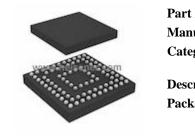


# MSP430FR5964IZVWR

#### MSP430FR5964IZVWR Information



t Number	MSP430FR5964IZVWR
nufacturer	Texas Instruments
egory	Integrated Circuits (ICs) Embedded - Microcontrollers
cription	IC MCU 16BIT 256KB FRAM 87NFBGA
kage	87-VFBGA
	For the pricing/inventory/lead time, please contact us
	Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

For Reference Only

## **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)	
		Report errors?

#### 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 BUARANTEE

#### 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





If you have any question about MSP430FR5964IZVWR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com