



Image may be representation.
See specifications for product details.



DS89C450-ENL+

Manufacturer Part Number	DS89C450-ENL+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-DS89C450-ENL+
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 8BIT 64KB FLASH 44TQFP
Package	44-TQFP
Data sheet	DS89C450-ENL+.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

DS89C450-ENL+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology DS89C450-ENL+ datasheet/specifications on AllelcoElec.com.
Request a quote for DS89C450-ENL+, please send us email: info@allelco.com

Specifications

DS89C450-ENL+ Tech Specifications

DS89C450-ENL+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Oscillator Type	External
Voltage - Supply (Vcc/Vdd)	4.5V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	44-TQFP (10x10)	Number of I/O	32
Speed	33MHz	Mounting Type	Surface Mount
Series	89C	EEPROM Size	-
RAM Size	1K x 8	Data Converters	-
Program Memory Type	FLASH	Core Size	8-Bit
Program Memory Size	64KB (64K x 8)	Core Processor	8051
Peripherals	Power-Fail Reset, WDT	Connectivity	EBI/EMI, SIO, UART/USART
Package / Case	44-TQFP	Base Product Number	DS89C450
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated DS89C450-ENL+

Product Attribute				
Part Number	DS89C450-ENL+	DS89C450-ENG+	DS89C430-MNL+	DS89C430-ENL+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Connectivity	EBI/EMI, SIO, UART/USART	EBI/EMI, SIO, UART/USART	EBI/EMI, SIO, UART/USART	EBI/EMI, SIO, UART/USART
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Package / Case	44-TQFP	44-TQFP	40-DIP (0.600', 15.24mm)	44-TQFP
Core Size	8-Bit	8-Bit	8-Bit	8-Bit
EEPROM Size	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Data Converters	-	-	-	-
Program Memory Size	64KB (64K x 8)	64KB (64K x 8)	16KB (16K x 8)	16KB (16K x 8)
Speed	33MHz	25MHz	33MHz	33MHz
Peripherals	Power-Fail Reset, WDT	Power-Fail Reset, WDT	Power-Fail Reset, WDT	Power-Fail Reset, WDT
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Base Product Number	DS89C450	DS89C450	DS89C430	DS89C430
Series	89C	89C	89C	89C
Number of I/O	32	32	32	32
RAM Size	1K x 8	1K x 8	1K x 8	1K x 8
Oscillator Type	External	External	External	External
Core Processor	8051	8051	8051	8051
Supplier Device Package	44-TQFP (10x10)	44-TQFP (10x10)	40-PDIP	44-TQFP (10x10)
Voltage - Supply (Vcc/Vdd)	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V
Package	Tray	Tray	Tube	Tray

DS89C450-ENL+ Datasheet PDF

Download DS89C450-ENL+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for DS89C450-ENL+ - Analog Devices Inc./Maxim Integrated.

Environmental Information



Maxim Integrated RoHS Cert.pdf



Material Declaration DS89C450-ENL+.pdf

Application Notes



Efficient Bit-Banged SPI Port for 8051-Compatible .pdf





















Ultra-High-Speed Flash Microcontroller Users Guide.pdf



Using the DS89C450 as a Static LCD Display Control.pdf

Customers Also Interested in

Recommended Products

 DS89C450-ENG+ Analog Devices Inc./Maxim Integrated IC MCU 8BIT 64KB FLASH 44TQFP	 DS8T28N NS	 DS89C430-MNL+ Analog Devices Inc./Maxim Integrated IC MCU 8BIT 16KB FLASH 40DIP	 DS89C450ENE Analog Devices / Maxim Integrated	 DS89C430-ENL+ Analog Devices Inc./Maxim Integrated IC MCU 8BIT 16KB FLASH 44TQFP	 DS89C450-QNG Analog Devices Inc./Maxim Integrated IC MCU 8BIT 64KB FLASH 44PLCC
 DS89C450-QNG+ Analog Devices Inc./Maxim Integrated IC MCU 8BIT 64KB FLASH 44PLCC	 DS89C440MNG DALLAS	 DS89C430QNG DALLAS	 DS89C450-QNL+ Analog Devices Inc./Maxim Integrated IC MCU 8BIT 64KB FLASH 44PLCC	 DS89C430-QNL Analog Devices Inc./Maxim Integrated IC MCU 8BIT 16KB FLASH 44PLCC	 DS89C450ENG DALLAS
 DS89C450-ENL Analog Devices Inc./Maxim Integrated IC MCU 8BIT 64KB FLASH 44TQFP	 DS8T26AN NS	 DS89C420MNL DALLAS	 DS89C450-MNL+ Analog Devices Inc./Maxim Integrated IC MCU 8BIT 64KB FLASH 40DIP	 DS89C420QCS Analog Devices / Maxim Integrated	 DS89C430-ENL Analog Devices Inc./Maxim Integrated IC MCU 8BIT 16KB FLASH 44TQFP

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

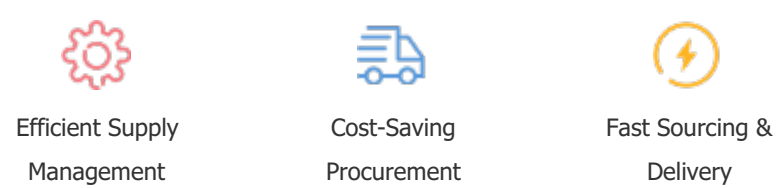
Payment Support

The payment method can be chosen from the methods shown below:

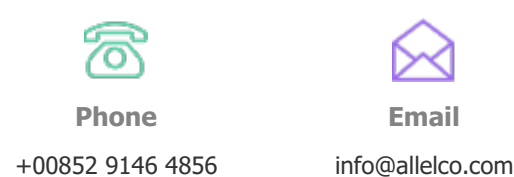
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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