

ATTINY45V-10SH

ATTINY45V-10SH Information

With first sener.com	 ATTINY45V-10SH Microchip Technology Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 8BIT 4KB FLASH 8SOIC 8-SOIC (0.209", 5.30mm Width) 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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ATTINY45V-10SH Specifications

Manufacturer Microchip Technology Manufacturer Microchip Technology Category Integrated Circuits (ICs) Embedded - Microchtrollers Embedded - Microchtrollers Package & SOIC (0.209", 5.30mm Width) Series AVR? ATtiny Core Processor AVR Core Size & Bit Speed 10MHz Connectivity USI Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 6 Program Memory Size 4KB (2K x 16) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 256 x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V Data Converters A/D 4x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SOIC (0.209", 5.30mm Width)		
CategoryIntegrated Circuits (Cs)Embedded - MicrocontrollersPackage8-SOIC (0.209", 5.30mm Width)SeriesAVR? ATtinyCore ProcessorAVRCore Size8-BitSpeed10MHzConnectivityUSIPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O6Program Memory Size4KB (2K x 16)Program Memory TypeFLASHEEPROM Size256 x 8Nulage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 4x10bOperating Temperature-40°C ~ 85°C (TA)Operating Temperature-40°C ~ 85°C (TA)Package / Case8-SOIC (0.209", 5.30mm Width)Supplier Device Package8-SOIC	Manufacturer Part Number	ATTINY45V-10SH
Embedded - MicrocontrollersPackage8-SOIC (0.209", 5.30mm Width)SeriesAVR? ATtinyCore ProcessorAVRCore Size8-BitSpeed10MHzConnectivityUSIPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O6Program Memory Size4KB (2K x 16)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size256 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 4x10bOperating Temperature-40°C ~ 85°C (TA)Package / Case8-SOIC (0.209", 5.30mm Width)Supplier Device Package6-SOIC	Manufacturer	Microchip Technology
Package8-SOIC (0.209", 5.30mm Width)SeriesAVR? ATtinyCore ProcessorAVRCore Size8-BitSpeed10MHzConnetivityUSIPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O6Program Memory Size4KB (2K x 16)PERPROM Size256 x 8RAM Size256 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 4x10bOperating Temperature-40°C ~ 85°C (TA)Package / Case8-SOIC (0.209", 5.30mm Width)Supplier Device Package8-SOIC	Category	Integrated Circuits (ICs)
SeriesAVR? ATtinyCore ProcessorAVRCore Size8-BitSpeed10MHzConnectivityUSIPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O6Program Memory Size4KB (2K x 16)Program Memory TypeFLASHEEPROM Size256 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 4x10bOperating Temperature4.0°C ~ 85°C (TA)Program Memory Type-Package / Case8-SOIC (0.209°, 5.30mm Width)		Embedded - Microcontrollers
AvR Core Processor AVR Core Size 8-Bit Speed 10MHz Connectivity USI Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 6 Program Memory Size 4KB (2K x 16) Program Memory Type FLASH EEPROM Size 256 x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V Data Converters A/D 4x10b Operating Temperature - Avor C ~ 85°C (TA) - Package / Case 8-SOIC (0.209", 5.30mm Width)	Package	8-SOIC (0.209", 5.30mm Width)
Core Size8-BitSpeed10MHzConnectivityUSIPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O6Program Memory Size4KB (2K x 16)Program Memory TypeFLASHEEPROM Size256 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 4x10bOperating Temperature-40°C ~ 85°C (TA)Program Grape-Package / Case8-SOIC (0.209", 5.30mm Width)	Series	AVR? ATtiny
Speed10MHzConnectivityUSIPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O6Program Memory Size4KB (2K x 16)Program Memory TypeFLASHEEPROM Size256 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 4x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case8-SOIC (0.209", 5.30mm Width)Supplier Device Package8-SOIC	Core Processor	AVR
Connectivity USI Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 6 Program Memory Size 4KB (2K x 16) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 256 x 8 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 5.5 V Data Converters A/D 4x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SOIC (0.209", 5.30mm Width)	Core Size	8-Bit
PeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O6Program Memory Size4KB (2K x 16)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size256 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 4x10bOscillator TypeInternalOperating Temperature-Package / Case8-SOIC (0.209", 5.30mm Width)Supplier Device Package8-SOIC	Speed	10MHz
Number of I/O6Program Memory Size4KB (2K x 16)Program Memory TypeFLASHEEPROM Size256 x 8256 x 8256 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 4x10bOscillator Type-40°C ~ 85°C (TA)Operating Temperature-Package / Case8-SOIC (0.209", 5.30mm Width)Supplier Device Package8-SOIC	Connectivity	USI
Program Memory Size4KB (2K x 16)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size256 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 4x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case8-SOIC (0.209", 5.30mm Width)	Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size256 x 8RAM Size256 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 4x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case8-SOIC (0.209", 5.30mm Width)Supplier Device Package8-SOIC	Number of I/O	6
EEPROM Size256 x 8RAM Size256 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 4x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case8-SOIC (0.209", 5.30mm Width)Supplier Device Package8-SOIC	Program Memory Size	4KB (2K x 16)
RAM Size256 x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 4x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case8-SOIC (0.209", 5.30mm Width)Supplier Device Package8-SOIC	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)1.8 V ~ 5.5 VData ConvertersA/D 4x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case8-SOIC (0.209", 5.30mm Width)Supplier Device Package8-SOIC	EEPROM Size	256 x 8
Data ConvertersA/D 4x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case8-SOIC (0.209", 5.30mm Width)Supplier Device Package8-SOIC	RAM Size	256 x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case8-SOIC (0.209", 5.30mm Width)Supplier Device Package8-SOIC	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.5 V
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case8-SOIC (0.209", 5.30mm Width)Supplier Device Package8-SOIC	Data Converters	A/D 4x10b
Mounting Type-Package / Case8-SOIC (0.209", 5.30mm Width)Supplier Device Package8-SOIC	Oscillator Type	Internal
Package / Case8-SOIC (0.209", 5.30mm Width)Supplier Device Package8-SOIC	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 8-SOIC	Mounting Type	-
	Package / Case	8-SOIC (0.209", 5.30mm Width)
Report errors?	Supplier Device Package	8-SOIC
		Report errors?

ATTINY45V-10SH 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.

ATTINY45V-10SH Payment Methods





If you have any question about ATTINY45V-10SH, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com