

MSP430F5152IYFFR Information


For Reference Only

Part Number [MSP430F5152IYFFR](#)
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 16BIT 16KB FLASH 40DSBGA
Package 40-UFBGA, DSBGA
 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.


MSP430F5152IYFFR Specifications

Manufacturer Part Number	MSP430F5152IYFFR
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	40-UFBGA, DSBGA
Series	MSP430F5xx
Core Processor	CPUXV2
Core Size	16-Bit
Speed	25MHz
Connectivity	I2C, IrDA, SCI, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Number of I/O	31
Program Memory Size	16KB (16K x 8)
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 11x10b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	40-UFBGA, DSBGA
Supplier Device Package	40-DSBGA

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MSP430F5152IYFFR 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.

MSP430F5152IYFFR Payment Methods



MSP430F5152IYFFR Shipping Methods



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