



Renesas Electronics America



Image may be representation. See specifications for product details.

R5F56316SDFC#V0

Part Number:	R5F56316SDFC#V0
Manufacturer/Brand:	Renesas Electronics America
Product description	IC MCU 32BIT 256KB FLASH 176QFP
Datasheets:	 1.R5F56316SDFC#V0.pdf
	 2.R5F56316SDFC#V0.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	11861 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

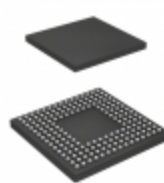
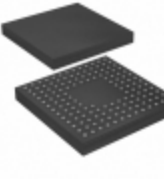
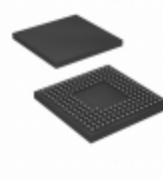
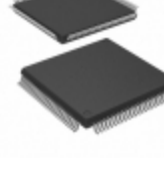
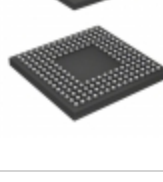
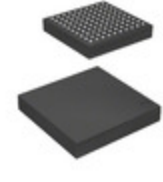
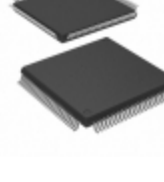
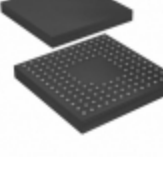
Specifications of R5F56316SDFC#V0

PART NUMBER	R5F56316SDFC#V0
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 32BIT 256KB FLASH 176QFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	11861 pcs
DATA SHEET	 1.R5F56316SDFC#V0.pdf  2.R5F56316SDFC#V0.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	176-LFQFP (24x24)
SPEED	100MHz
SERIES	RX600
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	176-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	133
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 256KB (256K x 8) FLASH 176-LFQFP (24x24)
DATA CONVERTERS	A/D 8x10b, 21x12b, D/A 2x10b
CORE SIZE	32-Bit
CORE PROCESSOR	RX
CONNECTIVITY	CANbus, EBI/EMI, I²C, LINbus, SCI, SPI, USB

Related Tags

Renesas Electronics America R5F56316SDFC#V0	R5F56316SDFC#V0 Distributor	R5F56316SDFC#V0 Supplier
R5F56316SDFC#V0 Price	R5F56316SDFC#V0 Pictures	R5F56316SDFC#V0 Image
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Related Products

 R5F56317CDBG#U0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 384KB FLASH 176BGA In stock: 11044 pcs RFQ	 R5F56317CDFB#V0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 384KB FLASH 144QFP In stock: 9054 pcs RFQ
 R5F56316DDLK#U0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 256KB FLASH 145LGA In stock: 12202 pcs RFQ	 R5F56316DDLC#U0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 256KB FLASH 177LGA In stock: 9416 pcs RFQ
 R5F56317CDFP#V0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 384KB FLASH 100QFP In stock: 12656 pcs RFQ	 R5F56317CDFC#V0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 384KB FLASH 176QFP In stock: 9884 pcs RFQ
 R5F56316SDLK#U0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 256KB FLASH 177LGA In stock: 8976 pcs RFQ	 R5F56316SDBG#U0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 256KB FLASH 176BGA In stock: 11027 pcs RFQ
 R5F56316SDFB#V0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 256KB FLASH 144QFP In stock: 11495 pcs RFQ	 R5F56316DDLJ#U0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 256KB FLASH 100LGA In stock: 12418 pcs RFQ
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