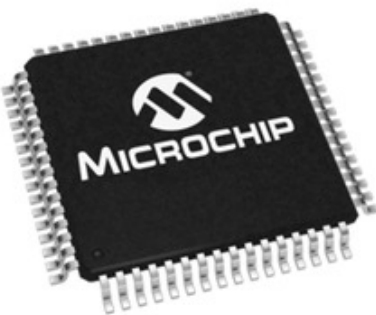


MICROCHIP

Micrel / Microchip Technology



Part Number:	DSPIC33EP16GS506-E/PT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 16BIT 16KB FLASH 64TQFP
Datasheets:	 1.DSPIC33EP16GS506-E/PT.pdf
	 2.DSPIC33EP16GS506-E/PT.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	27738 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

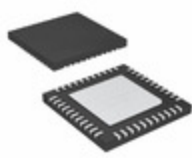
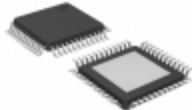
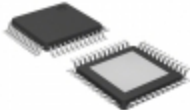
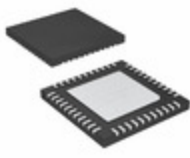
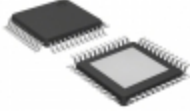
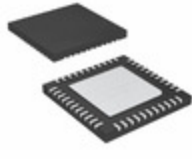
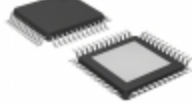
Specifications of DSPIC33EP16GS506-E/PT

PART NUMBER	DSPIC33EP16GS506-E/PT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 16KB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	27738 pcs
DATA SHEET	 1.DSPIC33EP16GS506-E/PT.pdf  2.DSPIC33EP16GS506-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	Tray
PACKAGE / CASE	64-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C
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 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	I²C, IrDA, LINbus, SPI, UART/USART
BASE PART NUMBER	DSPIC33EP16GS506

Related Tags

Micrel / Microchip Technology DSPIC33EP16GS506-E/PT	DSPIC33EP16GS506-E/PT Distributor	DSPIC33EP16GS506-E/PT Supplier
DSPIC33EP16GS506-E/PT Price	DSPIC33EP16GS506-E/PT Pictures	DSPIC33EP16GS506-E/PT Image
DSPIC33EP16GS506-E/PT PDF Datasheet	DSPIC33EP16GS506-E/PT Download Datasheet	DSPIC33EP16GS506-E/PT Datasheet
DSPIC33EP16GS506-E/PT Stock	Buy DSPIC33EP16GS506-E/PT	Buy Micrel / Microchip Technology DSPIC33EP16GS506-E/PT
Micrel / Microchip Technology DSPIC33EP16GS506-E/PT	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology DSPIC33EP16GS506-E/PT	Microchip Technology DSPIC33EP16GS506-E/PT	Roving Networks / Microchip Technology DSPIC33EP16GS506-E/PT

Related Products

 DSPIC33EP256GM304-H/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 256KB FLASH 44QFN In stock: 2885 pcs RFQ	 DSPIC33EP16GS506-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 64TQFP In stock: 29741 pcs RFQ
 DSPIC33EP16GS505T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 48TQFP In stock: 34697 pcs RFQ	 DSPIC33EP16GS505-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 48TQFP In stock: 35618 pcs RFQ
 DSPIC33EP256GM304-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 256KB FLASH 44TQFP In stock: 20422 pcs RFQ	 DSPIC33EP256GM304-E/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 256KB FLASH 44QFN In stock: 18690 pcs RFQ
 DSPIC33EP16GS506T-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 64TQFP In stock: 26080 pcs RFQ	 DSPIC33EP16GS505T-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 48TQFP In stock: 36537 pcs RFQ
 DSPIC33EP16GS504T-I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 44QFN In stock: 31331 pcs RFQ	 DSPIC33EP16GS504T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 44TQFP In stock: 33567 pcs RFQ
 DSPIC33EP16GS505-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 48TQFP In stock: 35369 pcs RFQ	 DSPIC33EP16GS506T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 16KB FLASH 64TQFP In stock: 30589 pcs RFQ