

PIC16C73B-20I/ML

PIC16C73B-20I/ML 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.



PIC16C73B-20I/ML Specifications

ManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage28-VQFN Exposed PadSeriesPIC? 16CCore ProcessorPICCore Size8-BitSpeed20MHzConnectivity12C, SPI, UART/USARTPorpharalsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O22Program Memory Size-Program Memory TypeOTPEEPROM Size-Nutation (Score)192 x 8Voltage - Supply (Vcc/Vdd)4V ~ 5.5 VData ConvertersArD 5x8bOscillator TypeExternalOperating Temperature40°C ~ 85°C (TA)Mounting Type5.4 VCPN Exposed PadPackage / Case28-VQFN Exposed Pad		
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage28-VQFN Exposed PadSeriesPIC? 16CCore ProcessorPICCore Size8-BitSpeed20MHzConnectivityI2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O22Program Memory Size7KB (4K x 14)Program Memory TypeOTPEEPROM Size-RAM Size192 x 8Voltage - Supply (Vcc/Vdd)4 V ~ 5.5 VData ConvertersA/D 5x8bOscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-VQFN Exposed PadSupplier Device Package28-QFN (6x6)	Manufacturer Part Number	PIC16C73B-20I/ML
Embedded - MicrocontrollersPackage28-VQFN Exposed PadSeriesPIC? 16CCore ProcessorPICCore Size8-BitSpeed20MHzConnectivityI2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O22Program Memory Size7KB (4K x 14)Program Memory TypeOTPEEPROM Size-RAM Size192 x 8Voltage - Supply (Vcc/Vdd)4V ~ 5.5 VData ConvertersA/D 5x8bOscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type28-VQFN Exposed PadSupplier Device Package28-VQFN Exposed PadSupplier Device Package28-QFN (6x6)	Manufacturer	Microchip Technology
Package28-VQFN Exposed PadSeriesPIC? 16CCore ProcessorPICCore Size8-BitSpeed20MHzConnectivityI2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O22Program Memory Size7KB (4K x 14)Perport Memory TypeOTPEEPROM Size192 x 8Voltage - Supply (Vcc/Vdd)4V ~ 5.5 VData ConvertersA/D 5x8bOscillator Type-40°C ~ 85°C (TA)Mounting Type28-VQFN Exposed PadPackage / Case8-VQFN Exposed PadSupplier Device Package28-VQFN Exposed Pad	Category	Integrated Circuits (ICs)
SeriesPIC? 16CCore ProcessorPICCore Size8-BitSpeed20MHzConnectivityI2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O22Program Memory Size7KB (4K x 14)Program Memory TypeOTPEEPROM Size-RAM Size192 x 8Voltage - Supply (Vcc/Vdd)4 V ~ 5.5 VData ConvertersA/D 5x8bOscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type28-VQFN Exposed PadSupplier Device Package28-QFN (6x6)		Embedded - Microcontrollers
Core ProcessorPICCore Size8-BitSpeed20MHzConnectivityIC, SPI, UART/USARTPripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O22Program Memory Size7KB (4K x 14)Program Memory TypeOTPEEPROM Size-RAM Size192 x 8Voltage - Supply (Vcc/Vdd)4V ~ 5.5 VData ConvertersA/D 5x8bOscillator TypeExternalOperating Temperature-Prokage / Case8-VQFN Exposed PadSupplier Device Package8-QFN (6x6)	Package	28-VQFN Exposed Pad
Core Size8-BitSpeed20MHzConnectivityI2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O22Program Memory Size7KB (4K x 14)Program Memory TypeOTPEEPROM Size-RAM Size192 x 8Voltage - Supply (Vcc/Vdd)4 V ~ 5.5 VData ConvertersA/D 5x8bOscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type3.8VQFN Exposed PadSupplier Device Package28-QFN (6x6)	Series	PIC? 16C
