

PIC18F24K42-E/SS

a Quote

PIC18F24K42-E/SS Information

Part Number	PIC18F24K42-E/SS	
Manufacturer	Microchip Technology	161 15 8 2
Category	Integrated Circuits (ICs) Embedded - Microcontrollers	
Description	IC MCU 8BIT 16KB FLASH 28SSOP	
Package	28-SSOP (0.209", 5.30mm Width)	
	For the pricing/inventory/lead time, please contact	
	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a
	Manufacturer Category Description	Embedded - MicrocontrollersDescriptionIC MCU 8BIT 16KB FLASH 28SSOPPackage28-SSOP (0.209", 5.30mm Width)For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com

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.



PIC18F24K42-E/SS Specifications

Manufacturer Microchip Technology Manufacturer Integrated Circuits (ICs) Embedded - Microcontrollers 28-SSOP (0.209", 5.30mm Width) Package 28-SSOP (0.209", 5.30mm Width) Series PIC Core Processor PIC Core Size 8-Bit Speed 64MHz Connectivity I2C, LIN, SPI, UART/USART Peripherals Brown-out Detect/Reset, DMA, HLVD, POR, PWM, WDT Speed 16KB (8K x 16) Program Memory Size 16KB (8K x 16) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size IK x 8 Voltage - Supply (Vcc/Vdd) 2.3 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-SSOP (0.209", 5.30mm Width)			
Category Integrated Circuits (Cs) Integrated Circuits (Cs) Embedded - Microcontrollers Package 28-SSOP (0.209", 5.30mm Width) Series PIC? XLP? 18K Core Processor PIC Core Size 8-Bit Speed 64MHz Connectivity I2C, LIN, SPI, UART/USART Peripherals Brown-out Detect/Reset, DMA, HLVD, POR, PWM, WDT Number of I/O 25 Program Memory Size 16KB (8K x 16) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size IK x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 5.5 V Data Converters A/D 24x12b, D/A 1x5b Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Package / Case 28-SSOP (0.209", 5.30mm Width) Supplier Device Package 28-SSOP	Manufacturer Part Number	PIC18F24K42-E/SS	
Embedded - MicrocontrollersPackage28-SSOP (0.209", 5.30mm Width)SeriesPIC? XLP? 18KCore FrocessorPICCore Size8-BitSpeed64MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, HLVD, POR, PWM, WDTNumber of I/O25Program Memory Size16KB (8K x 16)Program Memory TypeFLASHEEPROM Size256 x 8RAM SizeIK x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Manufacturer	Microchip Technology	
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SeriesPIC? XLP? 18KCore ProcessorPICCore Size8-BitSpeed64MHzConnectivity12C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, HLVD, POR, PWM, WDTNumber of I/O25Program Memory Size16KB (8K x 16)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size1K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersAD 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP		Embedded - Microcontrollers	
Core ProcessorPICCore Size8-BitSpeed64MHzConnectivityIC, LIN, SPI, UART/USARTConnectivityBrown-out Detect/Reset, DMA, HLVD, POR, PWM, WDTPeripheralsStown-out Detect/Reset, DMA, HLVD, POR, PWM, WDTNumber of I/O5Program Memory Size16KB (8K x 16)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size1K x 8Voltag - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-0°C ~ 125°C (TA)Package / Case28-SSOP (0.209", 5.30mm Width)	Package	28-SSOP (0.209", 5.30mm Width)	
Core Size8-BitSpeed64MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, HLVD, POR, PWM, WDTNumber of I/O25Program Memory Size16KB (8K x 16)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size1K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 24x12b, D/A 1x5bOscillator Type-40°C ~ 125°C (TA)Operating Temperature-40°C ~ 250°C (TA)Package / Case8-SSOP (0.209", 5.30mm Width)Supplier Device Package8-SSOP	Series	PIC? XLP? 18K	
Speed64MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, HLVD, POR, PWM, WDTNumber of I/O25Program Memory Size16KB (8K x 16)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size1K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 24x12b, D/A 1x5bOscillator Type-40°C ~ 125°C (TA)Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Core Processor	PIC	
ConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, HLVD, POR, PWM, WDTNumber of I/O25Program Memory Size16KB (8K x 16)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size1K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Core Size	8-Bit	
Peripherals Brown-out Detect/Reset, DMA, HLVD, POR, PWM, WDT Number of I/O 25 Program Memory Size 16KB (8K x 16) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 5.5 V Data Converters A/D 24x12b, D/A 1x5b Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Package / Case 28-SSOP (0.209", 5.30mm Width) Supplier Device Package 28-SSOP	Speed	64MHz	
Number of I/O 25 Program Memory Size 16KB (8K x 16) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.3 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-SSOP (0.209", 5.30mm Width)	Connectivity	I2C, LIN, SPI, UART/USART	
Program Memory Size16KB (8K x 16)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size1K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 24x12b, D/A 1x5bOscillator 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, HLVD, POR, PWM, WDT	
Program Memory TypeFLASHEEPROM Size256 x 8RAM Size1K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Number of I/O	25	
EEPROM Size256 x 8RAM Size1K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Program Memory Size	16KB (8K x 16)	
RAM SizeIK x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Program Memory Type	FLASH	
Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	EEPROM Size	256 x 8	
Data ConvertersA/D 24x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	RAM Size	1K x 8	
Oscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-SSOP (0.209", 5.30mm Width)Supplier Device Package28-SSOP	Voltage - Supply (Vcc/Vdd)	2.3 V ~ 5.5 V	
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 24x12b, D/A 1x5b	
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?

PIC18F24K42-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 Guarantees

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

PIC18F24K42-E/SS Payment Methods



PIC18F24K42-E/SS Shipping Methods



If you have any question about PIC18F24K42-E/SS, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com