



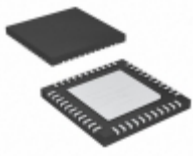

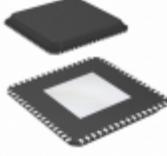
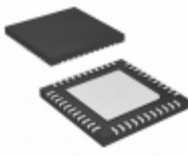
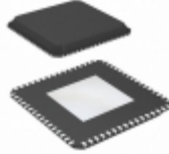

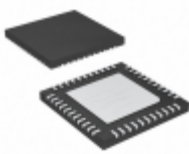
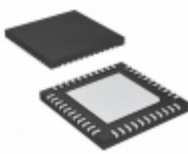
	<b>DSPIC33EP512GM304-I/PT</b>
	<b>Manufacturer Part Number:</b> DSPIC33EP512GM304-I/PT
	<b>Manufacturer/Brand:</b> Micrel / Microchip Technology
	<b>Part of Description:</b> IC MCU 16BIT 512KB FLASH 44TQFP
	<b>Datasheets:</b> <ul style="list-style-type: none"> <li> 1.DSPIC33EP512GM304-I/PT.pdf</li> <li> 2.DSPIC33EP512GM304-I/PT.pdf</li> </ul>
	<b>RoHs Status:</b>  Lead free / RoHS
	<b>Stock Condition:</b> Compliant New original, 2688 pcs Stock Available.
	<b>Ship From:</b> Hong Kong
Image may be representation. See specs for product details.	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS

**Specifications**

Part Number	DSPIC33EP512GM304-I/PT
Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 512KB FLASH 44TQFP
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	2688 pcs Stock
Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	44-TQFP (10x10)
Speed	70 MIPS
Series	dsPIC™ 33EP
RAM Size	48K x 8
Program Memory Type	FLASH
Program Memory Size	512KB (170K x 24)
Peripherals	Brown-out Detect/Reset, DMA, I <sup>2</sup> S, Motor Control PWM,
Packaging	Tray
Package / Case	44-TQFP
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	35
EEPROM Size	-
Data Converters	A/D 18x10b/12b
Core Size	16-Bit
Core Processor	dsPIC
Connectivity	I <sup>2</sup> C, IrDA, LIN, QEI, SPI, UART/USART

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