

DSPIC33EP32MC502T-E/SS

DSPIC33EP32MC502T-E/SS 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.



DSPIC33EP32MC502T-E/SS Specifications

Manufacturer Part NumberDSPIC33EP32MC502T-E/SSManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage28-SSOP (0.209", 5.30mm Width)SeriesdsPIC 33EPCore ProcessordsPICCore Size16-BitSpeed60 MIPsConnectivityCAN, 12C, IrDA, LIN, QEI, SPI, UART/USARTPripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDTNumber of I/O21Program Memory Size32KB (10.7K x 24)Program Memory TypeFLASHEEPROM Size-Number of VO3V ~ 3.6 VData ConvertersAD (Sn 10/12b)Voltage - Supply (Vcc/Vdd)3V ~ 3.6 VData Converters4.0°C ~ 125°C (TA)Mounting Type-Package / Case8-SSOP (0.209", 5.30mm Width)		-	
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage28-SSOP (0.209", 5.30mm Width)SeriesdsPIC? 33EPCore ProcessordsPICCore Size16-BitSpeed60 MIPsConnectivityCAN, I2C, IrDA, LIN, QEI, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDTNumber of I/O21Program Memory Size32KB (10.7K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size2K x 16Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 6x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Manufacturer Part Number	DSPIC33EP32MC502T-E/SS	
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Core Size16-BitSpeed60 MIPsConnectivityCAN, 12C, IrDA, LIN, QEI, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDTNumber of I/O21Program Memory Size32KB (10.7K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size0X x 16Voltage - Supply (Vcc/Vdd)3V ~ 3.6 VData ConvertersAD 6x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case8sSOP (0.209°, 5.30mm Width)	Series	dsPIC? 33EP	
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Number of I/O21Program Memory Size32KB (10.7K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size2K x 16Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 6x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Connectivity	CAN, I2C, IrDA, LIN, QEI, SPI, UART/USART	
Program Memory Size32KB (10.7K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size2K x 16Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 6x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT	
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Operating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Data Converters	A/D 6x10b/12b	
Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Oscillator Type	Internal	
Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Operating Temperature	-40°C ~ 125°C (TA)	
Supplier Device Package 28-SSOP	Mounting Type	-	
	Package / Case	28-SSOP (0.209", 5.30mm Width)	
Report errors'	Supplier Device Package	28-SSOP	
			Report errors?

DSPIC33EP32MC502T-E/SS 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 BUARANTEE

Service Guarantees

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

DSPIC33EP32MC502T-E/SS Payment Methods



If you have any question about DSPIC33EP32MC502T-E/SS, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com