

# PIC16C432-E/P

## PIC16C432-E/P Information

MILLION CONTRACTOR	Part Number Manufacturer Category Description Package	PIC16C432-E/P Microchip Technology Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 8BIT 3.5KB OTP 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

## **Certified Quality**

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## PIC16C432-E/P Specifications

ManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage20-DIP (0.300", 7.62mm)SeriesPIC? 16CCore ProcessorPICCore Size8-BitSpeed20MHzConnectivityLINPreipheralsBrown-out Detect/Reset, POR, WDTNumber of I/O12Program Memory Size-EEPROM Size-RAM Size128 x 8Voltage - Supply (Vcc/Vdd)4.5 V ~ 5.5 VData Converters-Operating Temperature4.0°C ~ 125°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package0-PDIP		
Category     Integrated Circuits (ICs)       Embedded - Microcontrollers       Package     20-DIP (0.300", 7.62mm)       Series     PIC? 16C       Core Processor     PIC       Core Size     8-Bit       Speed     20MHz       Connectivity     LIN       Peripherals     Brown-out Detect/Reset, POR, WDT       Number of I/O     12       Program Memory Size     3.5KB (2K x 14)       Program Memory Type     OTP       EEPROM Size     -       RAM Size     128 x 8       Voltage - Supply (Vcc/Vdd)     4.5 V ~ 5.5 V       Data Converters     -       Operating Temperature     -40°C ~ 125°C (TA)       Mounting Type     -       Package / Case     20-DIP (0.300", 7.62mm)	Manufacturer Part Number	PIC16C432-E/P
IndextedEmbedded - MicrocontrollersPackage20-DIP (0.300", 7.62mm)PackagePIC? 16CCore ProcessorPICCore Size8-BitSpeed20MHzConnectivityLINPeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O12Program Memory Size-PRTMEMSIZESKB (2K x 14)Porgram Memory Type0TPEEPROM Size-Nutage - Supply (Vcc/Vdd)4.5 V ~ 5.5 VData Converters-Oscillator TypeExternalOperating Temperature-Mounting Type-Package / Case0-DIP (0.300", 7.62mm)Supplier Device Package0-PDIP	Manufacturer	Microchip Technology
Package20-DIP (0,300", 7.62mm)SeriesPIC? 16CCore ProcessorPICCore Size8-BitSpeed20MHzConectivityLINPeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O12Program Memory Size3.5KB (2K x 14)Program Memory TypeOTPEEPROM Size-Nufsize1.28 x 8Voltage - Supply (Vcc/Vdd)4.5 V ~ 5.5 VData Converters-Oscillator TypeExternalOperating Temperature-Mounting Type-Package / Case0.0-DIP (0.300", 7.62mm)Supplier Device Package0.0-DIP (0.300", 7.62mm)	Category	Integrated Circuits (ICs)
SeriesPIC? 16CCore ProcessorPICCore Size8-BitSpeed20MHzConnectivityLINPeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O12Program Memory Size3.5KB (2K x 14)Program Memory TypeOTPEEPROM Size-RAM Size128 x 8Voltage - Supply (Vcc/Vdd)4.5 V ~ 5.5 VData Converters-Oscillator TypeExternalOperating Temperature-Mounting Type-Package / Case20-DIP (0.300°, 7.62mm)Supplier Device Package20-PDIP		Embedded - Microcontrollers
Core ProcessorPICCore Size8-BitSpeed20MHzConnectivityLINPeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O12Program Memory Size3.5KB (2K x 14)Program Memory TypeOTPEEPROM Size-RAM Size128 x 8Voltage - Supply (Vcc/Vdd)4.5 V ~ 5.5 VData Converters-Oscillator TypeExternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Package	20-DIP (0.300", 7.62mm)
Core Size8-BitSpeed20MHzConnectivityLINPeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O12Program Memory Size3.5KB (2K x 14)Program Memory TypeOTPEEPROM Size-RAM Size128 x 8Voltage - Supply (Vcc/Vdd)4.5 V ~ 5.5 VData Converters-Operating Temperature40°C ~ 125°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Series	PIC? 16C
Speed20MHzConnectivityLINPeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O12Program Memory Size3.5KB (2K x 14)Program Memory TypeOTPEEPROM Size-RAM Size128 x 8Voltage - Supply (Vcc/Vdd)4.5 V ~ 5.5 VData Converters-Oscillator TypeExternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Core Processor	PIC
ConnectivityLINPeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O12Program Memory Size3.5KB (2K x 14)Program Memory TypeOTPEEPROM Size-RAM Size128 x 8Voltage - Supply (Vcc/Vdd)4.5 V ~ 5.5 VData Converters-Operating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Core Size	8-Bit
PeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O12Program Memory Size3.5KB (2K x 14)Program Memory TypeOTPEEPROM Size-RAM Size128 x 8Voltage - Supply (Vcc/Vdd)4.5 V ~ 5.5 VData Converters-Operating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Speed	20MHz
Number of I/O     12       Program Memory Size     3.5KB (2K x 14)       Program Memory Type     OTP       EEPROM Size     -       RAM Size     128 x 8       Voltage - Supply (Vcc/Vdd)     4.5 V ~ 5.5 V       Data Converters     -       Oscillator Type     External       Operating Temperature     -40°C ~ 125°C (TA)       Mounting Type     -       Package / Case     20-DIP (0.300", 7.62mm)       Supplier Device Package     20-PDIP	Connectivity	LIN
Program Memory Size3.5KB (2K x 14)Program Memory TypeOTPEEPROM Size-RAM Size128 x 8Voltage - Supply (Vcc/Vdd)4.5 V ~ 5.5 VData Converters-Oscillator TypeExternalOperating 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, WDT
Program Memory TypeOTPEEPROM Size-RAM Size128 x 8Voltage - Supply (Vcc/Vd)4.5 V ~ 5.5 VData Converters-Oscillator TypeExternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Number of I/O	12
EEPROM Size-RAM Size128 x 8Voltage - Supply (Vcc/Vdd)4.5 V ~ 5.5 VData Converters-Oscillator TypeExternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Program Memory Size	3.5KB (2K x 14)
RAM Size128 x 8Voltage - Supply (Vcc/Vdd)4.5 V ~ 5.5 VData Converters-Oscillator TypeExternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Program Memory Type	OTP
Voltage - Supply (Vcc/Vdd)4.5 V ~ 5.5 VData Converters-Oscillator TypeExternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	EEPROM Size	-
Data Converters-Oscillator TypeExternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	RAM Size	128 x 8
Oscillator TypeExternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 5.5 V
Operating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Data Converters	-
Mounting Type-Package / Case20-DIP (0.300", 7.62mm)Supplier Device Package20-PDIP	Oscillator Type	External
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?

#### PIC16C432-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.

### PIC16C432-E/P Payment Methods



## PIC16C432-E/P Shipping Methods



If you have any question about PIC16C432-E/P, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com