

STR911FM42X6 Information


For Reference Only

Part Number [STR911FM42X6](#)
Manufacturer STMicroelectronics
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 256KB FLASH 80LQFP
Package 80-LQFP
 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.


STR911FM42X6 Specifications

Manufacturer Part Number	STR911FM42X6
Manufacturer	STMicroelectronics
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	80-LQFP
Series	STR9
Core Processor	ARM9?
Core Size	32-Bit
Speed	96MHz
Connectivity	CAN, I2C, Microwire, SPI, SSP, UART/USART, USB
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT
Number of I/O	40
Program Memory Size	256KB (256K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	96K x 8
Voltage - Supply (Vcc/Vdd)	1.65 V ~ 2 V
Data Converters	A/D 8x10b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	80-LQFP
Supplier Device Package	-

[Report errors?](#)

STR911FM42X6 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.

STR911FM42X6 Payment Methods



STR911FM42X6 Shipping Methods



If you have any question about STR911FM42X6, please do not hesitate to contact us!

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