

MCU 16-bit RL78 CISC 48KB Flash 1.8V/2.5V/3.3V/5V 48-Pin LQFP Tray

Manufacturers	Renesas Technology Corp
Package/Case	48-LQFP
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for R5F100GD AFB#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 LQFP, 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



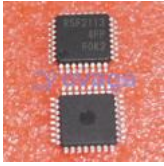
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Renesas Technology Corp
QFP48



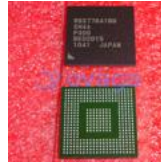
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