

DSPIC33CK256MP506-E/MR



Part Number: [DSPIC33CK256MP506-E/MR](#)

Manufacturer [Micrel / Microchip Technology](#)

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

Data sheet:
 [dsPIC33CK256MP508 Family Programming Specification](#)
 [dsPIC33CK256MP508 Family Datasheet](#)

RoHs Status:

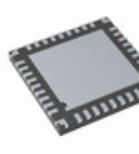
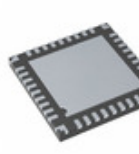
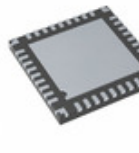
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PRODUCT PARAMETER			
Part Number	DSPIC33CK256MP506-E/MR	Manufacturer	Micrel / Microchip Technology
Description	16 BIT DSC, 256KB FLASH, 24KB RA	Lead Free Status / RoHS Status	
Quantity Available	27278 pcs	Data sheet	dsPIC33CK256MP508 Family Programming Specification dsPIC33CK256MP508 Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	64-QFN (9x9)	Speed	100MHz
Series	Automotive, AEC-Q100, 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	Tube
Package / Case	64-VFQFN Exposed Pad	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 Microcontroller IC 16-Bit 100MHz 256KB (256K x 8) FLASH 64-QFN (9x9)
Data Converters	A/D 20x12b, D/A 3x12b	Core Size	16-Bit
Core Processor	dsPIC	Connectivity	CANbus, I²C, IrDA, LINbus, SPI, UART/USART
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	Part#: DSPIC33CK256MP508-E/PT Description: 16 BIT DSC, 256KB FLASH, 24KB RA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33CK256MP506T-I/MR Description: 16 BIT DSC, 256KB FLASH, 24KB RA	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33CK32MP202-E/2N Description: 16 BIT DSC, 32KB FLASH, 8KB RAM,	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33CK256MP502T-I/2N Description: 16 BIT DSC, 256KB FLASH, 24KB RA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33CK256MP506-E/PT Description: 16 BIT DSC, 256KB FLASH, 24KB RA	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33CK256MP505-E/PT Description: 16 BIT DSC, 256KB FLASH, 24KB RA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33CK256MP508T-I/PT Description: 16 BIT DSC, 256KB FLASH, 24KB RA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33CK256MP505T-I/PT Description: 16 BIT DSC, 256KB FLASH, 24KB RA	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33CK256MP503T-I/M5 Description: 16 BIT DSC, 256KB FLASH, 24KB RA	Manufacturers: Micrel / Microchip Technology	RFQ

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