

MSP430F5172IYFFR Information


For Reference Only

Part Number [MSP430F5172IYFFR](#)
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 16BIT 32KB 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.


MSP430F5172IYFFR Specifications

| | |
|----------------------------|--------------------------------------------------------------------------|
| Manufacturer Part Number | MSP430F5172IYFFR |
| 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 | 32KB (32K 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 |

[Report errors?](#)

MSP430F5172IYFFR 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.

MSP430F5172IYFFR Payment Methods



MSP430F5172IYFFR Shipping Methods



If you have any question about MSP430F5172IYFFR, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com