

R5F21216KFP#U1 Information


For Reference Only

Part Number [R5F21216KFP#U1](#)
Manufacturer Renesas Electronics America
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 16BIT 32KB FLASH 48LFQFP
Package 48-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.


R5F21216KFP#U1 Specifications

Manufacturer Part Number	R5F21216KFP#U1
Manufacturer	Renesas Electronics America
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	48-LQFP
Series	R8C/2x/21
Core Processor	R8C
Core Size	16-Bit
Speed	16MHz
Connectivity	I2C, LIN, SIO, SSU, UART/USART
Peripherals	POR, Voltage Detect, WDT
Number of I/O	41
Program Memory Size	32KB (32K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	2K x 8
Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Data Converters	A/D 12x10b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type	-
Package / Case	48-LQFP
Supplier Device Package	48-LFQFP (7x7)

[Report errors?](#)

R5F21216KFP#U1 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.

R5F21216KFP#U1 Payment Methods



R5F21216KFP#U1 Shipping Methods



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