

RENESAS

Renesas Electronics America

### R5F52316ADFM#30

Part Number:	R5F52316ADFM#30
Manufacturer/Brand:	Renesas Electronics America
Product description:	IC MCU 32BIT 256KB FLASH 64LQFP
Datasheets:	<a href="#">1.R5F52316ADFM#30.pdf</a> <a href="#">2.R5F52316ADFM#30.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	13082 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

#### Specifications of R5F52316ADFM#30

PART NUMBER	R5F52316ADFM#30
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 32BIT 256KB FLASH 64LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	13082 pcs
DATA SHEET	<a href="#">1.R5F52316ADFM#30.pdf</a> <a href="#">2.R5F52316ADFM#30.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	64-LQFP (10x10)
SPEED	54MHz
SERIES	RX200
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	43
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	8K x 8
DETAILED DESCRIPTION	RXv2 RX200 Microcontroller IC 32-Bit 54MHz 256KB (256K x 8) FLASH 64-LQFP (10x10)
DATA CONVERTERS	A/D 12x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	RXv2
CONNECTIVITY	CANbus, I <sup>2</sup> C, IrDA, SCI, SD/SDIO, SPI, SSI, USB OTG

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<p><b>R5F52315CDND#U0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 128KB FLASH 64HWQFN                  In stock: 23755 pcs  <a href="#">RFQ</a></p>	<p><b>R5F52316ADNE#U0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 256KB FLASH 48HWQFN                  In stock: 18981 pcs  <a href="#">RFQ</a></p>
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<p><b>R5F52316CDFM#30</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 256KB FLASH 64LQFP                  In stock: 14142 pcs  <a href="#">RFQ</a></p>	<p><b>R5F52315CDLF#20</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 128KB FLASH 64WFLGA                  In stock: 22157 pcs  <a href="#">RFQ</a></p>
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