



Micrel / Microchip Technology

DSPIC33EP256GP506-I/MR

Part Number:	DSPIC33EP256GP506-I/MR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 16BIT 256KB FLASH 64QFN 1.DSPIC33EP256GP506-I/MR.pdf 2.DSPIC33EP256GP506-I/MR.pdf
Datasheets:	Lead free / RoHS Compliant
RoHS Status:	20248 pcs stock
Stock Condition:	Hong Kong
Ship From:	DHL/Fedex/TNT/UPS/EMS
Shipment Way:	

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Image may be representation. See specifications for product details.

Specifications of DSPIC33EP256GP506-I/MR

PART NUMBER	DSPIC33EP256GP506-I/MR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 256KB FLASH 64QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	20248 pcs
DATA SHEET	1.DSPIC33EP256GP506-I/MR.pdf 2.DSPIC33EP256GP506-I/MR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-QFN (9x9)
SPEED	70 MIPS
SERIES	dsPIC™ 33EP
RAM SIZE	16K x 16
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (85.5K x 24)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	64-VFQFN Exposed Pad
OTHER NAMES	DSPIC33EP256GP506IMR
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°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 dsPIC™ 33EP Microcontroller IC 16-Bit 70 MIPS 256KB (85.5K x 24) FLASH 64-QFN (9x9)
DATA CONVERTERS	A/D 16x10b/12b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	CANbus, I²C, IrDA, LINbus, SPI, UART/USART
BASE PART NUMBER	DSPIC33EP256GP506

Related Tags

Micrel / Microchip Technology DSPIC33EP256GP506-I/MR	DSPIC33EP256GP506-I/MR Distributor	DSPIC33EP256GP506-I/MR Supplier
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Related Products

<p>DSPIC33EP256MC202-E/MM Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 256KB FLASH 28QFN In stock: 31919 pcs RFQ</p>	<p>DSPIC33EP256GP504T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 256KB FLASH 44TQFP In stock: 2971 pcs RFQ</p>
<p>DSPIC33EP256GP504T-I/TL Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 256KB FLASH 44VTLA In stock: 4217 pcs RFQ</p>	<p>DSPIC33EP256GP506T-I/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 256KB FLASH 64QFN In stock: 5001 pcs RFQ</p>
<p>DSPIC33EP256GP506-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 256KB FLASH 64TQFP In stock: 4612 pcs RFQ</p>	<p>DSPIC33EP256GP506T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 256KB FLASH 64TQFP In stock: 5387 pcs RFQ</p>
<p>DSPIC33EP256GP506-E/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 256KB FLASH 64QFN In stock: 23469 pcs RFQ</p>	<p>DSPIC33EP256GP506-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 256KB FLASH 64TQFP In stock: 25726 pcs RFQ</p>
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<p>DSPIC33EP256GP506T-E/MR Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 256KB FLASH 64QFN In stock: 3442 pcs RFQ</p>	<p>DSPIC33EP256GP506T-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 256KB FLASH 64TQFP In stock: 6955 pcs RFQ</p>