

MSP430FG478IZQWR Information


For Reference Only

Part Number [MSP430FG478IZQWR](#)
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 16BIT 48KB FLASH 113BGA
Package 113-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.


MSP430FG478IZQWR Specifications

Manufacturer Part Number	MSP430FG478IZQWR
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	113-VFBGA
Series	MSP430x4xx
Core Processor	MSP430
Core Size	16-Bit
Speed	8MHz
Connectivity	I2C, IrDA, LIN, SCI, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, LCD, PWM, WDT
Number of I/O	48
Program Memory Size	48KB (48K x 8 + 256B)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	2K x 8
Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Data Converters	A/D 5x16b, D/A 2x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	113-VFBGA
Supplier Device Package	113-BGA Microstar Junior (7x7)

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MSP430FG478IZQWR 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.

MSP430FG478IZQWR Payment Methods



MSP430FG478IZQWR Shipping Methods



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