

DSPIC33CH128MP506-I/MR



Part Number: [DSPIC33CH128MP506-I/MR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: 16 BIT DSC, DUAL CORE, 128K FLAS

Data sheet:  [dsPIC33CH128MP508 Family](#)

RoHs Status: Lead free / RoHS Compliant

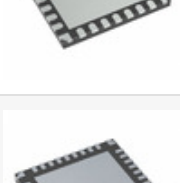
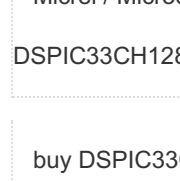
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PRODUCT PARAMETER			
Part Number	DSPIC33CH128MP506-I/MR	Manufacturer	Micrel / Microchip Technology
Description	16 BIT DSC, DUAL CORE, 128K FLAS	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	24139 pcs	Data sheet	dsPIC33CH128MP508 Family
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	64-QFN (9x9)	Speed	180MHz, 200MHz
Series	dsPIC™ 33CH	RAM Size	20K x 8
Program Memory Type	FLASH/PRAM	Program Memory Size	152KB (152K x 8)
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT	Packaging	Tube
Package / Case	64-VFQFN Exposed Pad	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 152KB (152K x 8) FLASH/PRAM 64-QFN (9x9)	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#: DSPIC33CH128MP508-I/PT Description: 16 BIT DSC, DUAL CORE, 128K FLAS	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33CH128MP502T-I/SS Description: 16 BIT DSC, DUAL CORE, 128K FLAS	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33CH128MP503T-I/M5 Description: 16 BIT DSC, DUAL CORE, 128K FLAS	Manufacturers: Micrel / Microchip Technology	RFQ
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