

PIC18F13K22-E/SO

PIC18F13K22-E/SO Information

Annual Annotation Con-	 PIC18F13K22-E/SO Microchip Technology Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 8BIT 8KB FLASH 20SOIC 20-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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PIC18F13K22-E/SO Specifications

Manufacturer Microchip Technology Integrated Circuits (ICs) Embedded - Microcontrollers Package 20-SOIC (0.295", 7.50mm Width) Series PIC? XLP? 18K Core Processor PIC Core Size 8-Bit Speed 48MHz Connectivity I2C, LIN, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 17 Program Memory Size 8KB (4K x 16) PEPROM Size 256 x 8 RAM Size 256 x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 5.5 V Data Converters A/D 12x10b Dycating Temperature -40°C ~ 125°C (TA)		
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage20-SOIC (0.295", 7.50mm Width)SeriesPIC (XLP? 18K)Core ProcessorPICCore Size8-BitSpeed48MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O17Program Memory Size8KB (4K x 16)Program Memory TypeFLASHEEPROM Size256 x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 12x10bOperating Temperature-40°C ~ 125°C (TA)	Manufacturer Part Number	PIC18F13K22-E/SO
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Series PIC? XLP? 18K Core Processor PIC Core Size 8-Bit Speed 48MHz Connectivity I2C, LIN, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 17 Program Memory Size 8KB (4K x 16) PEPOM Size 256 x 8 RAM Size 256 x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 5.5 V Data Converters A/D 12x10b Operating Temperature 40°C ~ 125°C (TA)		Embedded - Microcontrollers
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Speed48MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O17Program Memory Size8KB (4K x 16)Program Memory TypeFLASHEEPROM Size256 x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 12x10bOperating Temperature40°C ~ 125°C (TA)	Core Processor	PIC
Connectivity I2C, LIN, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 17 Program Memory Size 8KB (4K x 16) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 256 x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 5.5 V Data Converters A/D 12x10b Operating Temperature -40°C ~ 125°C (TA)	Core Size	8-Bit
Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 17 Program Memory Size 8KB (4K x 16) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 256 x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 5.5 V Data Converters A/D 12x10b Operating Temperature -40°C ~ 125°C (TA)	Speed	48MHz
Number of I/O 17 Program Memory Size 8KB (4K x 16) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 256 x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 5.5 V Data Converters A/D 12x10b Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA)	Connectivity	I2C, LIN, SPI, UART/USART
Program Memory Size8KB (4K x 16)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size256 x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)	Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size256 x 8RAM Size256 x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)	Number of I/O	17
EEPROM Size256 x 8RAM Size256 x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)	Program Memory Size	8KB (4K x 16)
RAM Size256 x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)	EEPROM Size	256 x 8
Data ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)	RAM Size	256 x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)	Voltage - Supply (Vcc/Vdd)	2.3 V ~ 5.5 V
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA)	Data Converters	A/D 12x10b
	Oscillator Type	Internal
	Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type -	Mounting Type	-
Package / Case 20-SOIC (0.295", 7.50mm Width)	Package / Case	20-SOIC (0.295", 7.50mm Width)
Supplier Device Package 20-SOIC	Supplier Device Package	20-SOIC
Report errors?		Report errors?

PIC18F13K22-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.

PIC18F13K22-E/SO Payment Methods





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