



### **DS89C430-MNG+ Information**



For Reference Only

Part Number DS89C430-MNG+
Manufacturer Maxim Integrated
Category Integrated Circuits (ICs)

Embedded - Microcontrollers

**Description** IC MCU 8BIT 16KB FLASH 40DIP

**Package** 40-DIP (0.600", 15.24mm)

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.









## **DS89C430-MNG+ Specifications**

Manufacturer Part Number         DS89C430-MNG+           Manufacturer         Maxim Integrated           Category         Integrated Circuits (ICs)           Package         40-DIP (0.600", 15.24mm)           Series         89C           Core Processor         8051           Core Size         8-Bit           Speed         25MHz           Connectivity         EBI/EMI, SIO, UART/USART           Peripherals         Power-Fail Reset, WDT           Number of I/O         32           Program Memory Size         16KB (16K x 8)           Program Memory Type         FLASH           EEPROM Size         -           RAM Size         1K x 8           Voltage - Supply (Vcc/Vdd)         4.5 V ~ 5.5 V           Data Converters         -           Oscillator Type         External           Operating Temperature         40°C ~ 85°C (TA)           Mounting Type         -           Package / Case         40-DIP (0.600", 15.24mm)           Supplier Device Package         40-PDIP	•	
Category         Integrated Circuits (ICs)           Embedded - Microcontrollers           Package         40-DIP (0.600", 15.24mm)           Series         89C           Core Processor         8051           Core Size         8-Bit           Speed         25MHz           Connectivity         EBI/EMI, SIO, UART/USART           Peripherals         Power-Fail Reset, WDT           Number of I/O         32           Program Memory Size         16KB (16K x 8)           Program Memory Type         FLASH           EEPROM Size         -           RAM Size         1K x 8           Voltage - Supply (Vcc/Vdd)         4.5 V ~ 5.5 V           Data Converters         -           Oscillator Type         External           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         -           Package / Case         40-DIP (0.600", 15.24mm)           Supplier Device Package         40-PDIP	Manufacturer Part Number	DS89C430-MNG+
Package         40-DIP (0.600", 15.24mm)           Series         89C           Core Processor         8051           Core Size         8-Bit           Speed         25MHz           Connectivity         EBI/EMI, SIO, UART/USART           Peripherals         Power-Fail Reset, WDT           Number of I/O         32           Program Memory Size         16KB (16K x 8)           Program Memory Type         FLASH           EEPROM Size         -           RAM Size         1K x 8           Voltage - Supply (Vcc/Vdd)         4.5 V ~ 5.5 V           Data Converters         -           Oscillator Type         External           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         -           Package / Case         40-DIP (0.600", 15.24mm)           Supplier Device Package         40-PDIP	Manufacturer	Maxim Integrated
Package         40-DIP (0.600", 15.24mm)           Series         89C           Core Processor         8051           Core Size         8-Bit           Speed         25MHz           Connectivity         EBI/EMI, SIO, UART/USART           Peripherals         Power-Fail Reset, WDT           Number of I/O         32           Program Memory Size         16KB (16K x 8)           Program Memory Type         FLASH           EEPROM Size         -           RAM Size         1K x 8           Voltage - Supply (Vcc/Vdd)         4.5 V ~ 5.5 V           Data Converters         -           Oscillator Type         External           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         -           Package / Case         40-DIP (0.600", 15.24mm)           Supplier Device Package         40-PDIP	Category	Integrated Circuits (ICs)
Series         89C           Core Processor         8051           Core Size         8-Bit           Speed         25MHz           Connectivity         EBI/EMI, SIO, UART/USART           Peripherals         Power-Fail Reset, WDT           Number of I/O         32           Program Memory Size         16KB (16K x 8)           Program Memory Type         FLASH           EEPROM Size         -           RAM Size         1K x 8           Voltage - Supply (Vcc/Vdd)         4.5 V ~ 5.5 V           Data Converters         -           Oscillator Type         External           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         -           Package / Case         40-DIP (0.600", 15.24mm)           Supplier Device Package         40-PDIP		Embedded - Microcontrollers
