

MC908GR32AVFAE

MC908GR32AVFAE Information



For Reference Only

Part Number MC908GR32AVFAE

Manufacturer NXP

Category Integrated Circuits (ICs)

Embedded - Microcontrollers

Description IC MCU 8BIT 32KB FLASH 48LQFP

Package 48-LQFF

For the pricing/inventory/lead time, please contact

us

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



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MC908GR32AVFAE Specifications

Manufacturer Part NumberMC908GR32AVFAEManufacturerNXPCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage48-LQFPSeriesHC08Core ProcessorHC08Core Size8-BitSpeed8MHzConnectivitySCI, SPIPeripheralsLVD, POR, PWMNumber of I/O37Program Memory Size32KB (32K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size1.5K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 5.5 VData ConvertersA/D 24x10b	•	
Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 48-LQFP Series HC08 Core Processor HC08 Core Size 8-Bit Speed 8MHz Connectivity SCI, SPI Peripherals LVD, POR, PWM Number of I/O 37 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1.5K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 24x10b	Manufacturer Part Number	MC908GR32AVFAE
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Connectivity Peripherals LVD, POR, PWM Number of I/O 37 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size RAM Size 1.5K x 8 Voltage - Supply (Vcc/Vdd) Data Converters SCI, SPI LVD, POR, PWM 37 1.5K x 8 A/D 24x10b	Core Size	8-Bit
Peripherals LVD, POR, PWM Number of I/O 37 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1.5K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 24x10b	Speed	8MHz
Number of I/O 37 Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1.5K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 24x10b	Connectivity	SCI, SPI
Program Memory Size 32KB (32K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1.5K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 24x10b	Peripherals	LVD, POR, PWM
Program Memory Type FLASH EEPROM Size - RAM Size 1.5K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 24x10b	Number of I/O	37
EEPROM Size - RAM Size 1.5K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 24x10b	Program Memory Size	32KB (32K x 8)
RAM Size 1.5K x 8 Voltage - Supply (Vcc/Vdd) $3 \text{ V} \sim 5.5 \text{ V}$ Data Converters $A/D 24 \text{x} 10 \text{b}$	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) $3 \text{ V} \sim 5.5 \text{ V}$ Data Converters $A/D 24x10b$	EEPROM Size	-
Data Converters A/D 24x10b	RAM Size	1.5K x 8
	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
	Data Converters	A/D 24x10b
Oscillator Type Internal	Oscillator Type	Internal
Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C} \text{ (TA)}$	Operating Temperature	$-40^{\circ}\text{C} \sim 105^{\circ}\text{C} \text{ (TA)}$
Mounting Type -	Mounting Type	-
Package / Case 48-LQFP	Package / Case	48-LQFP
Supplier Device Package 48-LQFP (7x7)	Supplier Device Package	48-LQFP (7x7)
Report errors?		Report errors?

MC908GR32AVFAE 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

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MC908GR32AVFAE Payment Methods



















MC908GR32AVFAE Shipping Methods













If you have any question about MC908GR32AVFAE, please do not hesitate to contact us!

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