



## DSPIC33CH64MP502T-I/SS

<b>Manufacturer Part Number:</b>	DSPIC33CH64MP502T-I/SS
<b>Manufacturer/Brand:</b>	Micrel / Microchip Technology
<b>Part of Description:</b>	16 BIT DSC, DUAL CORE, 64K FLASH
<b>Datasheets:</b>	<a href="#">DSPIC33CH64MP502T-I/SS.pdf</a>
<b>RoHs Status:</b>	Lead free / RoHS
<b>Stock Condition:</b>	Compliant New original, Stock Available.
<b>Ship From:</b>	Hong Kong
<b>Shipment Way:</b>	DHL/Fedex/TNT/UPS/EMS

Image may be representation.  
See specs for product details.

### Specifications

Part Number	DSPIC33CH64MP502T-I/SS
Manufacturer	Micrel / Microchip Technology
Description	16 BIT DSC, DUAL CORE, 64K FLASH
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	Require For Quote & Check Stock
Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	28-SSOP
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,
Packaging	Cut Tape (CT)
Package / Case	28-SSOP (0.209", 5.30mm Width)
Other Names	DSPIC33CH64MP502T-I/SSCT
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	21
Moisture Sensitivity Level (MSL)	1 (Unlimited)
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
Data Converters	A/D 23x12b, D/A 4x12b
Core Size	16-Bit Dual-Core
Core Processor	dsPIC
Connectivity	CANbus, I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART

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