



Micrel / Microchip Technology

DSPIC33EP16GS506T-E/PT

Part Number:	DSPIC33EP16GS506T-E/PT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 16BIT 16KB FLASH 64TQFP
Datasheets:	1.DSPIC33EP16GS506T-E/PT.pdf 2.DSPIC33EP16GS506T-E/PT.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	26080 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 DSPIC33EP16GS506T-E/PT

PART NUMBER	DSPIC33EP16GS506T-E/PT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 16KB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	26080 pcs
DATA SHEET	1.DSPIC33EP16GS506T-E/PT.pdf 2.DSPIC33EP16GS506T-E/PT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-TQFP (10x10)
SPEED	60 MIPs
SERIES	Automotive, AEC-Q100, dsPIC™ 33EP
RAM SIZE	2K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	16KB (16K x 8)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	64-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	53
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	dsPIC Automotive, AEC-Q100, dsPIC™ 33EP Microcontroller IC 16-Bit 60 MIPs 16KB (16K x 8) FLASH 64-TQFP (10x10)
DATA CONVERTERS	A/D 22x12b, D/A 2x12b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	I ² C, IrDA, LINbus, SPI, UART/USART
BASE PART NUMBER	DSPIC33EP16GS506

Related Tags

Micrel / Microchip Technology DSPIC33EP16GS506T-E/PT	DSPIC33EP16GS506T-E/PT Distributor	DSPIC33EP16GS506T-E/PT Supplier
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<p>DSPIC33EP16GS506-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 64TQFP In stock: 29741 pcs RFQ</p>	<p>DSPIC33EP16GS506-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 64TQFP In stock: 27738 pcs RFQ</p>
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<p>DSPIC33EP256GM304-E/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 256KB FLASH 44QFN In stock: 18690 pcs RFQ</p>	<p>DSPIC33EP16GS505T-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 48TQFP In stock: 36537 pcs RFQ</p>
<p>DSPIC33EP16GS506T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 64TQFP In stock: 30589 pcs RFQ</p>	<p>DSPIC33EP256GM304-H/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 256KB FLASH 44QFN In stock: 2885 pcs RFQ</p>