



MC9S08PA16VWJ Information



For Reference Only

Part Number MC9S08PA16VWJ

Manufacturer NXP

Category Integrated Circuits (ICs)

Embedded - Microcontrollers

Description IC MCU 8BIT 16KB FLASH 20SOIC **Package** 20-SOIC (0.295", 7.50mm Width)

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









MC9S08PA16VWJ Specifications

Manufacturer MC9808PA16VWJ Manufacturer NXP Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 20-SOIC (0.295", 7.50mm Width) Series S08 Core Processor S08 Core Size 8-Bit Speed 20MHz Connectivity 12C, LIN, SPI, UART/USART Peripherals LVD, POR, PWM, WDT Number of I/O 18 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 12x12b Oscillator Type Internal Operating Temperature 40°C ~ 105°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package 20-SOIC	•		
Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 20-SOIC (0.295", 7.50mm Width) Series 508 Core Processor \$08 Core Size 8-Bit Speed 20MHz Connectivity 12C, LIN, SPI, UART/USART Peripherals LVD, POR, PWM, WDT Number of I/O 18 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 12x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package 20-SOIC	Manufacturer Part Number	MC9S08PA16VWJ	
Package 20-SOIC (0.295", 7.50mm Width) Series S08 Core Processor S08 Core Size 8-Bit Speed 20MHz Connectivity I2C, LIN, SPI, UART/USART Peripherals LVD, POR, PWM, WDT Number of I/O 18 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 12x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package 20-SOIC	Manufacturer	NXP	
Package 20-SOIC (0.295", 7.50mm Width) Series S08 Core Processor 8-Bit Speed 20MHz Connectivity I2C, LIN, SPI, UART/USART Peripherals LVD, POR, PWM, WDT Number of I/O 18 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 12x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package 20-SOIC	Category	Integrated Circuits (ICs)	
Series \$08 Core Processor \$08 Core Size \$-Bit Speed 20MHz Connectivity 12C, LIN, SPI, UART/USART Peripherals LVD, POR, PWM, WDT Number of I/O 18 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 12x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package 20-SOIC		Embedded - Microcontrollers	
Core Processor \$08 Core Size \$-Bit Speed 20MHz Connectivity 12C, LIN, SPI, UART/USART Peripherals LVD, POR, PWM, WDT Number of I/O 18 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 12x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package 20-SOIC	Package	20-SOIC (0.295", 7.50mm Width)	
Core Size 8-Bit Speed 20MHz Connectivity I2C, LIN, SPI, UART/USART Peripherals LVD, POR, PWM, WDT Number of I/O 18 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 12x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package 20-SOIC	Series	S08	
Speed20MHzConnectivityI2C, LIN, SPI, UART/USARTPeripheralsLVD, POR, PWM, WDTNumber of I/O18Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size256 x 8RAM Size2K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 VData ConvertersA/D 12x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case20-SOIC (0.295", 7.50mm Width)Supplier Device Package20-SOIC	Core Processor	S08	
Connectivity Peripherals LVD, POR, PWM, WDT Number of I/O 18 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 12x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package	Core Size	8-Bit	
Peripherals LVD, POR, PWM, WDT Number of I/O 18 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 12x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package	Speed	20MHz	
Number of I/O Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 12x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package	Connectivity	I2C, LIN, SPI, UART/USART	
Program Memory Size Program Memory Type FLASH EEPROM Size 256 x 8 RAM Size Voltage - Supply (Vcc/Vdd) Data Converters A/D 12x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package	Peripherals	LVD, POR, PWM, WDT	
Program Memory Type EEPROM Size 256 x 8 RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 12x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package	Number of I/O	18	
EEPROM Size 256 x 8 RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 12x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package 20-SOIC	Program Memory Size	16KB (16K x 8)	
RAM Size 2K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 12x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package 20-SOIC	Program Memory Type	FLASH	
Voltage - Supply (Vcc/Vdd) $2.7 \text{ V} \sim 5.5 \text{ V}$ Data ConvertersA/D $12x12b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ (TA)Mounting Type-Package / Case 20-SOIC (0.295° , 7.50mm Width)Supplier Device Package 20-SOIC	EEPROM Size	256 x 8	
Data Converters A/D 12x12b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package 20-SOIC	RAM Size	2K x 8	
Oscillator Type Internal -40°C ~ 105°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package 20-SOIC	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V	
Operating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package 20-SOIC	Data Converters	A/D 12x12b	
Mounting Type - Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package 20-SOIC	Oscillator Type	Internal	
Package / Case 20-SOIC (0.295", 7.50mm Width) Supplier Device Package 20-SOIC	Operating Temperature	$-40^{\circ}\text{C} \sim 105^{\circ}\text{C} \text{ (TA)}$	
Supplier Device Package 20-SOIC	Mounting Type	-	
	Package / Case	20-SOIC (0.295", 7.50mm Width)	
Report errors?	Supplier Device Package	20-SOIC	
		Report e	rrors?

MC9S08PA16VWJ 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.

MC9S08PA16VWJ Payment Methods

































If you have any question about MC9S08PA16VWJ, please do not hesitate to contact us!

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