

## R5F52105BDFL#30



**Part Number:** [R5F52105BDFL#30](#)  
**Manufacturer:** [Renesas Electronics America](#)  
**Description:** IC MCU 32BIT 128KB FLASH 48LFQFP  
**Data sheet:** [PDF RX210 Group](#)  
[PDF RX210 Group Hrdw Manual](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
 See Product Specifications for product details.  
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### PRODUCT PARAMETER

Part Number	<a href="#">R5F52105BDFL#30</a>
Manufacturer	<a href="#">Renesas Electronics America</a>
Description	IC MCU 32BIT 128KB FLASH 48LFQFP
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	30872 pcs
Product Photo	<a href="#">R5F52105BDFL#30.jpg</a>
Category	<a href="#">Integrated Circuits (ICs)</a>
Voltage - Supply (Vcc/Vdd)	1.62 V ~ 5.5 V
Supplier Device Package	48-LFQFP (7x7)
Speed	50MHz
Series	RX200
RAM Size	20K x 8
Program Memory Type	FLASH
Program Memory Size	128KB (128K x 8)
Peripherals	DMA, LVD, POR, PWM, WDT
Packaging	Tray
Package / Case	48-LQFP
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	34
Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	8K x 8
Detailed Description	RX RX200 Microcontroller IC 32-Bit 50MHz 128KB (128K x 8) FLASH 48-LFQFP (7x7)
Data Converters	A/D 8x12b
Core Size	32-Bit
Core Processor	RX
Connectivity	PC, SCI, SPI

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### RELATED PRODUCTS

	Part#: <a href="#">R5F52106BDFL#30</a> Description: IC MCU 32BIT 256KB FLASH 48LFQFP	Manufacturers: <a href="#">Renesas Electronics America</a> In Stock: 27224	<a href="#">RFQ</a>
	Part#: <a href="#">R5F52105BDFM#30</a> Description: IC MCU 32BIT 128KB FLASH 64LFQFP	Manufacturers: <a href="#">Renesas Electronics America</a> In Stock: 27821	<a href="#">RFQ</a>
	Part#: <a href="#">R5F52105BDLJ#U0</a> Description: IC MCU 32BIT 128KB FLASH 100LGA	Manufacturers: <a href="#">Renesas Electronics America</a> In Stock: 27352	<a href="#">RFQ</a>
	Part#: <a href="#">R5F52104BDFM#30</a> Description: IC MCU 32BIT 96KB FLASH 64LFQFP	Manufacturers: <a href="#">Renesas Electronics America</a> In Stock: 29348	<a href="#">RFQ</a>
	Part#: <a href="#">R5F52106BDFV#0</a> Description: IC MCU 32BIT 256KB FLASH 80LQFP	Manufacturers: <a href="#">Renesas Electronics America</a> In Stock: 24472	<a href="#">RFQ</a>
	Part#: <a href="#">R5F52105BDFP#30</a> Description: IC MCU 32BIT 128KB FLASH 100QFP	Manufacturers: <a href="#">Renesas Electronics America</a> In Stock: 21401	<a href="#">RFQ</a>
	Part#: <a href="#">R5F52106BDFB#30</a> Description: IC MCU 32BIT 256KB FLASH 144QFP	Manufacturers: <a href="#">Renesas Electronics America</a> In Stock: 21387	<a href="#">RFQ</a>
	Part#: <a href="#">R5F52105BDFN#30</a> Description: IC MCU 32BIT 128KB FLASH 80LQFP	Manufacturers: <a href="#">Renesas Electronics America</a> In Stock: 22963	<a href="#">RFQ</a>
	Part#: <a href="#">R5F52106BDBM#U0</a> Description: IC MCU 32BIT 256KB FLASH 69WFBGA	Manufacturers: <a href="#">Renesas Electronics America</a> In Stock: 23545	<a href="#">RFQ</a>
	Part#: <a href="#">R5F52103BDFL#30</a> Description: IC MCU 32BIT 64KB FLASH 48LFQFP	Manufacturers: <a href="#">Renesas Electronics America</a> In Stock: 31048	<a href="#">RFQ</a>
	Part#: <a href="#">R5F51308ADFL#30</a> Description: 32BIT MCU RX130 512K LQFP-48 -40	Manufacturers: <a href="#">Renesas Electronics America</a> In Stock: 31447	<a href="#">RFQ</a>
	Part#: <a href="#">R5F52104BDFV#0</a> Description: IC MCU 32BIT 96KB FLASH 80LQFP	Manufacturers: <a href="#">Renesas Electronics America</a> In Stock: 22700	<a href="#">RFQ</a>
	Part#: <a href="#">R5F51308ADFN#30</a> Description: RX130 MCU 512K/48K 80LQFP -40_+8	Manufacturers: <a href="#">Renesas Electronics America</a> In Stock: 27648	<a href="#">RFQ</a>
	Part#: <a href="#">R5F52104BDFL#30</a> Description: IC MCU 32BIT 96KB FLASH 48LFQFP	Manufacturers: <a href="#">Renesas Electronics America</a> In Stock: 30085	<a href="#">RFQ</a>
	Part#: <a href="#">R5F51308ADFM#30</a> Description: RX130 MCU 512K/48K 64LQFP -4_+85	Manufacturers: <a href="#">Renesas Electronics America</a> In Stock: 27581	<a href="#">RFQ</a>
	Part#: <a href="#">R5F51308ADFP#30</a> Description: 32BIT MCU RX130 512K LQFP-100 -4	Manufacturers: <a href="#">Renesas Electronics America</a> In Stock: 31172	<a href="#">RFQ</a>
	Part#: <a href="#">R5F52103BDFM#30</a> Description: IC MCU 32BIT 64KB FLASH 64LFQFP	Manufacturers: <a href="#">Renesas Electronics America</a> In Stock: 26071	<a href="#">RFQ</a>
	Part#: <a href="#">R5F52105BDLK#U0</a> Description: IC MCU 32BIT 128KB FLASH 145LGA	Manufacturers: <a href="#">Renesas Electronics America</a> In Stock: 21870	<a href="#">RFQ</a>
	Part#: <a href="#">R5F52105BDLA#U0</a> Description: IC MCU 32BIT 128KB FLASH 100LGA	Manufacturers: <a href="#">Renesas Electronics America</a> In Stock: 28388	<a href="#">RFQ</a>
	Part#: <a href="#">R5F52105BDFB#30</a> Description: IC MCU 32BIT 128KB FLASH 144QFP	Manufacturers: <a href="#">Renesas Electronics America</a> In Stock: 20575	<a href="#">RFQ</a>

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