



ATTINY204-SSF Information



For Reference Only

Part Number ATTINY204-SSF

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description 20MHZ 2KB SOIC14 IND 125C GREEN

Package 14-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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ATTINY204-SSF Specifications

Manufacturer Part Number ATTINY204-SSF Manufacturer Microchip Technology Category Integrated Circuits (ICs) Bmbedded - Microcontrollers Package 14-SOIC (0.154", 3.90mm Width) Series AVR® ATtiny Core Processor AVR Core Size 8-Bit Speed 20MHz Connectivity IPC, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 12 Program Memory Size 2KB (2K x 8) Program Memory Type FLASH EEPROM Size 64 x 8 RAM Size 128 x 8 Voltage - Supply (Vcc/Vdd) 1.8V ~ 5.5V Data Converters A/D 10x10b Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	•		
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Core Processor AVR Core Size 8-Bit Speed 20MHz Connectivity PC, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 12 Program Memory Size 2KB (2K x 8) Program Memory Type FLASH EEPROM Size 64 x 8 RAM Size 128 x 8 Voltage - Supply (Vcc/Vdd) 1.8V ~ 5.5V Data Converters A/D 10x10b Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Package	14-SOIC (0.154", 3.90mm Width)	
Core Size 8-Bit Speed 20MHz Connectivity PC, SPI, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 12 Program Memory Size 2KB (2K x 8) Program Memory Type FLASH EEPROM Size 64 x 8 RAM Size 128 x 8 Voltage - Supply (Vcc/Vdd) 1.8V ~ 5.5V Data Converters A/D 10x10b Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Series	AVR® ATtiny	
Speed20MHzConnectivityPC, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O12Program Memory Size2KB (2K x 8)Program Memory TypeFLASHEEPROM Size64 x 8RAM Size128 x 8Voltage - Supply (Vcc/Vdd)1.8V ~ 5.5VData ConvertersA/D 10x10bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC	Core Processor	AVR	
Connectivity Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 12 Program Memory Size 2KB (2K x 8) Program Memory Type FLASH EEPROM Size 64 x 8 RAM Size 128 x 8 Voltage - Supply (Vcc/Vdd) 1.8V ~ 5.5V Data Converters A/D 10x10b Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Core Size	8-Bit	
Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 12 Program Memory Size 2KB (2K x 8) Program Memory Type FLASH EEPROM Size 64 x 8 RAM Size 128 x 8 Voltage - Supply (Vcc/Vdd) 1.8V ~ 5.5V Data Converters A/D 10x10b Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package	Speed	20MHz	
Number of I/O Program Memory Size 2KB (2K x 8) Program Memory Type FLASH EEPROM Size 64 x 8 RAM Size 128 x 8 Voltage - Supply (Vcc/Vdd) 1.8V ~ 5.5V Data Converters A/D 10x10b Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Connectivity	I ² C, SPI, UART/USART	
Program Memory Size 2KB (2K x 8) Program Memory Type FLASH EEPROM Size 64 x 8 RAM Size 128 x 8 Voltage - Supply (Vcc/Vdd) 1.8V ~ 5.5V Data Converters A/D 10x10b Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	
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EEPROM Size 64 x 8 RAM Size 128 x 8 Voltage - Supply (Vcc/Vdd) 1.8V ~ 5.5V Data Converters A/D 10x10b Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Program Memory Size	2KB (2K x 8)	
RAM Size 128 x 8 Voltage - Supply (Vcc/Vdd) 1.8V ~ 5.5V Data Converters A/D 10x10b Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Program Memory Type	FLASH	
Voltage - Supply (Vcc/Vdd) $1.8V \sim 5.5V$ Data ConvertersA/D $10x10b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA)Mounting TypeSurface MountPackage / Case 14-SOIC (0.154° , 3.90mm Width)Supplier Device Package 14-SOIC	EEPROM Size	64 x 8	
Data Converters A/D 10x10b Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	RAM Size	128 x 8	
Oscillator Type Internal Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Voltage - Supply (Vcc/Vdd)	1.8V ~ 5.5V	
Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Data Converters	A/D 10x10b	
Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Oscillator Type	Internal	
Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Operating Temperature	$-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TA)}$	
Supplier Device Package 14-SOIC	Mounting Type	Surface Mount	
	Package / Case	14-SOIC (0.154", 3.90mm Width)	
Report errors?	Supplier Device Package	14-SOIC	
		Report er	rors?

ATTINY204-SSF 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.

ATTINY204-SSF Payment Methods



















ATTINY204-SSF Shipping Methods













If you have any question about ATTINY204-SSF, please do not hesitate to contact us!

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