

DSPIC33EP128MC506-I/PT



Part Number: [DSPIC33EP128MC506-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 128KB FLASH 64TQFP

Data sheet:  [dsPIC\(33,24\)EPzzz\(GP,MC\)20x,50x](#)
 [dsPIC\(33,24\)EPzzz\(GP,MC\)20x,50x Errata](#)

RoHs Status: Lead free / RoHS Compliant

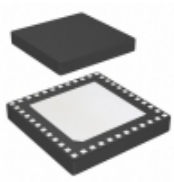
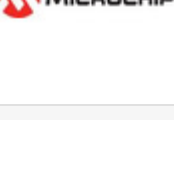
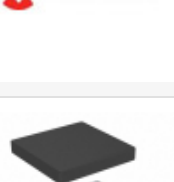
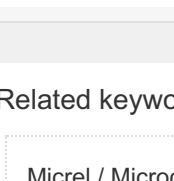
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PRODUCT PARAMETER			
Part Number	DSPIC33EP128MC506-I/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 128KB FLASH 64TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	32711 pcs	Data sheet	dsPIC(33,24)EPzzz(GP,MC)20x,50x dsPIC(33,24)EPzzz(GP,MC)20x,50x Errata
Category	Integrated Circuits (ICs)	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 16
Program Memory Type	FLASH	Program Memory Size	128KB (43K x 24)
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT	Packaging	Tray
Package / Case	64-TQFP	Other Names	DSPIC33EP128MC506IPT
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	53	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	15 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 16x10b/12b	Core Size	16-Bit
Core Processor	dsPIC	Connectivity	CANbus, I ² C, IrDA, LINbus, QEI, SPI, UART/USART
Base Part Number	DSPIC33EP128MC506		
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	Part#: DSPIC33EP128MC506-E/PT Description: IC MCU 16BIT 128KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP128MC504T-I/PT Description: IC MCU 16BIT 128KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP128MC506T-I/PT Description: IC MCU 16BIT 128KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP128MU202-H/SO Description: IC DSC 16BIT 128KB FLASH	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP128MU202-H/MM Description: IC DSC 16BIT 128KB FLASH	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP128MU202-E/MM Description: IC DSC 16BIT 128KB FLASH	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP128MC504T-I/TL Description: IC MCU 16BIT 128KB FLASH 44VTLA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP128MC506-H/PT Description: IC MCU 16BIT 128KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP128MU202-H/SP Description: IC DSC 16BIT 128KB FLASH	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP128MU202-E/SP Description: IC DSC 16BIT 128KB FLASH	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP128MC504T-I/ML Description: IC MCU 16BIT 128KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP128MC506T-I/MR Description: IC MCU 16BIT 128KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP128MC504T-I/MV Description: IC MCU 16BIT 128KB FLASH 48UQFN	Manufacturers: Micrel / Microchip Technology	RFQ

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