

Microcontroller, RL78 Family, RL78/G1x Series, RL78/G13 Group Microcontrollers, RL78, 16bit, 32 MHz

Manufacturers	<a href="#">Renesas Technology Corp</a>
Package/Case	64-LQFP
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for R5F100LGAFB#V0 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

### Features

CPU: RL78 core, Max. 32MHz

Voltage: 1.6V to 5.5V

Package: 64-pin HTFQFP, 24 to 48-pin HWQFN, 48 to 128-pin LFQFP, 44 to 100-pin LQFP, 20 to 30-pin LSSOP, 64-pin VFBGA, 25 to 36-pin WFLGA

Memory: SRAM Max. 32KB, Program Flash Max. 512KB

Timer: 16-bit Timer (ch) x 8, 8-bit Timer (ch) x 8, Watchdog Timer (ch) x 1, Interval Timer x 1 ch

PWM: PWM Output x 7

Analog function: 10-bit A/D Converter (ch) x 9

On-chip Oscillator Freq. (MHz): High-Speed: 32, 24, 16, 12, 8, 4, 1MHz

Low-speed: 15kHz

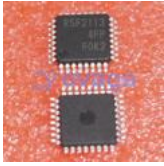
Others: RTC, Power-On Reset, Low Voltage Detection

## Related Products



[R5F21246SNFP](#)

Renesas Technology Corp  
QFP48



[R5F21134FP](#)

Renesas Technology Corp  
QFP-32



[R5S77641N300BG](#)

Renesas Technology Corp  
BGA



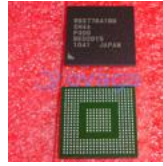
[R5F56218BDFP#V0](#)

Renesas Technology Corp  
100-LQFP



[R5F21368CNFP](#)

Renesas Technology Corp  
64-LQFP



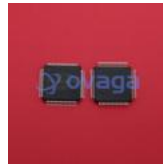
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BGA



[R5F562TAADF#V1](#)

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RX62T32Bit100Mhz



[R5F52306ADF#30](#)

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64-LQFP