Core Processor         8051           Core Size         8-Bit           Speed         25MHz           Connectivity         EBI/EMI, SIO, UART/USART           Peripherals         Power-Fail Reset, WDT           Number of I/O         32           Program Memory Size         16KB (16K x 8)           Program Memory Type         FLASH           EEPROM Size         -           RAM Size         1K x 8           Voltage - Supply (Vcc/Vdd)         4.5 V ~ 5.5 V           Data Converters         -           Oscillator Type         External           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         -           Package / Case         40-DIP (0.600", 15.24mm)           Supplier Device Package         40-PDIP	Package	40-DIP (0.600", 15.24mm)
Core Size         8-Bit           Speed         25MHz           Connectivity         EBI/EMI, SIO, UART/USART           Peripherals         Power-Fail Reset, WDT           Number of I/O         32           Program Memory Size         16KB (16K x 8)           Program Memory Type         FLASH           EEPROM Size         -           RAM Size         1K x 8           Voltage - Supply (Vcc/Vdd)         4.5 V ~ 5.5 V           Data Converters         -           Oscillator Type         External           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         -           Package / Case         40-DIP (0.600", 15.24mm)           Supplier Device Package         40-PDIP	Series	89C
Speed25MHzConnectivityEBI/EMI, SIO, UART/USARTPeripheralsPower-Fail Reset, WDTNumber of I/O32Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size1K x 8Voltage - Supply (Vcc/Vdd)4.5 V ~ 5.5 VData Converters-Oscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case40-DIP (0.600", 15.24mm)Supplier Device Package40-PDIP	Core Processor	8051
Connectivity Peripherals Power-Fail Reset, WDT Number of I/O 32 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 11K x 8 Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V Data Converters - Oscillator Type External Operating Temperature 40°C ~ 85°C (TA) Mounting Type - Package / Case 40-DIP (0.600", 15.24mm) Supplier Device Package	Core Size	8-Bit
Peripherals Number of I/O 32 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 11K x 8 Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V Data Converters - Oscillator Type External Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 40-DIP (0.600", 15.24mm) Supplier Device Package	Speed	25MHz
Number of I/O32Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size1K x 8Voltage - Supply (Vcc/Vdd)4.5 V ~ 5.5 VData Converters-Oscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case40-DIP (0.600", 15.24mm)Supplier Device Package40-PDIP	Connectivity	EBI/EMI, SIO, UART/USART
Program Memory Size  Program Memory Type  FLASH  EEPROM Size  RAM Size  Voltage - Supply (Vcc/Vdd)  Data Converters  Oscillator Type  External  Operating Temperature  Package / Case  Package / Case  40-DIP (0.600", 15.24mm)  Supplier Device Package	Peripherals	Power-Fail Reset, WDT
Program Memory Type FLASH  EEPROM Size -  RAM Size 1K x 8  Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V  Data Converters -  Oscillator Type External  Operating Temperature -40°C ~ 85°C (TA)  Mounting Type -  Package / Case 40-DIP (0.600", 15.24mm)  Supplier Device Package 40-PDIP	Number of I/O	32
EEPROM Size - 1K x 8  Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V  Data Converters - Coscillator Type External  Operating Temperature -40°C ~ 85°C (TA)  Mounting Type - Package / Case 40-DIP (0.600", 15.24mm)  Supplier Device Package 40-PDIP	Program Memory Size	16KB (16K x 8)
RAM Size 1K x 8  Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V  Data Converters - Oscillator Type External Operating Temperature -40°C ~ 85°C (TA)  Mounting Type - Package / Case 40-DIP (0.600", 15.24mm) Supplier Device Package 40-PDIP	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)4.5 V ~ 5.5 VData Converters-Oscillator TypeExternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case40-DIP (0.600", 15.24mm)Supplier Device Package40-PDIP	EEPROM Size	-
Data Converters  Oscillator Type  External  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  - Package / Case  40-DIP (0.600", 15.24mm)  Supplier Device Package	RAM Size	1K x 8
Oscillator Type External  Operating Temperature -40°C ~ 85°C (TA)  Mounting Type -  Package / Case 40-DIP (0.600", 15.24mm)  Supplier Device Package 40-PDIP	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 5.5 V
Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  - Package / Case  40-DIP (0.600", 15.24mm)  Supplier Device Package  40-PDIP	Data Converters	-
Mounting Type - Package / Case 40-DIP (0.600", 15.24mm) Supplier Device Package 40-PDIP	Oscillator Type	External
Package / Case 40-DIP (0.600", 15.24mm) Supplier Device Package 40-PDIP	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 40-PDIP	Mounting Type	-
	Package / Case	40-DIP (0.600", 15.24mm)
Report errors?	Supplier Device Package	40-PDIP
		Report errors?

#### **DS89C430-MNG+ 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.

### **DS89C430-MNG+ Payment Methods**



















## **DS89C430-MNG+ Shipping Methods**













If you have any question about DS89C430-MNG+, please do not hesitate to contact us!

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