

R7FS3A37A3A01CFB#AA0 Information


For Reference Only

Part Number [R7FS3A37A3A01CFB#AA0](#)
Manufacturer Renesas Electronics America
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 512KB FLASH 114LQFP
Package 144-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.


R7FS3A37A3A01CFB#AA0 Specifications

Manufacturer Part Number	R7FS3A37A3A01CFB#AA0
Manufacturer	Renesas Electronics America
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	144-LQFP
Series	S3
Core Processor	ARM? Cortex?-M4
Core Size	32-Bit
Speed	48MHz
Connectivity	CAN, EBI/EMI, I2C, MMC/SD, QSPI, SCI, SPI, SSI, UART/USART, USB
Peripherals	DMA, LCD, LVD, POR, PWM, WDT
Number of I/O	124
Program Memory Size	512KB (512K x 8)
Program Memory Type	FLASH
EEPROM Size	8K x 8
RAM Size	96K x 8
Voltage - Supply (Vcc/Vdd)	1.6 V ~ 5.5 V
Data Converters	A/D 28x14b, D/A 2x8b, 2x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)
Mounting Type	-
Package / Case	144-LQFP
Supplier Device Package	144-LQFP (20x20)

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R7FS3A37A3A01CFB#AA0 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.

R7FS3A37A3A01CFB#AA0 Payment Methods



R7FS3A37A3A01CFB#AA0 Shipping Methods



If you have any question about R7FS3A37A3A01CFB#AA0, please do not hesitate to contact us!

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