

R7F7010493AFP#KA3 Information


For Reference Only

Part Number [R7F7010493AFP#KA3](#)
Manufacturer Renesas Electronics America
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT SMD
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.


R7F7010493AFP#KA3 Specifications

Manufacturer Part Number	R7F7010493AFP#KA3
Manufacturer	Renesas Electronics America
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	144-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	120
Program Memory Size	2MB (2M x 8)
Program Memory Type	FLASH
EEPROM Size	32K x 8
RAM Size	192K x 8
Voltage - Supply (Vcc/Vdd)	3V ~ 5.5V
Data Converters	A/D 24x10b, 24x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)
Mounting Type	Surface Mount
Package / Case	144-LQFP
Supplier Device Package	144-LFQFP (20x20)

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R7F7010493AFP#KA3 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.

R7F7010493AFP#KA3 Payment Methods



R7F7010493AFP#KA3 Shipping Methods



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