

R7F7010253AFP#AA2 Information


For Reference Only

Part Number [R7F7010253AFP#AA2](#)
Manufacturer Renesas Electronics America
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 144-LQFP
Package 100-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.


R7F7010253AFP#AA2 Specifications

| | |
|----------------------------|--------------------------------------------------------------------------|
| Manufacturer Part Number | R7F7010253AFP#AA2 |
| Manufacturer | Renesas Electronics America |
| Category | Integrated Circuits (ICs) Embedded - Microcontrollers |
| Package | 100-LQFP |
| Series | RH850/F1x |
| Core Processor | RH850G3K |
| Core Size | 32-Bit |
| Speed | 80MHz |
| Connectivity | CANbus, CSI, I ² C, LINbus, SPI, UART/USART |
| Peripherals | DMA, PWM, WDT |
| Number of I/O | 81 |
| Program Memory Size | 2MB (2M x 8) |
| Program Memory Type | FLASH |
| EEPROM Size | 32K x 8 |
| RAM Size | 128K x 8 |
| Voltage - Supply (Vcc/Vdd) | 3V ~ 5.5V |
| Data Converters | A/D 20x10b, 16x12b |
| Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 105°C (TA) |
| Mounting Type | Surface Mount |
| Package / Case | 100-LQFP |
| Supplier Device Package | 100-LFQFP (14x14) |

[Report errors?](#)

R7F7010253AFP#AA2 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.

R7F7010253AFP#AA2 Payment Methods



R7F7010253AFP#AA2 Shipping Methods



If you have any question about R7F7010253AFP#AA2, please do not hesitate to contact us!

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

E-mail: salesdept@heisener.com