

DSPIC33FJ32MC202-I/SO

DSPIC33FJ32MC202-I/SO Information



Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



DSPIC33FJ32MC202-I/SO Specifications

Manufacturer Part Number DSPIC33FJ32MC202-L/SO Manufacturer Microchip Technology Category Integrated Circuits (ICs) Embedded - Microcontrollers Embedded - Microcontrollers Package 28-SOIC (0.295", 7.50mm Width) Series dsPIC? 33F Core Processor dsPIC Orer Processor dsPIC Speed 40-MIPs Connectivity IZC, IrDA, LIN, SPI, UART/USART Peripherals Brown-out Detect/Reset, DMA, Motor Control PWM, QEI, POR, PWM, WDT Number of I/O 21 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH KAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 3.6 V Data Converters A/D 6x10b/12b Oscillator Type Internal Operating Temperature 40°C ~ 85°C (TA) Muning Type - Package / Case 28-SOIC (0.295", 7.50mm Width)		
CategoryIntegrated Circuits (Cs)Embedded - MicrocontrollersPackage28-SOIC (0.295", 7.50mm Width)SeriesdsPIC? 33FCore ProcessordsPICCore Size16-BitSpeed40 MIPsConnectivityI2C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, QEI, POR, PWM, WDTNumber of I/O21Pogram Memory Size32KB (32K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size2K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 6x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Manufacturer Part Number	DSPIC33FJ32MC202-I/SO
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Package28-SOIC (0.295", 7.50mm Width)SeriesdxPIC? 33FCore ProcessordxPICCore Sizel6-BitSpeed40 MIPsConcetivityI2C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, QEI, POR, PWM, WDTNumber of I/O21Program Memory Size32KB (32K x 8)FEPROM Size-KAM Size2K x 8Voltage - Supply (Vcc/Vdd)3V ~ 3.6 VData ConvertersAID 6x10b/12bOperating Temperature-40°C ~ 85°C (TA)Mounting Type28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Category	Integrated Circuits (ICs)
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Core ProcessordsPICCore Size16-BitSpeed40 MIPsConnectivity12C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, QEI, POR, PWM, WDTNumber of I/O21Program Memory Size32KB (32K x 8)Program Memory TypeFLASHEEPROM Size-Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 6x10b/12bOscillator TypeInternalOperating Temperature-Mounting Type-Package / Case8-SOIC (0.295", 7.50mm Width)	Package	28-SOIC (0.295", 7.50mm Width)
Core Size16-BitSpeed40 MIPsConnectivity12C, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, QEI, POR, PWM, WDTNumber of I/O21Program Memory Size32KB (32K x 8)Program Memory TypeFLASHEEPROM Size-Valage - Supply (Vcc/Vda)3V ~ 3.6 VData ConvertersAID 6x10b/12bOperating Temperature-40°C ~ 85°C (TA)Mounting Type8S-OSIC (TA)SIMMINGPackage / Case8S-OSIC (TA)SIMMINGSupplier Device Package8S-OSIC	Series	dsPIC? 33F
Speed40 MIPsConnectivityIC, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, QEI, POR, PWM, WDTNumber of I/O21Program Memory Size3KB (32K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size0X x 8Voltage - Supply (Vcc/Vdd)3V ~ 3.6 VData ConvertersAiro Airo Airo Airo Airo Airo Airo Airo	Core Processor	dsPIC
Image: ConnectivityIC, IrDA, LIN, SPI, UART/USARTConnectivityEC, IrDA, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, QEI, POR, PWM, WDTNumber of I/O21Program Memory Size32KB (32K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size2K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 6x10b/12bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case8sOIC (0.295", 7.50mm Width)	Core Size	16-Bit
PeripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, QEI, POR, PWM, WDTNumber of I/O21Program Memory Size32KB (32K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size2K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 6x10b/12bOscillator Type-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Speed	40 MIPs
Number of I/O21Program Memory Size32KB (32K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size2K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 6x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Connectivity	I2C, IrDA, LIN, SPI, UART/USART
Program Memory Size32KB (32K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size2K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 6x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, QEI, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size-RAM Size2K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 6x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Number of I/O	21
EEPROM Size-RAM Size2K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 6x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Program Memory Size	32KB (32K x 8)
RAM Size2K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 6x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Program Memory Type	FLASH
Note of the second se	EEPROM Size	-
Data ConvertersA/D 6x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	RAM Size	2K x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Data Converters	A/D 6x10b/12b
Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Oscillator Type	Internal
Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 28-SOIC	Mounting Type	-
	Package / Case	28-SOIC (0.295", 7.50mm Width)
Report errors	Supplier Device Package	28-SOIC
Report enois		Report errors?

DSPIC33FJ32MC202-I/SO Guarantees



Quality Guarantees

We provide 90 days warranty. * If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

DSPIC33FJ32MC202-I/SO Payment Methods



If you have any question about DSPIC33FJ32MC202-I/SO, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com