

R7FS7G27G2A01CBG#AC0 Information


For Reference Only

Part Number [R7FS7G27G2A01CBG#AC0](#)
Manufacturer Renesas Electronics America
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 3MB FLASH 176BGA
Package 176-LFBGA
 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.


R7FS7G27G2A01CBG#AC0 Specifications

| | |
|----------------------------|---|
| Manufacturer Part Number | R7FS7G27G2A01CBG#AC0 |
| Manufacturer | Renesas Electronics America |
| Category | Integrated Circuits (ICs) Embedded - Microcontrollers |
| Package | 176-LFBGA |
| Series | Synergy S7 |
| Core Processor | ARM? Cortex?-M4 |
| Core Size | 32-Bit |
| Speed | 240MHz |
| Connectivity | CAN, EBI/EMI, Ethernet, I2C, IrDA, MMC/SD, QSPI, SCI, SPI, SSI, UART/USART, USB |
| Peripherals | DMA, LCD, LVD, POR, PWM, WDT |
| Number of I/O | 126 |
| Program Memory Size | 3MB (3M x 8) |
| Program Memory Type | FLASH |
| EEPROM Size | 64K x 8 |
| RAM Size | 640K x 8 |
| Voltage - Supply (Vcc/Vdd) | 2.7 V ~ 3.6 V |
| Data Converters | A/D 21x12b, D/A 2x12b |
| Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 85°C (TA) |
| Mounting Type | - |
| Package / Case | 176-LFBGA |
| Supplier Device Package | 176-LFBGA (13x13) |

[Report errors?](#)

R7FS7G27G2A01CBG#AC0 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.

R7FS7G27G2A01CBG#AC0 Payment Methods



R7FS7G27G2A01CBG#AC0 Shipping Methods



If you have any question about R7FS7G27G2A01CBG#AC0, please do not hesitate to contact us!

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