

DSPIC33CH64MP506T-I/PT



Part Number: [DSPIC33CH64MP506T-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: 16 BIT DSC, DUAL CORE, 64K FLASH

Data sheet:  [dsPIC33CH128MP508 Family](#)

RoHs Status: Lead free / RoHS Compliant

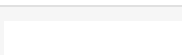
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PRODUCT PARAMETER			
Part Number	DSPIC33CH64MP506T-I/PT	Manufacturer	Micrel / Microchip Technology
Description	16 BIT DSC, DUAL CORE, 64K FLASH	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	23839 pcs	Data sheet	dsPIC33CH128MP508 Family
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	64-TQFP (10x10)	Speed	180MHz, 200MHz
Series	dsPIC™ 33CH	RAM Size	20K x 8
Program Memory Type	FLASH/PRAM	Program Memory Size	88KB (88K x 8)
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT	Packaging	Tape & Reel (TR)
Package / Case	64-TQFP	Other Names	DSPIC33CH64MP506T-I/PTTR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	53	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	16 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	dsPIC dsPIC™ 33CH Microcontroller IC 16-Bit Dual-Core 180MHz, 200MHz 88KB (88K x 8) FLASH/PRAM 64-TQFP (10x10)
Data Converters	A/D 34x12b, D/A 4x12b	Core Size	16-Bit Dual-Core
Core Processor	dsPIC	Connectivity	CANbus, I²C, IrDA, LINbus, SPI, UART/USART
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	Part#: DSPIC33CH64MP505-E/PT Description: 16 BIT DSC, DUAL CORE, 64K FLASH	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33CH64MP506-E/MR Description: 16 BIT DSC, DUAL CORE, 64K FLASH	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33CH64MP506T-I/MR Description: 16 BIT DSC, DUAL CORE, 64K FLASH	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33CH64MP505T-I/PT Description: 16 BIT DSC, DUAL CORE, 64K FLASH	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33CH64MP508-I/PT Description: 16 BIT DSC, DUAL CORE, 64 K FLAS	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33CK128MP202-E/2N Description: 16 BIT DSC, 128KB FLASH, 16KB RA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33CK128MP202-I/SS Description: 16 BIT DSC, 128KB FLASH, 16KB RA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33CH64MP508T-I/PT Description: 16 BIT DSC, DUAL CORE, 64 K FLAS	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33CK128MP202T-I/SS Description: 16 BIT DSC, 128KB FLASH, 16KB RA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33CH64MP503T-I/M5 Description: 16 BIT DSC, DUAL CORE, 64K FLASH	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33CH64MP505-I/PT Description: 16 BIT DSC, DUAL CORE, 64K FLASH	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33CH64MP503-I/M5 Description: 16 BIT DSC, DUAL CORE, 64K FLASH	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33CH64MP506-I/PT Description: 16 BIT DSC, DUAL CORE, 64K FLASH	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33CK128MP202T-I/2N Description: 128KB FLASH, 16KB RAM, 100MHZ, 2	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33CK128MP202-E/SS Description: 16 BIT DSC, 128KB FLASH, 16KB RA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33CH64MP506-I/MR Description: 16 BIT DSC, DUAL CORE, 64K FLASH	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33CH64MP506-E/PT Description: 16 BIT DSC, DUAL CORE, 64K FLASH	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33CK128MP203-E/M5 Description: 16 BIT DSC, 128KB FLASH, 16KB RA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33CK128MP202-I/2N Description: 16 BIT DSC, 128KB FLASH, 16KB RA	Manufacturers: Micrel / Microchip Technology	RFQ

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