

RENESAS

Renesas Electronics America

### R5F563TEEDFA#V0

Part Number:	R5F563TEEDFA#V0
Manufacturer/Brand:	Renesas Electronics America
Product description:	IC MCU 32BIT 512KB FLASH 120LQFP
Datasheets:	<a href="#">1.R5F563TEEDFA#V0.pdf</a> <a href="#">2.R5F563TEEDFA#V0.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	8747 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 R5F563TEEDFA#V0

PART NUMBER	R5F563TEEDFA#V0
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 32BIT 512KB FLASH 120LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	8747 pcs
DATA SHEET	<a href="#">1.R5F563TEEDFA#V0.pdf</a> <a href="#">2.R5F563TEEDFA#V0.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	120-LQFP (16x16)
SPEED	100MHz
SERIES	RX600
RAM SIZE	48K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	120-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	72
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	32K x 8
DETAILED DESCRIPTION	RX RX600 Microcontroller IC 32-Bit 100MHz 512KB (512K x 8) FLASH 120-LQFP (16x16)
DATA CONVERTERS	A/D 12x10b, 8x12b, D/A 2x10b
CORE SIZE	32-Bit
CORE PROCESSOR	RX
CONNECTIVITY	EBI/EMI, I <sup>2</sup> C, LINbus, SCI, SPI

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#### Related Products

<p><b>R5F563TEDDFP#V1</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 512KB FLASH 100LQFP                  In stock: 9333 pcs  <a href="#">RFQ</a></p>	<p><b>R5F563TEDDFP#V0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 512KB FLASH 100LQFP                  In stock: 11258 pcs  <a href="#">RFQ</a></p>
<p><b>R5F563TEEDFB#V0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 512KB FLASH 144QFP                  In stock: 11174 pcs  <a href="#">RFQ</a></p>	<p><b>R5F563TEEDFP#V0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 512KB FLASH 100LQFP                  In stock: 10617 pcs  <a href="#">RFQ</a></p>
<p><b>R5F563TEDDFA#V1</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 512KB FLASH 120LQFP                  In stock: 10037 pcs  <a href="#">RFQ</a></p>	<p><b>R5F563TEDDFB#V1</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 512KB FLASH 144QFP                  In stock: 8493 pcs  <a href="#">RFQ</a></p>
<p><b>R5F564MFCDFB#V1</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 2MB FLASH 144LQFP                  In stock: 6972 pcs  <a href="#">RFQ</a></p>	<p><b>R5F564MFCDBG#21</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 2MB FLASH 176LFBGA                  In stock: 4963 pcs  <a href="#">RFQ</a></p>
<p><b>R5F563TEDDFH#V0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 512KB FLASH 112LQFP                  In stock: 10101 pcs  <a href="#">RFQ</a></p>	<p><b>R5F563TEEDFH#V0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 512KB FLASH 112LQFP                  In stock: 9396 pcs  <a href="#">RFQ</a></p>
<p><b>R5F563TEDDFB#V0</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 512KB FLASH 144QFP                  In stock: 7699 pcs  <a href="#">RFQ</a></p>	<p><b>R5F564MFCDFB#31</b>                  Manufacturers: Renesas Electronics America                  Description: IC MCU 32BIT 2MB FLASH 144LQFP                  In stock: 7581 pcs  <a href="#">RFQ</a></p>