



Micrel / Microchip Technology

## DSPIC33EP256GM706T-I/PT

Part Number:	DSPIC33EP256GM706T-I/PT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 16BIT 256KB FLASH 64QFN
Datasheets:	<a href="#">1.DSPIC33EP256GM706T-I/PT.pdf</a> <a href="#">2.DSPIC33EP256GM706T-I/PT.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	19339 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 DSPIC33EP256GM706T-I/PT

PART NUMBER	DSPIC33EP256GM706T-I/PT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 256KB FLASH 64QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	19339 pcs
DATA SHEET	<a href="#">1.DSPIC33EP256GM706T-I/PT.pdf</a> <a href="#">2.DSPIC33EP256GM706T-I/PT.pdf</a>
SUPPLIER DEVICE PACKAGE	64-TQFP (10x10)
SPEED	70 MIPS
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	Tape & Reel (TR)
PACKAGE / CASE	64-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	53
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 70 MIPS 256KB (85.5K x 24) FLASH 64-TQFP (10x10)
DATA CONVERTERS	A/D 30x10b/12b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	CANbus, I <sup>2</sup> C, IrDA, LINbus, QEI, SPI, UART/USART

### Related Tags

Micrel / Microchip Technology DSPIC33EP256GM706T-I/PT	DSPIC33EP256GM706T-I/PT Distributor	DSPIC33EP256GM706T-I/PT Supplier
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### Related Products

<p><b>DSPIC33EP256GM710-E/BG</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 256KB FLASH 121BGA                  In stock: 13764 pcs  <a href="#">RFQ</a></p>	<p><b>DSPIC33EP256GM706-I/MR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 256KB FLASH 64QFN                  In stock: 16418 pcs  <a href="#">RFQ</a></p>
<p><b>DSPIC33EP256GM710-H/PF</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 256KB FLASH 100TQFP                  In stock: 6993 pcs  <a href="#">RFQ</a></p>	<p><b>DSPIC33EP256GM706-H/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 256KB FLASH 64QFN                  In stock: 14645 pcs  <a href="#">RFQ</a></p>
<p><b>DSPIC33EP256GM706-H/MR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 256KB FLASH 64QFN                  In stock: 5634 pcs  <a href="#">RFQ</a></p>	<p><b>DSPIC33EP256GM710-H/BG</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 256KB FLASH 121BGA                  In stock: 11796 pcs  <a href="#">RFQ</a></p>
<p><b>DSPIC33EP256GM710-E/PF</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 256KB FLASH 100TQFP                  In stock: 14265 pcs  <a href="#">RFQ</a></p>	<p><b>DSPIC33EP256GM706T-I/MR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 256KB FLASH 64QFN                  In stock: 5431 pcs  <a href="#">RFQ</a></p>
<p><b>DSPIC33EP256GM706-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 256KB FLASH 64QFN                  In stock: 21585 pcs  <a href="#">RFQ</a></p>	<p><b>DSPIC33EP256GM710-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 256KB FLASH 100TQFP                  In stock: 14770 pcs  <a href="#">RFQ</a></p>
<p><b>DSPIC33EP256GM710-H/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 256KB FLASH 100TQFP                  In stock: 3988 pcs  <a href="#">RFQ</a></p>	<p><b>DSPIC33EP256GM706-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 256KB FLASH 64QFN                  In stock: 19666 pcs  <a href="#">RFQ</a></p>

