

PIC18F46K42-I/MV

PIC18F46K42-I/MV Information

Heisener.com Gidal lerves sant ter	 PIC18F46K42-I/MV Microchip Technology Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 8BIT 64KB FLASH 40UQFN - For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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PIC18F46K42-I/MV Specifications

Manufacturer Part Number PIC18F46K42-I/MV Manufacturer Microchip Technology Category Integrated Circuits (ICs) Embedded - Microcontrollers Embedded - Microcontrollers Package - Stries PIC? XLP? 18K Core Processor PIC Core Size 8-Bit Speed 64MHz Connectivity ICc, LIN, SPI, UART/USART Peripherals Brown-out Detect/Reset, DMA, HLVD, POR, PWM, WDT Number of I/O 36 Program Memory Size 64KB (32K x 16) Program Memory Type FLASH EEPROM Size IK x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 5.5 V Data Converters A/D 35x12b, D/A 1x5b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case - Supplier Device Package -			
Category Integrate Circuits (ICs) Integrate Circuits (ICs) Embedded - Microcontrollers Package - 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 36 Program Memory Size 64KB (32K x 16) Program Memory Type FLASH EEPROM Size IX x 8 Voltage - Supply (Vcc/Vdd) 2.3 V ~ 5.5 V Data Converters A/D 35x12b, D/A 1x5b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case - Supplier Device Package -	Manufacturer Part Number	PIC18F46K42-I/MV	
Hendedde - MicrocontrollersPackage-SeriesPIC? XLP? 18KCore ProcessorPICCore Size8-BitSpeed64MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, HLVD, POR, PWM, WDTNumber of I/O36Program Memory Size64KB (32K x 16)Program Memory TypeFLASHEEPROM Size1K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 35x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case-Supplier Device Package-	Manufacturer	Microchip Technology	
Package-SeriesJC? XLP? 18KCore ProcessorJCCore Size8-BitSpeed64MHzConnectivityJC, LIN, SPI, UART/USARTPeripheralsBrown-out Detec/Reset, DMA, HLVD, POR, PWM, WDTNumber of I/O64KB (32K x 16)Program Memory SizeFLASHEEPROM SizeIK x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VOscillator TypeHernalOperating TemperatureA/D 53x12b, D/A 1x5bOscillator Type-Admong Type-Operating Temperature-Apackage / Case-Supplier Device Package-Supplier Device Package-Supplier Device Package-	Category	Integrated Circuits (ICs)	
SeriesPIC? XLP? 18KCore ProcessorPICCore Size8-BitSpeed64MHzConnectivity12C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, HLVD, POR, PWM, WDTNumber of I/O36Program Memory Size64KB (32K x 16)Program Memory TypeFLASHEEPROM Size1K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 35x12b, D/A 1x5bOscillator Type.Operating Temperature40°C ~ 85°C (TA)Mounting Type.Package / Case.Supplier Device Package.		Embedded - Microcontrollers	
Core ProcessorPICCore Size8-BitSpeed64MHzConnectivityIC, LIN, SPI, UART/USARTPorpheralsBrown-out Detect/Reset, DMA, HLVD, POR, PWM, WDTNumber of I/O64Program Memory Size64KB (32K x 16)Program Memory TypeFLASHEEPROM Size1K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersAD 35x12b, D/A 1x5bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Prokage / Case.Supplier Device Package-Supplier Dev	Package	-	
Core Size8-BitSpeed64MHzConnectivityIC, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, HLVD, POR, PWM, WDTNumber of I/O36Program Memory Size64KB (32K x 16)Program Memory TypeELASHEEPROM Size1K x 8RAM Size4K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersAID 35x12b, D/A 1x5bOscillator Type-40°C ~ 85°C (TA)Mounting Type-Package / Case.Supplier Device Package.	Series	PIC? XLP? 18K	
Speed64MHzConnectivityIC, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, HLVD, POR, PWM, WDTNumber of I/O36Program Memory Size64KB (32K x 16)Program Memory TypeFLASHEEPROM Size1K x 8RAM Size4K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersArd 35x12b, D/A 1x5bOperating Temperature40°C ~ 85°C (TA)Mounting Type-Package / Case.Supplier Device Package-Supplier Device Package-	Core Processor	PIC	
ConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, HLVD, POR, PWM, WDTNumber of I/O36Program Memory Size64KB (32K x 16)Program Memory TypeFLASHEEPROM Size1K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 35x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case-Supplier Device Package-	Core Size	8-Bit	
PeripheralsBrown-out Detect/Reset, DMA, HLVD, POR, PWM, WDTNumber of I/O36Program Memory Size64KB (32K x 16)Program Memory TypeFLASHEEPROM Size1K x 8RAM Size4K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 35x12b, D/A 1x5bOscillator Type-40°C ~ 85°C (TA)Mounting Type-Package / Case-Supplier Device Package-	Speed	64MHz	
Number of I/O36Program Memory Size64KB (32K x 16)Program Memory TypeFLASHEEPROM Size1K x 8RAM Size4K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 35x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case-Supplier Device Package-	Connectivity	I2C, LIN, SPI, UART/USART	
Program Memory Size64KB (32K x 16)Program Memory TypeFLASHEEPROM Size1K x 8RAM Size4K x 8Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 35x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case-Supplier Device Package-	Peripherals	Brown-out Detect/Reset, DMA, HLVD, POR, PWM, WDT	
Program Memory TypeFLASHEEPROM Size1K x 8RAM Size4K x 8Voltage - Supply (Vcc/Vd)2.3 V ~ 5.5 VData ConvertersA/D 35x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case-Supplier Device Package-	Number of I/O	36	
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Voltage - Supply (Vcc/Vdd)2.3 V ~ 5.5 VData ConvertersA/D 35x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case-Supplier Device Package-	EEPROM Size	1K x 8	
Data ConvertersA/D 35x12b, D/A 1x5bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case-Supplier Device Package-	RAM Size	4K x 8	
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case-Supplier Device Package-	Voltage - Supply (Vcc/Vdd)	2.3 V ~ 5.5 V	
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case-Supplier Device Package-	Data Converters	A/D 35x12b, D/A 1x5b	
Mounting Type-Package / Case-Supplier Device Package-	Oscillator Type	Internal	
Package / Case-Supplier Device Package-	Operating Temperature	-40°C ~ 85°C (TA)	
Supplier Device Package -	Mounting Type	-	
	Package / Case	-	
Report errors?	Supplier Device Package	-	
			Report errors?

PIC18F46K42-I/MV 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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Service Guarantees

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

PIC18F46K42-I/MV Payment Methods





If you have any question about PIC18F46K42-I/MV, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com