



## DSPIC33CK64MP506-E/PT

<b>Manufacturer Part Number:</b>	DSPIC33CK64MP506-E/PT
<b>Manufacturer/Brand:</b>	Micrel / Microchip Technology
<b>Part of Description:</b>	16 BIT DSC, 64KB FLASH, 8KB RAM,
<b>RoHs Status:</b>	
<b>Stock Condition:</b>	New original, 640 pcs 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.

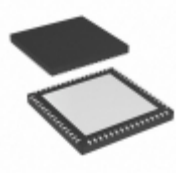

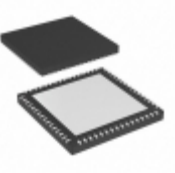

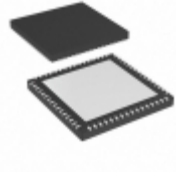



### Specifications

Part Number	DSPIC33CK64MP506-E/PT
Manufacturer	Micrel / Microchip Technology
Description	16 BIT DSC, 64KB FLASH, 8KB RAM,
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	640 pcs Stock
Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	64-TQFP (10x10)
Speed	100MHz
Series	Automotive, AEC-Q100, dsPIC™ 33CK
RAM Size	8K x 8
Program Memory Type	FLASH
Program Memory Size	64KB (64K x 8)
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM,
Packaging	Tray
Package / Case	64-TQFP
Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	53
Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	18 Weeks
EEPROM Size	-
Detailed Description	dsPIC Automotive, AEC-Q100, dsPIC™ 33CK
Data Converters	A/D 20x12b, D/A 3x12b
Core Size	16-Bit
Core Processor	dsPIC
Connectivity	CANbus, I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART

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 <p><b>DSPIC33CK64MP506T-I/MR</b> Micrel / Microchip Technology 16 BIT DSC, 64KB FLASH, 8KB RAM,</p>	 <p><b>DSPIC33CK64MP508-E/PT</b> Micrel / Microchip Technology 16 BIT DSC, 64KB FLASH, 8KB RAM,</p>	 <p><b>DSPIC33CK64MP505T-I/PT</b> Micrel / Microchip Technology 16 BIT DSC, 64KB FLASH, 8KB RAM,</p>	 <p><b>DSPIC33CK64MP506-I/PT</b> Micrel / Microchip Technology 16 BIT DSC, 64KB FLASH, 8KB RAM,</p>

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