

MC9S08DV128MLH

MC9S08DV128MLH Information



For Reference Only

Part Number MC9S08DV128MLH

Manufacturer NXP

Category Integrated Circuits (ICs)

Embedded - Microcontrollers

Description IC MCU 8BIT 128KB FLASH 64LQFP

Package 64-LQFI

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.









MC9S08DV128MLH Specifications

Manufacturer Part Number MC9S08DV128MLH Manufacturer NXP Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 64-LQFP Series S08 Core Processor S08 Core Size 8-Bit Speed 40MHz Connectivity CAN, I2C, LIN, SCI, SPI Peripherals LVD, POR, PWM, WDT Number of I/O 53 Program Memory Size 128KB (128K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 6K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 24x12b Oscillator Type External Operating Temperature 40°C ~ 125°C (TA)		
Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 64-LQFP Series 508 Core Processor \$08 Core Size 8-Bit Speed 40MHz Connectivity CAN, 12C, LIN, SCI, SPI Peripherals LVD, POR, PWM, WDT Number of I/O 53 Program Memory Size 128KB (128K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 6K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 24x12b Oscillator Type External Operating Temperature -40°C ~ 125°C (TA)	Manufacturer Part Number	MC9S08DV128MLH
Package 64-LQFP Series S08 Core Processor S08 Core Size 8-Bit Speed 40MHz Connectivity CAN, 12C, LIN, SCI, SPI Peripherals LVD, POR, PWM, WDT Number of I/O 53 Program Memory Size 128KB (128K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 6K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 24x12b Oscillator Type External Operating Temperature -40°C ~ 125°C (TA)	Manufacturer	NXP
Package 64-LQFP Series S08 Core Processor 808 Core Size 8-Bit Speed 40MHz Connectivity CAN, 12C, LIN, SCI, SPI Peripherals LVD, POR, PWM, WDT Number of I/O 53 Program Memory Size 128KB (128K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 6K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 24x12b Oscillator Type External Operating Temperature -40°C ~ 125°C (TA)	Category	Integrated Circuits (ICs)
SeriesS08Core ProcessorS08Core Size8-BitSpeed $40MHz$ ConnectivityCAN, 12C, LIN, SCI, SPIPeripheralsLVD, POR, PWM, WDTNumber of I/O 53 Program Memory Size $128KB (128K \times 8)$ Program Memory TypeFLASHEEPROM Size-RAM Size $6K \times 8$ Voltage - Supply (Vcc/Vdd) $2.7 \text{ V} \sim 5.5 \text{ V}$ Data ConvertersA/D $24x12b$ Oscillator TypeExternalOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} (TA)$		Embedded - Microcontrollers
Core Processor \$0.8 Core Size \$8-Bit Speed \$40MHz Connectivity \$CAN, 12C, LIN, SCI, SPI Peripherals \$LVD, POR, PWM, WDT Number of I/O \$53 Program Memory Size \$128KB (128K x 8) Program Memory Type \$FLASH EEPROM Size - RAM Size \$6K x 8 Voltage - Supply (Vcc/Vdd) \$2.7 V ~ 5.5 V Data Converters \$A/D 24x12b Oscillator Type \$External Operating Temperature \$-40°C ~ 125°C (TA)	Package	64-LQFP
Core Size8-BitSpeed 40MHz Connectivity $CAN, 12C, LIN, SCI, SPI$ Peripherals LVD, POR, PWM, WDT Number of I/O 53 Program Memory Size $128KB (128K \times 8)$ Program Memory Type $FLASH$ EEPROM Size-RAM Size $6K \times 8$ Voltage - Supply (Vcc/Vdd) $2.7 \text{ V} \sim 5.5 \text{ V}$ Data Converters $A/D 24x12b$ Oscillator TypeExternalOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} (TA)$	Series	S08
Speed 40MHz Connectivity CAN, I2C, LIN, SCI, SPI Peripherals LVD, POR, PWM, WDT Number of I/O 53 Program Memory Size 128KB (128K x 8) Program Memory Type FLASH EEPROM Size - (6K x 8) Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 24x12b Oscillator Type External Operating Temperature -40°C ~ 125°C (TA)	Core Processor	S08
