



Micrel / Microchip Technology

## DSPIC33EP128GP504-E/TL

Part Number:	DSPIC33EP128GP504-E/TL
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 16BIT 128KB FLASH 44VTLA
Datasheets:	<a href="#">1.DSPIC33EP128GP504-E/TL.pdf</a> <a href="#">2.DSPIC33EP128GP504-E/TL.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	6114 pcs stock
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 DSPIC33EP128GP504-E/TL

PART NUMBER	DSPIC33EP128GP504-E/TL
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 128KB FLASH 44VTLA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6114 pcs
DATA SHEET	<a href="#">1.DSPIC33EP128GP504-E/TL.pdf</a> <a href="#">2.DSPIC33EP128GP504-E/TL.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	44-VTLA (6x6)
SPEED	60 MIPs
SERIES	dsPIC™ 33EP
RAM SIZE	8K x 16
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (43K x 24)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	44-VFTLA Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	35
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 60 MIPs 128KB (43K x 24) FLASH 44-VTLA (6x6)
DATA CONVERTERS	A/D 9x10b/12b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	CANbus, I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART
BASE PART NUMBER	DSPIC33EP128GP504

### Related Tags

Micrel / Microchip Technology DSPIC33EP128GP504-E/TL	DSPIC33EP128GP504-E/TL Distributor	DSPIC33EP128GP504-E/TL Supplier
DSPIC33EP128GP504-E/TL Price	DSPIC33EP128GP504-E/TL Pictures	DSPIC33EP128GP504-E/TL Image
DSPIC33EP128GP504-E/TL PDF Datasheet	DSPIC33EP128GP504-E/TL Download Datasheet	DSPIC33EP128GP504-E/TL Datasheet
DSPIC33EP128GP504-E/TL Stock	Buy DSPIC33EP128GP504-E/TL	Buy Micrel / Microchip Technology DSPIC33EP128GP504-E/TL
Micrel / Microchip Technology DSPIC33EP128GP504-E/TL	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology DSPIC33EP128GP504-E/TL	Microchip Technology DSPIC33EP128GP504-E/TL	Roving Networks / Microchip Technology DSPIC33EP128GP504-E/TL

### Related Products

<p><b>DSPIC33EP128GP504-E/MV</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 48UQFN                  In stock: 27939 pcs  <b>RFQ</b></p>	<p><b>DSPIC33EP128GP504-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 44TQFP                  In stock: 35981 pcs  <b>RFQ</b></p>
<p><b>DSPIC33EP128GP504-H/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 44TQFP                  In stock: 6738 pcs  <b>RFQ</b></p>	<p><b>DSPIC33EP128GP504-H/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 44QFN                  In stock: 5918 pcs  <b>RFQ</b></p>
<p><b>DSPIC33EP128GP504-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 44QFN                  In stock: 30523 pcs  <b>RFQ</b></p>	<p><b>DSPIC33EP128GP504-I/MV</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 48UQFN                  In stock: 32479 pcs  <b>RFQ</b></p>
<p><b>DSPIC33EP128GP504-E/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 44QFN                  In stock: 27728 pcs  <b>RFQ</b></p>	<p><b>DSPIC33EP128GP502T-I/MM</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 28QFN                  In stock: 38041 pcs  <b>RFQ</b></p>
<p><b>DSPIC33EP128GP502T-I/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 28SSOP                  In stock: 6864 pcs  <b>RFQ</b></p>	<p><b>DSPIC33EP128GP504-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 44TQFP                  In stock: 5103 pcs  <b>RFQ</b></p>
<p><b>DSPIC33EP128GP502T-I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 28SOIC                  In stock: 4116 pcs  <b>RFQ</b></p>	<p><b>DSPIC33EP128GP504-H/TL</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 44VTLA                  In stock: 3177 pcs  <b>RFQ</b></p>