

PIC16F18455-E/SO

PIC16F18455-E/SO Information

Anna anna anna anna anna anna anna anna	 PIC16F18455-E/SO Microchip Technology Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 8BIT 14KB FLASH 28SOIC 28-SOIC (0.295", 7.50mm Width) For the pricing/inventory/lead time, please contact us	
For Reference Only	Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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PIC16F18455-E/SO Specifications

Manufacturer Microchip Technology Manufacturer Microchip Technology Category Integrated Circuits (ICs) Embedded - Microcontrollers 28-SOIC (0.295", 7.50mm Width) Package 28-SOIC (0.295", 7.50mm Width) Series PIC® XLP ^M 16F Core Processor PIC Core Size 8-Bit Speed 32MHz Connectivity PC, LINbus, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 26 Program Memory Size 14KB (8K x 14) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size IK x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters A/D 24x12b, D/A 1x5b Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 28-SOIC (0.295", 7.50mm Width)		
CategoryIntegrated Circuits (ICs)Embedded - MicrooutrollersPackage28-SOIC (0.295", 7.50mm Width)SeriesPIC® XLPTM 16FCore ProcessorPICCore Size8-BitSpeed32MHzConnectivityPC, LINbus, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O26Program Memory Size14KB (8K x 14)Pergram Memory TypeFLASHEEPROM Size256 x 8RAM SizeIK x 8Voltage - Supply (Vcc/Vdd)2.5 V ~ 5.5 VData ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature 40° C ~ 125°C (TA)Mounting Type28-SOIC (0.295", 7.50mm Width)	Manufacturer Part Number	PIC16F18455-E/SO
Endedded - MicrocontrollersPackage28-SOIC (0.295", 7.50mm Width)SeriesPIC® XLPTM 16FCore ProcessorPICCore Size8-BitSpeed32MHzConnectivityPC, LINbus, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O26Program Memory Size14KB (8K x 14)Program Memory Type526 x 8RAM Size256 x 8Voltage - Supply (Vcc/Vdd)2.5 V ~ 5.5 VData ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Manufacturer	Microchip Technology
Package28-SOIC (0.295", 7.50mm Width)SeriesPIC® XLPTM 16FCore ProcessorPICCore Size8-BitSpeed32MHzConnectivityPC, LINbus, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O26Program Memory Size14KB (8K x 14)Perprom Memory TypeFLASHEEPROM Size256 x 8Nufsize1K x 8Voltage - Supply (Vcc/Vdd)2.5 V ~ 5.5 VData ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature 40° C ~ 125°C (TA)Mounting Type28-SOIC (0.295", 7.50mm Width)	Category	Integrated Circuits (ICs)
SeriesPIC® XLP™ 16FCore ProcessorPICCore Size8-BitSpeed32MHzConnectivityPC, LINbus, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O26Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size256 x 8Voltage - Supply (Vcc/Vdd)2.5 V ~ 5.5 VData ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC		Embedded - Microcontrollers
Core ProcessorPICCore Size8-BitSpeed32MHzConnectivityPC, LINbus, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O26Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size256 x 8Voltage - Supply (Vcc/Vdd)2.5 V ~ 5.5 VData ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-Prokage / Case8-SOIC (0.295", 7.50mm Width)Supplier Device Package8-SOIC	Package	28-SOIC (0.295", 7.50mm Width)
Core Size8-BitSpeed32MHzConnectivityPC, LINbus, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O26Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size256 x 8Voltage - Supply (Vcc/Vdd)2.5 V ~ 5.5 VData ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Series	PIC® XLP TM 16F
Speed32MHzConnectivityPC, LINbus, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O26Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size1K x 8Voltage - Supply (Vcc/Vdd)2.5 V ~ 5.5 VData ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type28-SOIC (0.295", 7.50mm Width)Supplier Device Package88-SOIC	Core Processor	PIC
Connectivity PC, LINbus, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 26 Program Memory Size 14KB (8K x 14) Program Memory Type FLASH EEPROM Size 256 x 8 Number of I/O 2.5 V ~ 5.5 V Data Converters A/D 24x12b, D/A 1x5b Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 28-SOIC (0.295", 7.50mm Width)	Core Size	8-Bit
PeripheralsBrown-out Detect/Reset, POR, PWM, WDTPumber of I/O26Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size1K x 8Voltage - Supply (Vcc/Vdd)2.5 V ~ 5.5 VData ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Speed	32MHz
Number of I/O26Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size1K x 8Voltage - Supply (Vcc/Vdd)2.5 V ~ 5.5 VData ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Connectivity	I ² C, LINbus, SPI, UART/USART
Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size1K x 8Voltage - Supply (Vcc/Vdd)2.5 V ~ 5.5 VData ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size256 x 8RAM Size1K x 8Voltage - Supply (Vcc/Vdd)2.5 V ~ 5.5 VData ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Number of I/O	26
EEPROM Size256 x 8RAM Size1K x 8Voltage - Supply (Vcc/Vdd)2.5 V ~ 5.5 VData ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Program Memory Size	14KB (8K x 14)
RAM SizeIK x 8Voltage - Supply (Vcc/Vdd)2.5 V ~ 5.5 VData ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Program Memory Type	FLASH
NoteNoteVoltage - Supply (Vcc/Vdd)2.5 V ~ 5.5 VData ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	EEPROM Size	256 x 8
Data ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	RAM Size	1K x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Voltage - Supply (Vcc/Vdd)	2.5 V ~ 5.5 V
Operating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Data Converters	A/D 24x12b, D/A 1x5b
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 ~ 125°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 errors

PIC16F18455-E/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 BUARANTEE

Service Guarantees

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

PIC16F18455-E/SO Payment Methods



PIC16F18455-E/SO Shipping Methods



If you have any question about PIC16F18455-E/SO, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com