

R5F56106WDBG#U0



Part Number: [R5F56106WDBG#U0](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 32BIT 1MB FLASH 176LFBGA

Data sheet:  [RX610 Hardware Manual](#)
 [RX610 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

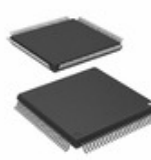
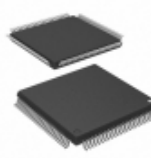
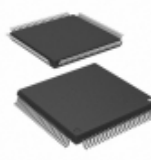
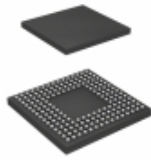
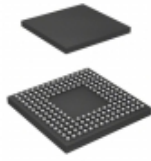
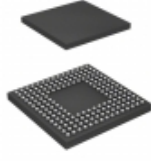
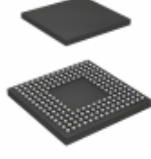
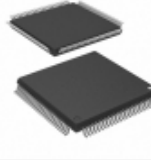
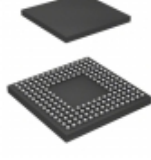
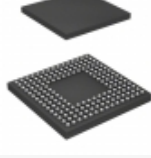
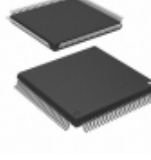
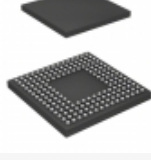
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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	R5F56106WDBG#U0	Manufacturer	Renesas Electronics America
Description	IC MCU 32BIT 1MB FLASH 176LFBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	9825 pcs	Data sheet	RX610 Hardware Manual RX610 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	176-LFBGA (13x13)	Speed	100MHz
Series	RX600	RAM Size	128K x 8
Program Memory Type	FLASH	Program Memory Size	1MB (1M x 8)
Peripherals	DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	176-LFBGA	Other Names	R5F56106WDBGU0
Oscillator Type	External	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	140	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	RX RX600 Microcontroller IC 32-Bit 100MHz 1MB (1M x 8) FLASH 176-LFBGA (13x13)	Data Converters	A/D 16x10b; D/A 2x10b
Core Size	32-Bit	Core Processor	RX
Connectivity	EBI/EMI, I ² C, SCI	Base Part Number	R5F5610
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	Part#: R5F56104WDBG#U0 Description: IC MCU 32BIT 768KB FLASH 176BGA	Manufacturers: Renesas Electronics America	RFQ
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