

**SM320F2812KGDS150A Information**


For Reference Only

**Part Number** [SM320F2812KGDS150A](#)  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 256KB FLASH 0XCEPT  
**Package** Die  
 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.


**SM320F2812KGDS150A Specifications**

Manufacturer Part Number	<a href="#">SM320F2812KGDS150A</a>
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	Die
Series	C2000? C28x Fixed-Point
Core Processor	C28x
Core Size	32-Bit
Speed	150MHz
Connectivity	CAN, EBI/EMI, McBSP, SCI, SPI, UART/USART
Peripherals	DMA, POR, PWM, WDT
Number of I/O	56
Program Memory Size	256KB (128K x 16)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	18K x 16
Voltage - Supply (Vcc/Vdd)	1.81 V ~ 2 V
Data Converters	A/D 16x12b
Oscillator Type	Internal
Operating Temperature	-55°C ~ 220°C (TA)
Mounting Type	-
Package / Case	Die
Supplier Device Package	0-XCEPT

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## SM320F2812KGDS150A 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.

## SM320F2812KGDS150A Payment Methods



## SM320F2812KGDS150A Shipping Methods



If you have any question about SM320F2812KGDS150A, please do not hesitate to contact us!

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