

PIC16LF1829-E/P

PIC16LF1829-E/P Information

WILLIAM PHANNA	 PIC16LF1829-E/P Microchip Technology Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 8BIT 14KB FLASH 20DIP 20-DIP (0.300", 7.62mm) 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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PIC16LF1829-E/P Specifications

Manufacturer Microchip Technology Manufacturer Microchip Technology Manufacturer Microchip Technology Category Integrated Circuits (ICs) Embedded - Microcontrollers 20-DIP (0.300", 7.62mm) Package 20-DIP (0.300", 7.62mm) Series PIC Core Processor PIC Core Size 8-Bit Speed 32MHz Connectivity I2C, LIN, SPI, UART/USART Porpara Memory Size I4KB (8K x 14) Program Memory Size I4KB (8K x 14) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size IX x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 3.6 V Data Converters A/D 12x10b Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Mounting Type - Package / Case 20-DIP (0.300", 7.62mm)		
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage20-DIP (0.300", 7.62mm)SeriesPIC? XLP? mTouch? 16FCore ProcessorPICCore Size8-BitSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O17Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size256 x 8RAM SizeIK x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x10bOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Manufacturer Part Number	PIC16LF1829-E/P
Enbedded - MicrocontrollersPackage20-DIP (0.300°, 7.62mm)PackagePIC? XLP? mTouch? 16FCore ProcessorPICCore Size8-BitSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O17Program Memory Size14KB (8K x 14)Pergram Memory Type526 x 8RAM Size256 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature40°C ~ 125°C (TA)Mounting Type-Package / Case20-DIP (0.300°, 7.62mm)Supplier Device Package20-PDIP	Manufacturer	Microchip Technology
Package20-DIP (0.300", 7.62mm)SeriesPIC? XLP? mTouch? 16FCore ProcessorPICCore Size8-BitSpeed32MHzConcetivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O17Program Memory Size14KB (8K x 14)PERPOM Size256 x 8RAM Size1.8 V ~ 3.6 VVoltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x10bOperating Temperature440°C ~ 125°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Category	Integrated Circuits (ICs)
SeriesPIC? XLP? mTouch? 16FCore ProcessorPICCore Size8-BitSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O17Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size256 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x10bOscillator Type-Prackage / Case20-DIP (0.300°, 7.62mm)Supplier Device Package0-PDIP		Embedded - Microcontrollers
Core ProcessorPICCore Size8-BitSpeed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O17Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size1K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x10bOscillator Type-Program Type-Prokage / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Package	20-DIP (0.300", 7.62mm)
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Speed32MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O17Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size1K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x10bOscillator Type-Operating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Core Processor	PIC
ConnectivityI2C, LIN, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O17Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size1K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x10bOperating Temperature-Potage / Case20-DIP (0.300", 7.62mm)Supplier Device Package0-PDIP	Core Size	8-Bit
PeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O17Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size1K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Speed	32MHz
Number of I/O17Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size1K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Connectivity	I2C, LIN, SPI, UART/USART
Program Memory Size14KB (8K x 14)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size1K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size256 x 8RAM Size1K x 8Voltage - Supply (Vcc/Vd)1.8 V ~ 3.6 VData ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Number of I/O	17
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Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	EEPROM Size	256 x 8
Data ConvertersA/D 12x10bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	RAM Size	1K x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Operating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Data Converters	A/D 12x10b
Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Oscillator Type	Internal
Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package 20-PDIP	Mounting Type	-
	Package / Case	20-DIP (0.300", 7.62mm)
Report errors?	Supplier Device Package	20-PDIP
		Report errors?

PIC16LF1829-E/P 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.

PIC16LF1829-E/P Payment Methods



PIC16LF1829-E/P Shipping Methods



If you have any question about PIC16LF1829-E/P, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com