

DSPIC33CK256MP505-I/PT



Part Number: [DSPIC33CK256MP505-I/PT](#)

Manufacturer [Micrel / Microchip Technology](#)

Description 16 BIT DSC, 256KB FLASH, 24KB RA

Data sheet:

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	DSPIC33CK256MP505-I/PT	Manufacturer	Micrel / Microchip Technology
Description	16 BIT DSC, 256KB FLASH, 24KB RA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	29220 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	48-TQFP (7x7)	Speed	100MHz
Series	dsPIC™ 33CK	RAM Size	24K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT	Packaging	Tray
Package / Case	48-TQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	39
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	18 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	dsPIC dsPIC™ 33CK Microcontroller IC 16-Bit 100MHz 256KB (256K x 8) FLASH 48-TQFP (7x7)	Data Converters	A/D 19x12b, D/A 3x12b
Core Size	16-Bit	Core Processor	dsPIC
Connectivity	CANbus, I ² C, IrDA, LINbus, SPI, UART/USART		
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