

**R5F564MLCDFP#31 Information**


For Reference Only

**Part Number** [R5F564MLCDFP#31](#)  
**Manufacturer** Renesas Electronics America  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 4MB FLASH 100LFQFP  
**Package** 100-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.


**R5F564MLCDFP#31 Specifications**

|                            |   |
|----------------------------|---|
| Manufacturer Part Number   | <a href="#">R5F564MLCDFP#31</a>   |
| Manufacturer               | Renesas Electronics America   |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a>                    |
| Package                    | 100-LQFP  |
| Series                     | RX600   |
| Core Processor             | RXv2  |
| Core Size                  | 32-Bit  |
| Speed                      | 120MHz  |
| Connectivity               | CANbus, EBI/EMI, Ethernet, I <sup>2</sup> C, LINbus, MMC/SD, SCI, SPI, SSI, UART/USART, USB |
| Peripherals                | DMA, LVD, POR, PWM, WDT   |
| Number of I/O              | 78  |
| Program Memory Size        | 4MB (4M x 8)  |
| Program Memory Type        | FLASH   |
| EEPROM Size                | 64K x 8   |
| RAM Size                   | 552K x 8  |
| Voltage - Supply (Vcc/Vdd) | 2.7 V ~ 3.6 V   |
| Data Converters            | A/D 22x12b, D/A 1x12b   |
| Oscillator Type            | Internal  |
| Operating Temperature      | -40°C ~ 85°C (TA)   |
| Mounting Type              | -   |
| Package / Case             | 100-LQFP  |
| Supplier Device Package    | 100-LFQFP (14x14)   |

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## R5F564MLCDFP#31 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.

## R5F564MLCDFP#31 Payment Methods



## R5F564MLCDFP#31 Shipping Methods



If you have any question about R5F564MLCDFP#31, please do not hesitate to contact us!

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