

PIC24HJ128GP502-E/SP

PIC24HJ128GP502-E/SP Information



Part Number	PIC24HJ128GP502-E/SP	
Manufacturer	Microchip Technology	
Category	Integrated Circuits (ICs) Embedded - Microcontrollers	
Description	IC MCU 16BIT 128KB FLASH 28SDIP	
Package	28-DIP (0.300", 7.62mm)	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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PIC24HJ128GP502-E/SP Specifications

ManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage28-DIP (0.300", 7.62mm)SeriesPIC? 24HCore ProcessorPICCore Size16-BitSpeed40 MIPsConnectivityCAN, 12C, IrDA, LIN, PMP, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O21Program Memory Size128KB (43K x 24)PERPOM Size-RAM SizeSK x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 10x10b/12bOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-DIP (0.300", 7.62mm)Supplier Device Package28-SPDIP		
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage28-DIP (0.300", 7.62mm)Package28-DIP (0.300", 7.62mm)SeriesPIC? 24HCore ProcessorPICCore Size16-BitSpeed40 MIPsConnectivityCAN, 12C, IrDA, LIN, PMP, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O21Program Memory Size128KB (43K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 10x10b/12bOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-DIIP (0.300", 7.62mm)Supplier Device Package28-SPDIP	Manufacturer Part Number	PIC24HJ128GP502-E/SP
Enhedded - MicrocontrollersPackage28-DIP (0.300", 7.62mm)SeriesPIC? 24HCore ProcessorPICCore Size16-BitSpeed40 MIPsConnectivityCAN, 12C, IrDA, LIN, PMP, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O21Program Memory Size128KB (43K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData Converters-40°C ~ 125°C (TA)Operating Temperature-40°C ~ 162°C (TA)Package / Case28-DDIP (0.300", 7.62mm)Supplier Device Package28-SPDIP	Manufacturer	Microchip Technology
Package28-DIP (0.300", 7.62mm)SeriesPIC ? 24HCore ProcessorPICCore Size16-BitSpeed40 MIPsConcetivityCAN, 12C, IrDA, LIN, PMP, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O21Program Memory Size128KB (43K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 10x10b/12bOscillator Type-Package / Case28-DIP (0.300", 7.62mm)Supplier Device Package88-SPDIP	Category	Integrated Circuits (ICs)
SeriesPIC? 24HCore ProcessorPICCore Size16-BitSpeed40 MIPsConnectivityCAN, 12C, IrDA, LIN, PMP, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O21Program Memory Size128KB (43K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltag - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 10x10b/12bOscillator TypeInternalOperating Temperature40°C ~ 125°C (TA)Mounting Type2Package / Case28-SPDIP		Embedded - Microcontrollers
Core ProcessorPICCore Size16-BitSpeed40 MIPsConnectivityCAN, 12C, IrDA, LIN, PMP, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O21Program Memory Size128KB (43K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 10x10b/12bOscillator Type-Program Type-Program Type-Supplier Device Package8-SPDIP	Package	28-DIP (0.300", 7.62mm)
Core Size16-BitSpeed40 MIPsConnectivityCAN, I2C, IrDA, LIN, PMP, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O21Program Memory Size128KB (43K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 10x10b/12bOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case88-SPDIPSupplier Device Package28-SPDIP	Series	PIC? 24H
Speed40 MIPsConnectivityCAN, 12C, IrDA, LIN, PMP, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O21Program Memory Size128KB (43K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 10x10b/12bOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-DIP (0.300", 7.62mm)Supplier Device Package28-SPDIP	Core Processor	PIC
ConnectivityCAN, 12C, IrDA, LIN, PMP, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O21Program Memory Size128KB (43K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 10x10b/12bOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-DIP (0.300", 7.62mm)Supplier Device Package28-SPDIP	Core Size	16-Bit
PeripheralsBrown-out Detect/Reset, DMA, POR, PWM, WDTNumber of I/O21Program Memory Size128KB (43K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 10x10b/12bOscillator Type-Operating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-DIP (0.300", 7.62mm)Supplier Device Package28-SPDIP	Speed	40 MIPs
Number of I/O21Program Memory Size128KB (43K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 10x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-DIP (0.300", 7.62mm)Supplier Device Package28-SPDIP	Connectivity	CAN, I2C, IrDA, LIN, PMP, SPI, UART/USART
Program Memory Size128KB (43K x 24)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 10x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-DIP (0.300", 7.62mm)Supplier Device Package28-SPDIP	Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 10x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-DIP (0.300", 7.62mm)Supplier Device Package28-SPDIP	Number of I/O	21
EEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 10x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-DIP (0.300", 7.62mm)Supplier Device Package28-SPDIP	Program Memory Size	128KB (43K x 24)
RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 10x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-DIP (0.300", 7.62mm)Supplier Device Package28-SPDIP	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 10x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-DIP (0.300", 7.62mm)Supplier Device Package28-SPDIP	EEPROM Size	-
Data ConvertersA/D 10x10b/12bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-DIP (0.300", 7.62mm)Supplier Device Package28-SPDIP	RAM Size	8K x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-DIP (0.300", 7.62mm)Supplier Device Package28-SPDIP	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Operating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case28-DIP (0.300", 7.62mm)Supplier Device Package28-SPDIP	Data Converters	A/D 10x10b/12b
Mounting Type-Package / Case28-DIP (0.300", 7.62mm)Supplier Device Package28-SPDIP	Oscillator Type	Internal
Package / Case28-DIP (0.300", 7.62mm)Supplier Device Package28-SPDIP	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package 28-SPDIP	Mounting Type	-
	Package / Case	28-DIP (0.300", 7.62mm)
Report errors'	Supplier Device Package	28-SPDIP
		Report errors?

PIC24HJ128GP502-E/SP 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.

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PIC24HJ128GP502-E/SP Shipping Methods



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