS502T-I/SO</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 64KB FLASH 28SOIC In stock: Out stock <a href="#">RFQ</a></p>	<p><b>DSPIC33EP64GS504-I/ML</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 64KB FLASH 44QFN In stock: 82 pcs <a href="#">RFQ</a></p>
<p><b>DSPIC33EP64GS502T-I/MM</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 64KB FLASH 28QFN In stock: Out stock <a href="#">RFQ</a></p>	<p><b>DSPIC33EP64GS504T-E/PT</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 64KB FLASH 44TQFP In stock: Out stock <a href="#">RFQ</a></p>
<p><b>DSPIC33EP64GS504-E/PT</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 64KB FLASH 44TQFP In stock: Out stock <a href="#">RFQ</a></p>	<p><b>DSPIC33EP64GS502T-I/2N</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 64KB FLASH 28UQFN In stock: Out stock <a href="#">RFQ</a></p>
<p><b>DSPIC33EP64GS502T-E/MX</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 64KB FLASH 28UQFN In stock: Out stock <a href="#">RFQ</a></p>	<p><b>DSPIC33EP64GS502T-I/MX</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 64KB FLASH 28UQFN In stock: Out stock <a href="#">RFQ</a></p>
<p><b>DSPIC33EP64GS504T-E/ML</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 64KB FLASH 44QFN In stock: Out stock <a href="#">RFQ</a></p>	<p><b>DSPIC33EP64GS504T-I/ML</b> Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 64KB FLASH 44QFN In stock: Out stock <a href="#">RFQ</a></p>