



Micrel / Microchip Technology

## DSPIC33EP256GM304-H/PT

Part Number:	DSPIC33EP256GM304-H/PT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 16BIT 256KB FLASH 44TQFP
Datasheets:	<a href="#">1.DSPIC33EP256GM304-H/PT.pdf</a> <a href="#">2.DSPIC33EP256GM304-H/PT.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	6901 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of DSPIC33EP256GM304-H/PT

PART NUMBER	DSPIC33EP256GM304-H/PT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 256KB FLASH 44TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6901 pcs
DATA SHEET	<a href="#">1.DSPIC33EP256GM304-H/PT.pdf</a> <a href="#">2.DSPIC33EP256GM304-H/PT.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	-
SUPPLIER DEVICE PACKAGE	44-TQFP (10x10)
SPEED	-
SERIES	dsPIC™ 33EP
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (85.5K x 24)
PERIPHERALS	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, Motor Control PWM, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	44-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 150°C (TA)
NUMBER OF I/O	35
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 256KB (85.5K x 24) FLASH 44-TQFP (10x10)
DATA CONVERTERS	A/D 18x10b/12b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	I <sup>2</sup> C, IrDA, LINbus, QEI, SPI, UART/USART
BASE PART NUMBER	DSPIC33EP256GM304

### Related Tags

Micrel / Microchip Technology DSPIC33EP256GM304-H/PT	DSPIC33EP256GM304-H/PT Distributor	DSPIC33EP256GM304-H/PT Supplier
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### Related Products

<p><b>DSPIC33EP16GS506T-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 16KB FLASH 64TQFP                  In stock: 26080 pcs  <a href="#">RFQ</a></p>	<p><b>DSPIC33EP16GS506-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 16KB FLASH 64TQFP                  In stock: 29741 pcs  <a href="#">RFQ</a></p>
<p><b>DSPIC33EP256GM306-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 256KB FLASH 64TQFP                  In stock: 16132 pcs  <a href="#">RFQ</a></p>	<p><b>DSPIC33EP256GM304-H/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 256KB FLASH 44QFN                  In stock: 2885 pcs  <a href="#">RFQ</a></p>
<p><b>DSPIC33EP16GS506T-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 16KB FLASH 64TQFP                  In stock: 30589 pcs  <a href="#">RFQ</a></p>	<p><b>DSPIC33EP256GM306-E/MR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 256KB FLASH 64QFN                  In stock: 17561 pcs  <a href="#">RFQ</a></p>
<p><b>DSPIC33EP256GM304-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 256KB FLASH 44TQFP                  In stock: 19994 pcs  <a href="#">RFQ</a></p>	<p><b>DSPIC33EP256GM304-E/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 256KB FLASH 44QFN                  In stock: 18690 pcs  <a href="#">RFQ</a></p>
<p><b>DSPIC33EP256GM304T-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 256KB FLASH 44QFN                  In stock: 2816 pcs  <a href="#">RFQ</a></p>	<p><b>DSPIC33EP256GM304-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 256KB FLASH 44QFN                  In stock: 17583 pcs  <a href="#">RFQ</a></p>
<p><b>DSPIC33EP256GM304T-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 256KB FLASH 44TQFP                  In stock: 6554 pcs  <a href="#">RFQ</a></p>	<p><b>DSPIC33EP256GM304-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 256KB FLASH 44TQFP                  In stock: 20422 pcs  <a href="#">RFQ</a></p>