Speed 20MHz Connectivity 12C, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 22 Program Memory Size 7KB (4K x 14) Program Memory Type OTP EEPROM Size - RAM Size 192 x 8 Voltage - Supply (Vcc/Vdd) 4 V ~ 5.5 V Data Converters A/D 5x8b Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Mounting Type 28-VQFN Exposed Pad Supplier Device Package 28-QFN (6x6)	Core Processor	PIC
Connectivity I2C, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 22 Program Memory Size 7KB (4K x 14) Program Memory Type OTP EEPROM Size - RAM Size 192 x 8 Voltage - Supply (Vcc/Vdd) 4V ~ 5.5 V Data Converters A/D 5x8b Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 28-VQFN Exposed Pad Supplier Device Package 28-QFN (6x6)	Core Size	8-Bit
PeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O22Program Memory Size7KB (4K x 14)Program Memory TypeOTPEEPROM Size-RAM Size192 x 8Voltage - Supply (Vcc/Vdd)4 V ~ 5.5 VData ConvertersA/D 5x8bOscillator TypeExternalOperating Temperature-Package / Case28-VQFN Exposed PadSupplier Device Package28-QFN (6x6)	Speed	20MHz
Number of I/O22Program Memory Size7KB (4K x 14)Program Memory TypeOTPEEPROM Size-RAM Size192 x 8Voltage - Supply (Vcc/Vdd)4 V ~ 5.5 VData ConvertersA/D 5x8bOscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-VQFN Exposed PadSupplier Device Package28-QFN (6x6)	Connectivity	I2C, SPI, UART/USART
Program Memory Size7KB (4K x 14)Program Memory TypeOTPEEPROM Size-RAM Size192 x 8Voltage - Supply (Vcc/Vdd)4 V ~ 5.5 VData ConvertersA/D 5x8bOscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-VQFN Exposed PadSupplier Device Package28-QFN (6x6)	Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Program Memory TypeOTPEEPROM Size-RAM Size192 x 8Voltage - Supply (Vcc/Vd)4 V ~ 5.5 VData ConvertersA/D 5x8bOscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-VQFN Exposed PadSupplier Device Package28-QFN (6x6)	Number of I/O	22
EEPROM Size-RAM Size192 x 8Voltage - Supply (Vcc/Vdd)4 V ~ 5.5 VData ConvertersA/D 5x8bOscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-VQFN Exposed PadSupplier Device Package28-QFN (6x6)	Program Memory Size	7KB (4K x 14)
RAM Size192 x 8Voltage - Supply (Vcc/Vdd)4 V ~ 5.5 VData ConvertersA/D 5x8bOscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-VQFN Exposed PadSupplier Device Package28-QFN (6x6)	Program Memory Type	OTP
Voltage - Supply (Vcc/Vdd)4 V ~ 5.5 VData ConvertersA/D 5x8bOscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-VQFN Exposed PadSupplier Device Package28-QFN (6x6)	EEPROM Size	-
Data ConvertersA/D 5x8bOscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-VQFN Exposed PadSupplier Device Package28-QFN (6x6)	RAM Size	192 x 8
Oscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-VQFN Exposed PadSupplier Device Package28-QFN (6x6)	Voltage - Supply (Vcc/Vdd)	4 V ~ 5.5 V
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case28-VQFN Exposed PadSupplier Device Package28-QFN (6x6)	Data Converters	A/D 5x8b
Mounting Type-Package / Case28-VQFN Exposed PadSupplier Device Package28-QFN (6x6)	Oscillator Type	External
Package / Case28-VQFN Exposed PadSupplier Device Package28-QFN (6x6)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 28-QFN (6x6)	Mounting Type	-
	Package / Case	28-VQFN Exposed Pad
Report errors?	Supplier Device Package	28-QFN (6x6)
•		Report errors?

PIC16C73B-20I/ML 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.

PIC16C73B-20I/ML Payment Methods





If you have any question about PIC16C73B-20I/ML, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com