

**DSP56F827FG80E Information**


For Reference Only

**Part Number** [DSP56F827FG80E](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 16BIT 128KB FLASH 128LQFP  
**Package** 128-LQFP  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**DSP56F827FG80E Specifications**

Manufacturer Part Number	<a href="#">DSP56F827FG80E</a>
Manufacturer	NXP
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	128-LQFP
Series	56F8xx
Core Processor	56800
Core Size	16-Bit
Speed	80MHz
Connectivity	EBI/EMI, SCI, SPI, SSI
Peripherals	POR, PWM, WDT
Number of I/O	64
Program Memory Size	128KB (64K x 16)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	4K x 16
Voltage - Supply (Vcc/Vdd)	2.25 V ~ 2.75 V
Data Converters	A/D 10x12b
Oscillator Type	External
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	128-LQFP
Supplier Device Package	128-LQFP (14x20)

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## DSP56F827FG80E 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.

## DSP56F827FG80E Payment Methods



## DSP56F827FG80E Shipping Methods



If you have any question about DSP56F827FG80E, please do not hesitate to contact us!

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