



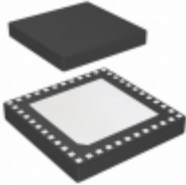
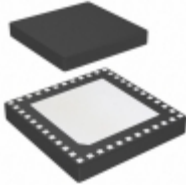
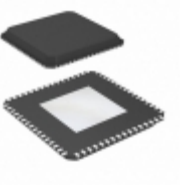



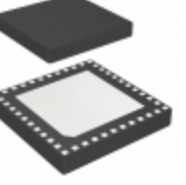
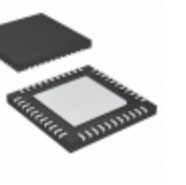
	<p><b>DSPIC33EP512MC504T-I/ML</b></p>
	<p><b>Manufacturer Part Number:</b> DSPIC33EP512MC504T-I/ML</p> <p><b>Manufacturer/Brand:</b> Micrel / Microchip Technology</p> <p><b>Part of Description:</b> IC MCU 16BIT 512KB FLASH 44QFN</p> <p><b>Datasheets:</b></p> <ul style="list-style-type: none"> <li> <a href="#">1.DSPIC33EP512MC504T-I/ML.pdf</a></li> <li> <a href="#">2.DSPIC33EP512MC504T-I/ML.pdf</a></li> <li> <a href="#">3.DSPIC33EP512MC504T-I/ML.pdf</a></li> </ul> <p><b>RoHs Status:</b>  Lead free / RoHS</p> <p><b>Stock Condition:</b> <sup>Compliant</sup> New original, Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	

### Specifications

Part Number	DSPIC33EP512MC504T-I/ML
Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 512KB FLASH 44QFN
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	Require For Quote & Check Stock
Series	dsPIC™ 33EP
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	44-VQFN Exposed Pad
Supplier Device Package	44-QFN (8x8)
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM,
Core Processor	dsPIC
Speed	70 MIPS
Number of I/O	35
EEPROM Size	-
RAM Size	24K x 16
Core Size	16-Bit
Connectivity	CAN, I <sup>2</sup> C, IrDA, LIN, QEI, SPI, UART/USART
Program Memory Size	512KB (170K x 24)
Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Data Converters	A/D 9x10b/12b
Oscillator Type	Internal
Packaging	Tape & Reel (TR)


















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 D GQM2195C2E5R6CB12D	 CGHCL-4502SD	 ➔ IMP1117AS18X/T	 CGHIRFP264PBF	 ➔ LD05YC274KAB2A
 ➔ LM3495MTCX	 ➔ LM393ADGKR	 CGHLMK063BJ222MP-F	 ➔ LT1117CST	 ➔ MAX3088EESA+T
 ➔ MCH5819-TL	 ➔ MNR34J5AJ220-22R	 D NNCD11D-T1-AT	 CGHNRS6028T330MMGJ	 ➔ PI6C2510-133ELEX
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 ➔ SISA18ADN-T1-GE3	 CGHSKFH60/10DT	 ➔ SM30CXC614	 ➔ SN74LV4052APWR	 ➔ SP233ECT
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