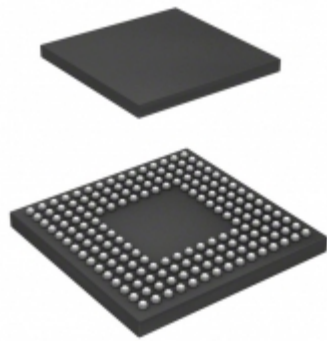


R7FS7G27H2A01CBG#AC0



Part Number: [R7FS7G27H2A01CBG#AC0](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 32BIT 4MB FLASH 176BGA

Data sheet:  [S7G2 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

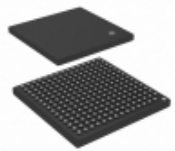
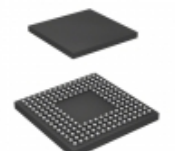
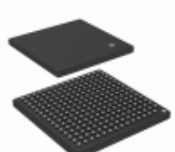
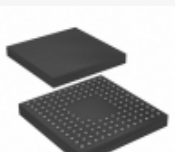
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PRODUCT PARAMETER			
Part Number	R7FS7G27H2A01CBG#AC0	Manufacturer	Renesas Electronics America
Description	IC MCU 32BIT 4MB FLASH 176BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4822 pcs	Data sheet	S7G2 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V
Supplier Device Package	176-LFBGA (13x13)	Speed	240MHz
Series	Renesas Synergy™ S7	RAM Size	640K x 8
Program Memory Type	FLASH	Program Memory Size	4MB (4M x 8)
Peripherals	DMA, LCD, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	176-LFBGA	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	12 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	64K x 8
Detailed Description	ARM® Cortex®-M4 Renesas Synergy™ S7 Microcontroller IC 32-Bit 240MHz 4MB (4M x 8) FLASH 176-LFBGA (13x13)	Data Converters	A/D 21x12b, D/A 2x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	CANbus, EBI/EMI, Ethernet, I²C, IrDA, MMC/SD, QSPI, SCI, SPI, SSI, UART/USART, USB		
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	Part#: R7FS5D97E2A01CLK#AC0 Description: IC MCU 32BIT 2MB FLASH 145TFLGA	Manufacturers: Renesas Electronics America	RFQ
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	Part#: R7FS5D97E3A01CFC#AA0 Description: IC MCU 32BIT 2MB FLASH 176LQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: R7FS5D97C3A01CFC#AA0 Description: IC MCU 32BIT 1MB FLASH 176LQFP	Manufacturers: Renesas Electronics America	RFQ
	Part#: R7FS5D97E2A01CBG#AC0 Description: IC MCU 32BIT 2MB FLASH 176LFBGA	Manufacturers: Renesas Electronics America	RFQ

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