



PIC18F25K20-E/SO Information



For Reference Only

Part Number PIC18F25K20-E/SO

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

DescriptionIC MCU 8BIT 32KB FLASH 28SOICPackage28-SOIC (0.295", 7.50mm Width)

For the pricing/inventory/lead time, please contact

us

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PIC18F25K20-E/SO Specifications

Manufacturer Part NumberPIC18F25K20-E/SOManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage28-SOIC (0.295", 7.50mm Width)SeriesPIC? XLP? 18KCore ProcessorPICCore Size8-BitSpeed48MHzConnectivityI2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, HLVD, POR, PWM, WDTNumber of I/O24Program Memory Size32KB (16K x 16)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size1.5K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 11x10bOscillator TypeInternal		
Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 28-SOIC (0.295", 7.50mm Width) Series PIC? XLP? 18K Core Processor PIC Core Size 8-Bit Speed 48MHz Connectivity I2C, SPI, UART/USART Peripherals Brown-out Detect/Reset, HLVD, POR, PWM, WDT Number of I/O 24 Program Memory Size 32KB (16K x 16) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 1.5K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters A/D 11x10b Oscillator Type Internal	Manufacturer Part Number	PIC18F25K20-E/SO
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Speed 48MHz Connectivity I2C, SPI, UART/USART Peripherals Brown-out Detect/Reset, HLVD, POR, PWM, WDT Number of I/O 24 Program Memory Size 32KB (16K x 16) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 1.5K x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters A/D 11x10b Oscillator Type Internal	Core Processor	PIC
Connectivity I2C, SPI, UART/USART Peripherals Brown-out Detect/Reset, HLVD, POR, PWM, WDT Number of I/O 24 Program Memory Size 32KB (16K x 16) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 1.5K x 8 Voltage - Supply (Vcc/Vdd) Data Converters A/D 11x10b Oscillator Type Internal	Core Size	8-Bit
Peripherals Brown-out Detect/Reset, HLVD, POR, PWM, WDT Number of I/O 24 Program Memory Size 32KB (16K x 16) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 1.5K x 8 Voltage - Supply (Vcc/Vdd) Data Converters A/D 11x10b Oscillator Type Internal	Speed	48MHz
Number of I/O24Program Memory Size $32KB (16K \times 16)$ Program Memory TypeFLASHEEPROM Size 256×8 RAM Size $1.5K \times 8$ Voltage - Supply (Vcc/Vdd) $1.8 \times 3.6 \times$	Connectivity	I2C, SPI, UART/USART
Program Memory Size $32KB (16K \times 16)$ Program Memory TypeFLASHEEPROM Size 256×8 RAM Size $1.5K \times 8$ Voltage - Supply (Vcc/Vdd) $1.8 \times 3.6 \times 10^{-2}$ Data ConvertersA/D $11\times10b$ Oscillator TypeInternal	Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size 256×8 RAM Size $1.5K \times 8$ Voltage - Supply (Vcc/Vdd) $1.8 \times 3.6 \times 3.6 \times 1.00$ Data ConvertersA/D $11 \times 10b$ Oscillator TypeInternal	Number of I/O	24
EEPROM Size 256×8 RAM Size $1.5 \text{K} \times 8$ Voltage - Supply (Vcc/Vdd) $1.8 \text{ V} \sim 3.6 \text{ V}$ Data ConvertersA/D $11 \times 10 \text{b}$ Oscillator TypeInternal	Program Memory Size	32KB (16K x 16)
RAM Size $1.5K \times 8$ Voltage - Supply (Vcc/Vdd) $1.8 \text{ V} \sim 3.6 \text{ V}$ Data Converters $A/D 11 \times 10b$ Oscillator Type Internal	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) Data Converters A/D 11x10b Oscillator Type Internal	EEPROM Size	256 x 8
Data Converters A/D 11x10b Oscillator Type Internal	RAM Size	1.5K x 8
Oscillator Type Internal	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
	Data Converters	A/D 11x10b
	Oscillator Type	Internal
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TA)}$	Operating Temperature	$-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TA)}$
Mounting Type -	Mounting Type	-
Package / Case 28-SOIC (0.295", 7.50mm Width)	Package / Case	28-SOIC (0.295", 7.50mm Width)
Supplier Device Package 28-SOIC	Supplier Device Package	28-SOIC
Report error		Report errors?

PIC18F25K20-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.



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Our experienced sales team and tech support team back our services to satisfy all our customers.

PIC18F25K20-E/SO Payment Methods



















PIC18F25K20-E/SO Shipping Methods













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