




Micrel / Microchip Technology

## DSPIC33EP128GS806-I/PT

Part Number:	DSPIC33EP128GS806-I/PT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 16BIT 128KB FLASH 64TQFP
Datasheets:	<a href="#">1.DSPIC33EP128GS806-I/PT.pdf</a> <a href="#">2.DSPIC33EP128GS806-I/PT.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.

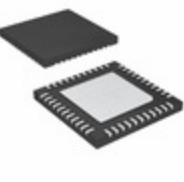







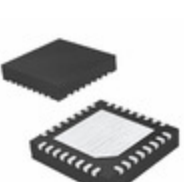



### Specifications of DSPIC33EP128GS806-I/PT

PART NUMBER	DSPIC33EP128GS806-I/PT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 128KB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.DSPIC33EP128GS806-I/PT.pdf</a> <a href="#">2.DSPIC33EP128GS806-I/PT.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-TQFP (10x10)
SPEED	70 MIPs
SERIES	dsPIC™ 33EP
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (43K x 24)
PERIPHERALS	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-TQFP
OTHER NAMES	DSPIC33EP128GS806-I/PT -ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	51
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	8 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 70 MIPs 128KB (43K x 24) FLASH 64-TQFP (10x10)
DATA CONVERTERS	A/D 22x12b, D/A 2x12b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	CANbus, I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART

### Related Tags

Micrel / Microchip Technology DSPIC33EP128GS806-I/PT	DSPIC33EP128GS806-I/PT Distributor	DSPIC33EP128GS806-I/PT Supplier
DSPIC33EP128GS806-I/PT Price	DSPIC33EP128GS806-I/PT Pictures	DSPIC33EP128GS806-I/PT Image
DSPIC33EP128GS806-I/PT PDF Datasheet	DSPIC33EP128GS806-I/PT Download Datasheet	DSPIC33EP128GS806-I/PT Datasheet
DSPIC33EP128GS806-I/PT Stock	Buy DSPIC33EP128GS806-I/PT	Buy Micrel / Microchip Technology DSPIC33EP128GS806-I/PT
Micrel / Microchip Technology DSPIC33EP128GS806-I/PT	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology DSPIC33EP128GS806-I/PT	Microchip Technology DSPIC33EP128GS806-I/PT	Roving Networks / Microchip Technology DSPIC33EP128GS806-I/PT

### Related Products

 <p><b>DSPIC33EP128GS804T-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 44VQFN                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>DSPIC33EP128GS805-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 48TQFP                  In stock: 433 pcs  <a href="#">RFQ</a></p>
 <p><b>DSPIC33EP128MC202-E/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 28SOIC                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>DSPIC33EP128GS806T-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 64TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>DSPIC33EP128GS805T-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 48TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>DSPIC33EP128GS806-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 64TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>DSPIC33EP128GS804T-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 44TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>DSPIC33EP128GS808-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 80TQFP                  In stock: 638 pcs  <a href="#">RFQ</a></p>
 <p><b>DSPIC33EP128MC202-E/MM</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 28QFN                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>DSPIC33EP128GS808T-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 80TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>DSPIC33EP128GS808-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 80TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>DSPIC33EP128GS805-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 48TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>

