



Micrel / Microchip Technology

## DSPIC33EP64GS805T-I/PT

Part Number:	DSPIC33EP64GS805T-I/PT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 16BIT 64KB FLASH 48TQFP
Datasheets:	<a href="#">1.DSPIC33EP64GS805T-I/PT.pdf</a> <a href="#">2.DSPIC33EP64GS805T-I/PT.pdf</a>
RoHs Status:	Lead free / RoHS Compliant
Stock Condition:	22808 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 DSPIC33EP64GS805T-I/PT

PART NUMBER	DSPIC33EP64GS805T-I/PT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 64KB FLASH 48TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	22808 pcs
DATA SHEET	<a href="#">1.DSPIC33EP64GS805T-I/PT.pdf</a> <a href="#">2.DSPIC33EP64GS805T-I/PT.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	48-TQFP (7x7)
SPEED	70 MIPS
SERIES	dsPIC™ 33EP
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	48-TQFP
OTHER NAMES	DSPIC33EP64GS805T-I/PT-ND DSPIC33EP64GS805T-I/PTTR
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	33
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 64KB (64K x 8) FLASH 48-TQFP (7x7)
DATA CONVERTERS	A/D 17x12b, D/A 1x12b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART

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<p><b>DSPIC33EP64GS806T-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 64TQFP                  In stock: 23661 pcs  <a href="#">RFQ</a></p>	<p><b>DSPIC33EP64GS808T-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 80TQFP                  In stock: 18874 pcs  <a href="#">RFQ</a></p>
<p><b>DSPIC33EP64GS805-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 48TQFP                  In stock: 17724 pcs  <a href="#">RFQ</a></p>	<p><b>DSPIC33EP64GS805-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 48TQFP                  In stock: 23156 pcs  <a href="#">RFQ</a></p>
<p><b>DSPIC33EP64GS808-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 80TQFP                  In stock: 16827 pcs  <a href="#">RFQ</a></p>	<p><b>DSPIC33EP64GS804T-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 44TQFP                  In stock: 24349 pcs  <a href="#">RFQ</a></p>
<p><b>DSPIC33EP64GS806-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 64TQFP                  In stock: 21427 pcs  <a href="#">RFQ</a></p>	<p><b>DSPIC33EP64GS806-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 64TQFP                  In stock: 16238 pcs  <a href="#">RFQ</a></p>
<p><b>DSPIC33EP64GS808-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 80TQFP                  In stock: 21853 pcs  <a href="#">RFQ</a></p>	<p><b>DSPIC33EP64GS804T-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 44QFN                  In stock: 23578 pcs  <a href="#">RFQ</a></p>
<p><b>DSPIC33EP64GS804-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 44QFN                  In stock: 23949 pcs  <a href="#">RFQ</a></p>	<p><b>DSPIC33EP64GS804-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 44TQFP                  In stock: 15847 pcs  <a href="#">RFQ</a></p>