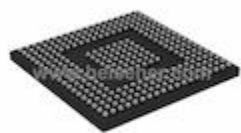


**F28M36P53C2ZWTQ Information**


For Reference Only

**Part Number** [F28M36P53C2ZWTQ](#)  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 1MB FLASH 289NFBGA  
**Package** 289-LFBGA  
 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.


**F28M36P53C2ZWTQ Specifications**

Manufacturer Part Number	<a href="#">F28M36P53C2ZWTQ</a>
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	289-LFBGA
Series	Automotive, AEC-Q100, C2000? C28x + ARM? Cortex? M3 Concerto?
Core Processor	C28x/ARM? Cortex?-M3
Core Size	32-Bit Dual-Core
Speed	125MHz/150MHz
Connectivity	CAN, EBI/EMI, Ethernet, I2C, IrDA, McBSP, SCI, SPI, SSI, UART/USART, USB OTG
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Number of I/O	142
Program Memory Size	512KB/512KB
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	232KB
Voltage - Supply (Vcc/Vdd)	1.14 V ~ 3.63 V
Data Converters	A/D 24x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type	-
Package / Case	289-LFBGA
Supplier Device Package	289-NFBGA (16x16)

[Report errors?](#)

## F28M36P53C2ZWTQ 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.

## F28M36P53C2ZWTQ Payment Methods



## F28M36P53C2ZWTQ Shipping Methods



If you have any question about F28M36P53C2ZWTQ, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)