

MSP430FR5964IZVWR Information


For Reference Only

Part Number [MSP430FR5964IZVWR](#)
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 16BIT 256KB FRAM 87NFBGA
Package 87-VFBGA
 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.


MSP430FR5964IZVWR Specifications

Manufacturer Part Number	MSP430FR5964IZVWR
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	87-VFBGA
Series	MSP430? FRAM
Core Processor	CPUXV2
Core Size	16-Bit
Speed	16MHz
Connectivity	I2C, IrDA, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Number of I/O	68
Program Memory Size	256KB (256K x 8)
Program Memory Type	FRAM
EEPROM Size	-
RAM Size	8K x 8
Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Data Converters	A/D 20x12b
Oscillator Type	Internal/External
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	87-VFBGA
Supplier Device Package	87-NFBGA (6x6)

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MSP430FR5964IZVWR 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.

MSP430FR5964IZVWR Payment Methods



MSP430FR5964IZVWR Shipping Methods



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