



Renesas Electronics America

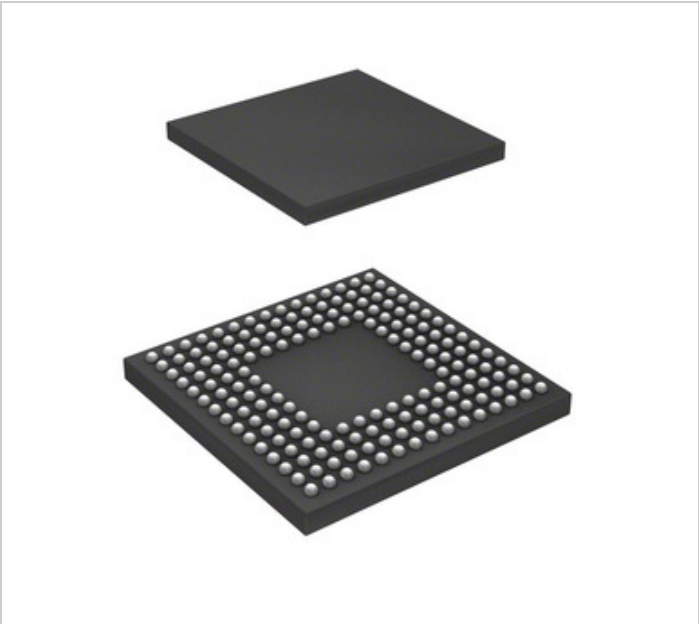


Image may be representation. See specifications for product details.

R7FS7G27G2A01CBG#AC0

Part Number:	R7FS7G27G2A01CBG#AC0
Manufacturer/Brand:	Renesas Electronics America
Product description	IC MCU 32BIT 3MB FLASH 176BGA
Datasheets:	 R7FS7G27G2A01CBG#AC0.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

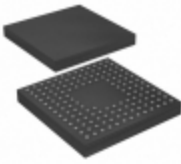
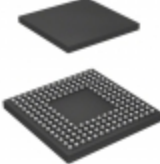
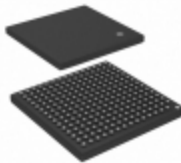
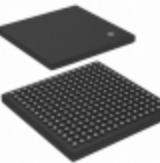
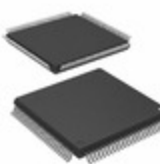
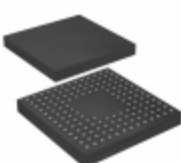
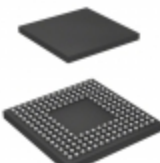
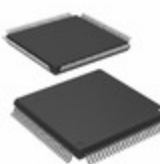
Specifications of R7FS7G27G2A01CBG#AC0

PART NUMBER	R7FS7G27G2A01CBG#AC0
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 32BIT 3MB FLASH 176BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 R7FS7G27G2A01CBG#AC0.pdf
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	3MB (3M 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 3MB (3M 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

Related Tags

Renesas Electronics America R7FS7G27G2A01CBG#AC0	R7FS7G27G2A01CBG#AC0 Distributor	R7FS7G27G2A01CBG#AC0 Supplier
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Related Products

 R7FS5D97E3A01CFC#AA0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 2MB FLASH 176LQFP In stock: 80 pcs RFQ	 R7FS7G27G3A01CFB#AA0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 3MB FLASH 144LQFP In stock: 6 pcs RFQ
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 R7FS5D97E3A01CFB#AA0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 2MB FLASH 114LQFP In stock: 20 pcs RFQ	 R7FS7G27G3A01CFP#AA0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 3MB FLASH 100LQFP In stock: 81 pcs RFQ
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 R7FS7G27G3A01CFC#AA0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 3MB FLASH 176LQFP In stock: Out stock RFQ	 R7FS5D97E3A01CFP#AA0 Manufacturers: Renesas Electronics America Description: IC MCU 32BIT 2MB FLASH 100LQFP In stock: 25 pcs RFQ