

MC56F82316VLF Information


For Reference Only

Part Number [MC56F82316VLF](#)
Manufacturer NXP
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 16KB FLASH 48LQFP
Package 48-LQFP
 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.


MC56F82316VLF Specifications

Manufacturer Part Number	MC56F82316VLF
Manufacturer	NXP
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	48-LQFP
Series	56F8xxx
Core Processor	56800EX
Core Size	32-Bit
Speed	50MHz
Connectivity	I2C, SCI, SPI
Peripherals	DMA, POR, PWM, WDT
Number of I/O	39
Program Memory Size	16KB (8K x 16)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	2K x 16
Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V
Data Converters	A/D 10x12b; D/A 2x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)
Mounting Type	-
Package / Case	48-LQFP
Supplier Device Package	48-LQFP (7x7)

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MC56F82316VLF 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.

MC56F82316VLF Payment Methods



MC56F82316VLF Shipping Methods



If you have any question about MC56F82316VLF, please do not hesitate to contact us!

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