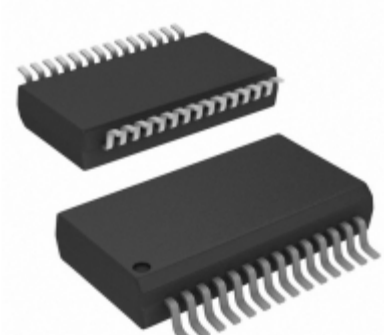


## DSPIC33CK32MP202-E/SS



**Part Number:** [DSPIC33CK32MP202-E/SS](#)  
**Manufacturer:** [Micrel / Microchip Technology](#)  
**Description:** 16 BIT DSC, 32KB FLASH, 8KB RAM,  
**Data sheet:**

**RoHS Status:**  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
 See Product Specifications for product details.  
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### PRODUCT PARAMETER

<b>Part Number</b>	DSPIC33CK32MP202-E/SS	<b>Manufacturer</b>	<a href="#">Micrel / Microchip Technology</a>
<b>Description</b>	16 BIT DSC, 32KB FLASH, 8KB RAM,	<b>Lead Free Status / RoHS Status</b>	
<b>Quantity Available</b>	38078 pcs	<b>Data sheet</b>	
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage - Supply (Vcc/Vdd)</b>	3 V ~ 3.6 V
<b>Supplier Device Package</b>	28-SSOP	<b>Speed</b>	100MHz
<b>Series</b>	Automotive, AEC-Q100, dsPIC™ 33CK	<b>RAM Size</b>	8K x 8
<b>Program Memory Type</b>	FLASH	<b>Program Memory Size</b>	32KB (32K x 8)
<b>Peripherals</b>	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT	<b>Packaging</b>	Tube
<b>Package / Case</b>	28-SSOP (0.209", 5.30mm Width)	<b>Oscillator Type</b>	Internal
<b>Operating Temperature</b>	-40°C ~ 125°C (TA)	<b>Number of I/O</b>	21
<b>Moisture Sensitivity Level (MSL)</b>	2 (1 Year)	<b>Manufacturer Standard Lead Time</b>	18 Weeks
<b>EEPROM Size</b>	-	<b>Detailed Description</b>	dsPIC Automotive, AEC-Q100, dsPIC™ 33CK Microcontroller IC 16-Bit 100MHz 32KB (32K x 8) FLASH 28-SSOP
<b>Data Converters</b>	A/D 12x12b, D/A 3x12b	<b>Core Size</b>	16-Bit
<b>Core Processor</b>	dsPIC	<b>Connectivity</b>	PC, IrDA, LINbus, SPI, UART/USART

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">DSPIC33CK32MP205-E/PT</a> <b>Description:</b> 16 BIT DSC, 32KB FLASH, 8KB RAM,	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">DSPIC33CK32MP203-E/M5</a> <b>Description:</b> 16 BIT DSC, 32KB FLASH, 8KB RAM,	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">DSPIC33CK256MP508-I/PT</a> <b>Description:</b> 16 BIT DSC, 256KB FLASH, 24KB RA	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">DSPIC33CK32MP202-I/2N</a> <b>Description:</b> 16 BIT DSC, 32KB FLASH, 8KB RAM,	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">DSPIC33CK256MP506-E/PT</a> <b>Description:</b> 16 BIT DSC, 256KB FLASH, 24KB RA	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">DSPIC33CK32MP202T-I/SS</a> <b>Description:</b> 16 BIT DSC, 32KB FLASH, 8KB RAM,	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">DSPIC33CK256MP506T-I/MR</a> <b>Description:</b> 16 BIT DSC, 256KB FLASH, 24KB RA	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">DSPIC33CK32MP203-I/M5</a> <b>Description:</b> 16 BIT DSC, 32KB FLASH, 8KB RAM,	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">DSPIC33CK256MP506T-I/PT</a> <b>Description:</b> 16 BIT DSC, 256KB FLASH, 24KB RA	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">DSPIC33CK256MP506-I/MR</a> <b>Description:</b> 16 BIT DSC, 256KB FLASH, 24KB RA	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">DSPIC33CK32MP203T-I/M5</a> <b>Description:</b> 16 BIT DSC, 32KB FLASH, 8KB RAM,	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">DSPIC33CK32MP202T-I/2N</a> <b>Description:</b> 16 BIT DSC, 32KB FLASH, 8KB RAM,	<b>Manufacturers:</b> <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
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