




Renesas Electronics America

**R5F5631PDDFM#V0**

Part Number:	R5F5631PDDFM#V0
Manufacturer/Brand:	Renesas Electronics America
Product description:	IC MCU 32BIT 512KB FLASH 64LFQFP
Datasheets:	<a href="#">1.R5F5631PDDFM#V0.pdf</a> <a href="#">2.R5F5631PDDFM#V0.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Stock Condition:	9039 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.




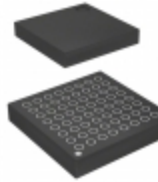








## Specifications of R5F5631PDDFM#V0

PART NUMBER	R5F5631PDDFM#V0
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 32BIT 512KB FLASH 64LFQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	9039 pcs
DATA SHEET	<a href="#">1.R5F5631PDDFM#V0.pdf</a> <a href="#">2.R5F5631PDDFM#V0.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-LFQFP (10x10)
SPEED	100MHz
SERIES	RX600
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K 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	42
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 64-LFQFP (10x10)
DATA CONVERTERS	A/D 12x12b, D/A 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	RX
CONNECTIVITY	CANbus, I <sup>2</sup> C, LINbus, SCI, SPI, USB

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## Related Products

 <p><b>R5F5631WHDFB#V0</b>  Manufacturers: Renesas Electronics America  Description: IC MCU 32BIT 1MB FLASH 144LFQFP  In stock: 3187 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>R5F5631NDDFL#V0</b>  Manufacturers: Renesas Electronics America  Description: IC MCU 32BIT 384KB FLASH 48LFQFP  In stock: 17016 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>R5F5631NDDFM#V0</b>  Manufacturers: Renesas Electronics America  Description: IC MCU 32BIT 384KB FLASH 64LFQFP  In stock: 13383 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>R5F5631PFDLH#U0</b>  Manufacturers: Renesas Electronics America  Description: IC MCU 32BIT 512KB FLASH 64TFLGA  In stock: 7483 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>R5F5631PCDFL#V0</b>  Manufacturers: Renesas Electronics America  Description: IC MCU 32BIT 512KB FLASH 48LFQFP  In stock: 13557 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>R5F5631PCDFM#V0</b>  Manufacturers: Renesas Electronics America  Description: IC MCU 32BIT 512KB FLASH 64LFQFP  In stock: 12671 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>R5F5631WHDFC#V0</b>  Manufacturers: Renesas Electronics America  Description: IC MCU 32BIT 1MB FLASH 176LFQFP  In stock: 6140 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>R5F5631WDDFB#V0</b>  Manufacturers: Renesas Electronics America  Description: IC MCU 32BIT 1MB FLASH 144LFQFP  In stock: 8507 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>R5F5631WDDFP#V0</b>  Manufacturers: Renesas Electronics America  Description: IC MCU 32BIT 1MB FLASH 100LFQFP  In stock: 8144 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>R5F5631NCDFM#V0</b>  Manufacturers: Renesas Electronics America  Description: IC MCU 32BIT 384KB FLASH 64LFQFP  In stock: 11797 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>R5F5631WDDFC#V0</b>  Manufacturers: Renesas Electronics America  Description: IC MCU 32BIT 1MB FLASH 176LFQFP  In stock: 7588 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>R5F5631PDDFL#V0</b>  Manufacturers: Renesas Electronics America  Description: IC MCU 32BIT 512KB FLASH 48LFQFP  In stock: 9667 pcs</p> <p><a href="#">RFQ</a></p>