

**R5F64166PFD#UB Information**


For Reference Only

**Part Number** [R5F64166PFD#UB](#)  
**Manufacturer** Renesas Electronics America  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU SMD  
**Package** 144-LQFP  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**R5F64166PFD#UB Specifications**

Manufacturer Part Number	<a href="#">R5F64166PFD#UB</a>
Manufacturer	Renesas Electronics America
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	144-LQFP
Series	M16C/R32C/100/116
Core Processor	R32C/100
Core Size	16-Bit
Speed	50MHz
Connectivity	EBI/EMI, I <sup>2</sup> C, IEBus, UART/USART
Peripherals	DMA, LVD, PWM, WDT
Number of I/O	120
Program Memory Size	512KB (512K x 8)
Program Memory Type	FLASH
EEPROM Size	8K x 8
RAM Size	40K x 8
Voltage - Supply (Vcc/Vdd)	3V ~ 5.5V
Data Converters	A/D 34x10b; D/A 2x8b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount
Package / Case	144-LQFP
Supplier Device Package	144-LFQFP (20x20)

[Report errors?](#)

## R5F64166PFD#UB 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.

## R5F64166PFD#UB Payment Methods



## R5F64166PFD#UB Shipping Methods



If you have any question about R5F64166PFD#UB, please do not hesitate to contact us!

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

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)