







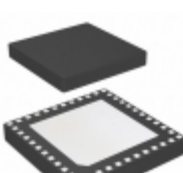
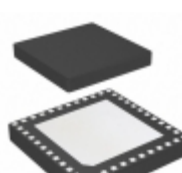

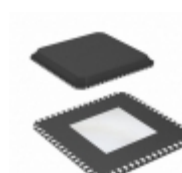
	<p><b>DSPIC33EP512MC204T-I/ML</b></p>
	<p><b>Manufacturer Part Number:</b> DSPIC33EP512MC204T-I/ML</p>
	<p><b>Manufacturer/Brand:</b> Micrel / Microchip Technology</p>
	<p><b>Part of Description:</b> IC MCU 16BIT 512KB FLASH 44QFN</p>
	<p><b>Datasheets:</b></p> <ul style="list-style-type: none"> <li> <a href="#">1.DSPIC33EP512MC204T-I/ML.pdf</a></li> <li> <a href="#">2.DSPIC33EP512MC204T-I/ML.pdf</a></li> <li> <a href="#">3.DSPIC33EP512MC204T-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	DSPIC33EP512MC204T-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	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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|---|---|--|---|---|
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|  EL2250CS-T7     |  EMC1442-A-AC3-TR    |  HY2.0-3Y             |  INA105KP         |  IRKC166/16        |
|  K6R4008V1D-TC10 |  LVTR3S4875          |  D MAX3318EEUP        |  MBRB2545CTHE3    |  MCD225-08io1      |
|  N170CH08GOO     |  D NC7SZ374L6X       |  NCP1200D100R2G       |  ND89N14K         |  NTMSD2P102LR2     |
|  P80C552EBA/08   |  QTLP601CIW          |  S-8355M34MC-MCT-T2   |  S08OB383         |  S29GL512P10FFSS80 |
|  S5M-E3/9AT      |  SC4041ASK.TR        |  SI4752-A10-GM        |  D SKN130/02      |  SM45CXC346        |
|  TCST1030L       |  TLV3494AIPWR        |  USB82642AMR-A-000528 |  WM8978LGEFL      |  WSL2512R028FTA    |

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