



Renesas Electronics America

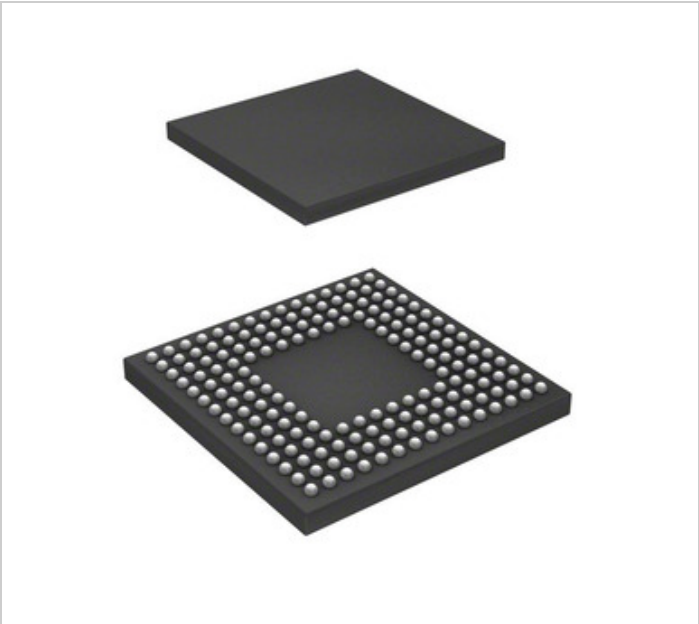


Image may be representation. See specifications for product details.

R5F56216BDBG#U0

Part Number:	R5F56216BDBG#U0
Manufacturer/Brand:	Renesas Electronics America
Product description	IC MCU 32BIT 256KB FLASH 176BGA
Datasheets:	 1.R5F56216BDBG#U0.pdf
	 2.R5F56216BDBG#U0.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

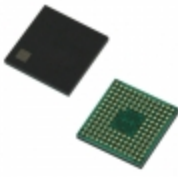
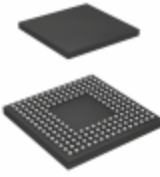
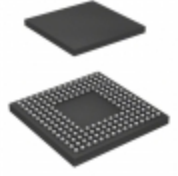
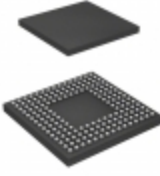
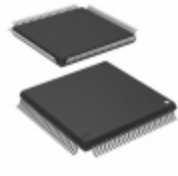
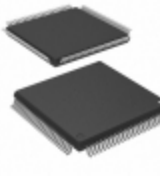
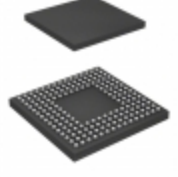
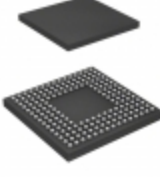
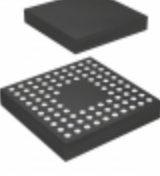
Specifications of R5F56216BDBG#U0

PART NUMBER	R5F56216BDBG#U0
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 32BIT 256KB FLASH 176BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.R5F56216BDBG#U0.pdf  2.R5F56216BDBG#U0.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	176-LFBGA (13x13)
SPEED	100MHz
SERIES	RX600
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	176-LFBGA
OTHER NAMES	R5F56216BDBGU0
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	126
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	24 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	RX RX600 Microcontroller IC 32-Bit 100MHz 256KB (256K x 8) FLASH 176-LFBGA (13x13)
DATA CONVERTERS	A/D 8x10/12b, D/A 2x10b
CORE SIZE	32-Bit
CORE PROCESSOR	RX
CONNECTIVITY	CANbus, EBI/EMI, I ² C, SCI, SPI, USB
BASE PART NUMBER	R5F5621

Related Tags

Renesas Electronics America R5F56216BDBG#U0	R5F56216BDBG#U0 Distributor	R5F56216BDBG#U0 Supplier
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 R5F56216BDLE#U0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 256KB FLASH 145LGA In stock: Out stock RFQ	 R5F56217BDFB#V0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 384KB FLASH 144QFP In stock: Out stock RFQ
 R5F56216BDFP#V0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 149 pcs RFQ	 R5F56108WDBG#U0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 2MB FLASH 176LFBGA In stock: Out stock RFQ
 R5F56107WNBG#U0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 1.5MB FLASH 176BGA In stock: Out stock RFQ	 R5F56107WDBG#U0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 1.5MB FLASH 176BGA In stock: Out stock RFQ
 R5F56108VNFP#V0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 2MB FLASH 100LQFP In stock: 278 pcs RFQ	 R5F56108VDFP#V0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 2MB FLASH 100LQFP In stock: Out stock RFQ
 R5F56108WNBG#U0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 2MB FLASH 176LFBGA In stock: Out stock RFQ	 R5F56217BDBG#U0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 384KB FLASH 176BGA In stock: 36 pcs RFQ
 R5F56216BDFB#V0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 256KB FLASH 144QFP In stock: 91 pcs RFQ	 R5F56216BDLD#U0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 256KB FLASH 85TFLGA In stock: 12 pcs RFQ