



PIC16HV616-I/P Information



For Reference Only

Part Number PIC16HV616-I/P

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 8BIT 3.5KB FLASH 14DIP

Package 14-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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PIC16HV616-I/P Specifications

Manufacturer Part Number PIC16HV616-I/P Manufacturer Microchip Technology Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 14-DIP (0.300", 7.62mm) Series PIC? 16F Core Processor PIC Core Size 8-Bit Speed 20MHz Connectivity - Peripherals Brown-out Detect/Reset, POR, WDT Number of I/O 11 Program Memory Size 3.5KB (2K x 14) Program Memory Type FLASH EEPROM Size - RAM Size 128 x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 5 V Data Converters A/D 8x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 14-DIP (0.300", 7.62mm) Supplier Device Package 14-PDIP	•	
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Speed 20MHz Connectivity - Peripherals Brown-out Detect/Reset, POR, WDT Number of I/O 11 Program Memory Size 3.5KB (2K x 14) Program Memory Type FLASH EEPROM Size - RAM Size 128 x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 5 V Data Converters A/D 8x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 14-DIP (0.300", 7.62mm) Supplier Device Package 114-PDIP	Core Processor	PIC
Connectivity - Peripherals Brown-out Detect/Reset, POR, WDT Number of I/O 11 Program Memory Size 3.5KB (2K x 14) Program Memory Type FLASH EEPROM Size - RAM Size 128 x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 5 V Data Converters A/D 8x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type Package / Case 14-DIP (0.300", 7.62mm) Supplier Device Package 14-PDIP	Core Size	8-Bit
Peripherals Number of I/O 11 Program Memory Size 3.5KB (2K x 14) Program Memory Type FLASH EEPROM Size - RAM Size 128 x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 5 V Data Converters A/D 8x10b Oscillator Type Internal Operating Temperature 40°C ~ 85°C (TA) Mounting Type - Package / Case 14-DIP (0.300", 7.62mm) Supplier Device Package	Speed	20MHz
Number of I/O Program Memory Size 3.5KB (2K x 14) Program Memory Type FLASH EEPROM Size - RAM Size 128 x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 5 V Data Converters A/D 8x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 14-DIP (0.300", 7.62mm) Supplier Device Package	Connectivity	-
Program Memory Size 3.5KB (2K x 14) Program Memory Type FLASH EEPROM Size - RAM Size 128 x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 5 V Data Converters A/D 8x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 14-DIP (0.300", 7.62mm) Supplier Device Package	Peripherals	Brown-out Detect/Reset, POR, WDT
Program Memory Type FLASH EEPROM Size - RAM Size 128 x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 5 V Data Converters A/D 8x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 14-DIP (0.300", 7.62mm) Supplier Device Package 14-PDIP	Number of I/O	11
EEPROM Size - 128 x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 5 V Data Converters A/D 8x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 14-DIP (0.300", 7.62mm) Supplier Device Package 14-PDIP	Program Memory Size	3.5KB (2K x 14)
RAM Size 128 x 8 Voltage - Supply (Vcc/Vdd) 2 V ~ 5 V Data Converters A/D 8x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 14-DIP (0.300", 7.62mm) Supplier Device Package 14-PDIP	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)2 V ~ 5 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case14-DIP (0.300", 7.62mm)Supplier Device Package14-PDIP	EEPROM Size	-
Data Converters A/D 8x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 14-DIP (0.300", 7.62mm) Supplier Device Package	RAM Size	128 x 8
Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 14-DIP (0.300", 7.62mm) Supplier Device Package 14-PDIP	Voltage - Supply (Vcc/Vdd)	2 V ~ 5 V
Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 14-DIP (0.300", 7.62mm) Supplier Device Package 14-PDIP	Data Converters	A/D 8x10b
Mounting Type - Package / Case 14-DIP (0.300", 7.62mm) Supplier Device Package 14-PDIP	Oscillator Type	Internal
Package / Case 14-DIP (0.300", 7.62mm) Supplier Device Package 14-PDIP	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
Supplier Device Package 14-PDIP	Mounting Type	-
	Package / Case	14-DIP (0.300", 7.62mm)
Report errors?	Supplier Device Package	14-PDIP
		Report errors?

PIC16HV616-I/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.

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