



Micrel / Microchip Technology



DSPIC33CH64MP506-I/MR

Part Number:	DSPIC33CH64MP506-I/MR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	16 BIT DSC, DUAL CORE, 64K FLASH
Datasheets:	 DSPIC33CH64MP506-I/MR.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	18040 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

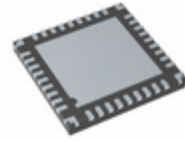
Specifications of DSPIC33CH64MP506-I/MR

PART NUMBER	DSPIC33CH64MP506-I/MR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	16 BIT DSC, DUAL CORE, 64K FLASH
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	18040 pcs
DATA SHEET	 DSPIC33CH64MP506-I/MR.pdf
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	88KB (88K 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)
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-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

Related Tags

Micrel / Microchip Technology DSPIC33CH64MP506-I/MR	DSPIC33CH64MP506-I/MR Distributor	DSPIC33CH64MP506-I/MR Supplier
DSPIC33CH64MP506-I/MR Price	DSPIC33CH64MP506-I/MR Pictures	DSPIC33CH64MP506-I/MR Image
DSPIC33CH64MP506-I/MR PDF Datasheet	DSPIC33CH64MP506-I/MR Download Datasheet	DSPIC33CH64MP506-I/MR Datasheet
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Micrel / Microchip Technology DSPIC33CH64MP506-I/MR	Microchip Technology DSPIC33CH64MP506-I/MR	Roving Networks / Microchip Technology DSPIC33CH64MP506-I/MR

Related Products

 DSPIC33CH64MP505-I/PT Manufacturers: Micrel / Microchip Technology Description: 16 BIT DSC, DUAL CORE, 64K FLASH In stock: 17838 pcs RFQ	 DSPIC33CH64MP506-I/PT Manufacturers: Micrel / Microchip Technology Description: 16 BIT DSC, DUAL CORE, 64K FLASH In stock: 16727 pcs RFQ
 DSPIC33CH64MP506-E/MR Manufacturers: Micrel / Microchip Technology Description: 16 BIT DSC, DUAL CORE, 64K FLASH In stock: 16086 pcs RFQ	 DSPIC33CH64MP506T-I/PT Manufacturers: Micrel / Microchip Technology Description: 16 BIT DSC, DUAL CORE, 64K FLASH In stock: 24775 pcs RFQ
 DSPIC33CH64MP506-E/PT Manufacturers: Micrel / Microchip Technology Description: 16 BIT DSC, DUAL CORE, 64K FLASH In stock: 15663 pcs RFQ	 DSPIC33CH64MP505T-I/PT Manufacturers: Micrel / Microchip Technology Description: 16 BIT DSC, DUAL CORE, 64K FLASH In stock: 21092 pcs RFQ
 DSPIC33CH64MP508-E/PT Manufacturers: Micrel / Microchip Technology Description: 16 BIT DSC, DUAL CORE, 64 K FLAS In stock: 18691 pcs RFQ	 DSPIC33CH64MP508-I/PT Manufacturers: Micrel / Microchip Technology Description: 16 BIT DSC, DUAL CORE, 64 K FLAS In stock: 16092 pcs RFQ
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 DSPIC33CH64MP503T-I/M5 Manufacturers: Micrel / Microchip Technology Description: 16 BIT DSC, DUAL CORE, 64K FLASH In stock: 28438 pcs RFQ	 DSPIC33CH64MP505-E/PT Manufacturers: Micrel / Microchip Technology Description: 16 BIT DSC, DUAL CORE, 64K FLASH In stock: 16627 pcs RFQ