

RENESAS

Renesas Electronics America

### R5F565N4ADFB#30

Part Number:	R5F565N4ADFB#30
Manufacturer/Brand:	Renesas Electronics America
Product description:	IC MCU 32BIT 512KB FLASH 144LQFP
Datasheets:	<a href="#">1.R5F565N4ADFB#30.pdf</a> <a href="#">2.R5F565N4ADFB#30.pdf</a> <a href="#">3.R5F565N4ADFB#30.pdf</a> <a href="#">4.R5F565N4ADFB#30.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	7315 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

#### Specifications of R5F565N4ADFB#30

PART NUMBER	R5F565N4ADFB#30
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	7315 pcs
DATA SHEET	<a href="#">1.R5F565N4ADFB#30.pdf</a> <a href="#">2.R5F565N4ADFB#30.pdf</a> <a href="#">3.R5F565N4ADFB#30.pdf</a> <a href="#">4.R5F565N4ADFB#30.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LFQFP (20x20)
SPEED	120MHz
SERIES	RX65N
RAM SIZE	256K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	111
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	RXv2 RX65N Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 144-LFQFP (20x20)
DATA CONVERTERS	A/D 29x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	RXv2
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I <sup>2</sup> C, LINbus, MMC/SD, QSPI, SCI, SPI, UART/USART, USB

#### Related Tags

Renesas Electronics America R5F565N4ADFB#30	R5F565N4ADFB#30 Distributor	R5F565N4ADFB#30 Supplier
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#### Related Products

<p><b>R5F5651EDDLK#20</b>                  Manufacturers: Renesas Electronics America                  Description: 32BIT MCU RX651 2MB LGA145 -40/8                  In stock: 6756 pcs  <a href="#">RFQ</a></p>	<p><b>R5F5651EDDLJ#20</b>                  Manufacturers: Renesas Electronics America                  Description: 32BIT MCU RX651 2MB LGA100 -40/8                  In stock: 7622 pcs  <a href="#">RFQ</a></p>
<p><b>R5F565N4ADLJ#20</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 512KB FLASH 100LGA                  In stock: 11434 pcs  <a href="#">RFQ</a></p>	<p><b>R5F5651EDDFC#30</b>                  Manufacturers: Renesas Electronics America                  Description: 32BIT MCU RX651 2MB QFP176 -40/8                  In stock: 7060 pcs  <a href="#">RFQ</a></p>
<p><b>R5F5651EDDFP#30</b>                  Manufacturers: Renesas Electronics America                  Description: 32BIT MCU RX651 2MB QFP100 -40/8                  In stock: 6983 pcs  <a href="#">RFQ</a></p>	<p><b>R5F5651EDDFB#30</b>                  Manufacturers: Renesas Electronics America                  Description: 32BIT MCU RX651 2MB QFP144 -40/8                  In stock: 6469 pcs  <a href="#">RFQ</a></p>
<p><b>R5F565N4BDFP#30</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 512KB FLASH 100LQFP                  In stock: 9034 pcs  <a href="#">RFQ</a></p>	<p><b>R5F5651EDDLK#20</b>                  Manufacturers: Renesas Electronics America                  Description: 32BIT MCU RX651 2MB LGA177 -40/8                  In stock: 8429 pcs  <a href="#">RFQ</a></p>
<p><b>R5F565N4ADLK#20</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 512KB FLASH 145LGA                  In stock: 10514 pcs  <a href="#">RFQ</a></p>	<p><b>R5F565N4BDLJ#20</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 512KB FLASH 100LGA                  In stock: 12602 pcs  <a href="#">RFQ</a></p>
<p><b>R5F565N4ADFP#30</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 512KB FLASH 144LQFP                  In stock: 8242 pcs  <a href="#">RFQ</a></p>	<p><b>R5F565N4BDFB#30</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 512KB FLASH 144LQFP                  In stock: 8254 pcs  <a href="#">RFQ</a></p>