Connectivity CAN, 12C, LIN, SCI, SPI Peripherals LVD, POR, PWM, WDT Number of I/O 53 Program Memory Size 128KB (128K x 8) Program Memory Type FLASH EEPROM Size - RAM Size $6K \times 8$ Voltage - Supply (Vcc/Vdd) $2.7 \text{ V} \sim 5.5 \text{ V}$ Data Converters A/D 24x12b Oscillator Type Operating Temperature CAN, 12C, LIN, SCI, SPI LVD, POR, PWM, WDT 53 LVD, POR, PWM, WDT 6X A/D 24K 128K x 8) FLASH EEPROM Size - CAN, 12C, LIN, SCI, SPI LVD, POR, PWM, WDT 53 AVD 24K 128K x 8) FLASH External Operating Temperature	Core Size	8-Bit
Peripherals LVD, POR, PWM, WDT Number of I/O 53 Program Memory Size 128KB (128K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 6K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V Data Converters A/D 24x12b Oscillator Type External Operating Temperature LVD, POR, PWM, WDT 53 LVD, POR, PWM, WDT 53 A/D 24KB (128K x 8) PLASH ELPROM Size - 6K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V A/D 24x12b	Speed	40MHz
Number of I/O53Program Memory Size $128KB (128K \times 8)$ Program Memory TypeFLASHEEPROM Size-RAM Size $6K \times 8$ Voltage - Supply (Vcc/Vdd) $2.7 \text{ V} \sim 5.5 \text{ V}$ Data ConvertersA/D $24x12b$ Oscillator TypeExternalOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA)	Connectivity	CAN, I2C, LIN, SCI, SPI
Program Memory Size $128KB (128K \times 8)$ Program Memory TypeFLASHEEPROM Size-RAM Size $6K \times 8$ Voltage - Supply (Vcc/Vdd) $2.7 \text{ V} \sim 5.5 \text{ V}$ Data ConvertersA/D $24x12b$ Oscillator TypeExternalOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} (\text{TA})$	Peripherals	LVD, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size-RAM Size $6K \times 8$ Voltage - Supply (Vcc/Vdd) $2.7 \text{ V} \sim 5.5 \text{ V}$ Data Converters $A/D 24x12b$ Oscillator TypeExternalOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA)	Number of I/O	53
EEPROM Size-RAM Size $6K \times 8$ Voltage - Supply (Vcc/Vdd) $2.7 \text{ V} \sim 5.5 \text{ V}$ Data ConvertersA/D $24x12b$ Oscillator TypeExternalOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA)	Program Memory Size	128KB (128K x 8)
RAM Size $6K \times 8$ Voltage - Supply (Vcc/Vdd) $2.7 \text{ V} \sim 5.5 \text{ V}$ Data Converters $A/D 24x12b$ Oscillator Type $External$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) $2.7 \text{ V} \sim 5.5 \text{ V}$ Data ConvertersA/D $24x12b$ Oscillator TypeExternalOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TA)}$	EEPROM Size	-
Data ConvertersA/D $24x12b$ Oscillator TypeExternalOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TA)	RAM Size	6K x 8
Oscillator Type External $ -40^{\circ}\text{C} \sim 125^{\circ}\text{C (TA)} $	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TA)}$	Data Converters	A/D 24x12b
	Oscillator Type	External
Mounting Type	Operating Temperature	$-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TA)}$
Woulding Type	Mounting Type	-
Package / Case 64-LQFP	Package / Case	64-LQFP
Supplier Device Package 64-LQFP (10x10)	Supplier Device Package	64-LQFP (10x10)
Report errors?		Report errors?

MC9S08DV128MLH 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.

MC9S08DV128MLH Payment Methods





















MC9S08DV128MLH Shipping Methods













If you have any question about MC9S08DV128MLH, please do not hesitate to contact us!

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