

R7FS3A77C3A01CFB#AA1



Part Number: [R7FS3A77C3A01CFB#AA1](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 32BIT 1MB FLASH 144LFQFP

Data sheet:  [S3A7 Datasheet](#)

RoHS Status: Lead free / RoHS Compliant

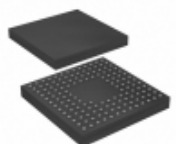
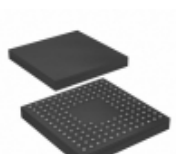
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PRODUCT PARAMETER			
Part Number	R7FS3A77C3A01CFB#AA1	Manufacturer	Renesas Electronics America
Description	IC MCU 32BIT 1MB FLASH 144LFQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	11494 pcs	Data sheet	S3A7 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.6 V ~ 5.5 V
Supplier Device Package	144-LFQFP (20x20)	Speed	48MHz
Series	Renesas Synergy™ S3	RAM Size	192K x 8
Program Memory Type	FLASH	Program Memory Size	1MB (1M x 8)
Peripherals	DMA, LCD, LVD, POR, PWM, WDT	Packaging	Bulk
Package / Case	144-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)	Number of I/O	124
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	12 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	16K x 8
Detailed Description	ARM® Cortex®-M4 Renesas Synergy™ S3 Microcontroller IC 32-Bit 48MHz 1MB (1M x 8) FLASH 144-LFQFP (20x20)	Data Converters	A/D 28x14b, D/A 2x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	CANbus, EBI/EMI, I²C, IrDA, MMC/SD, QSPI, SCI, SPI, UART/USART, USB		
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	Part#: R7FS5D57C2A01CLK#AC0 Description: SYNERGY MCU PLATFORM S5D5 384K 1	Manufacturers: Renesas Electronics America	RFQ
	Part#: R7FS3A6783A01CNB#AC0 Description: SYNERGY MCU PLATFORM S3A6 256K 6	Manufacturers: Renesas Electronics America	RFQ
	Part#: R7FS3A77C3A01CFP#AA1 Description: IC MCU 32BIT 1MB FLASH 100LFQFP	Manufacturers: Renesas Electronics America	RFQ
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	Part#: R7FS3A6783A01CFP#AA0 Description: SYNERGY MCU PLATFORM S3A6 256K 1	Manufacturers: Renesas Electronics America	RFQ
	Part#: R7FS3A77C2A01CLJ#AC1 Description: IC MCU 32BIT 1MB FLASH 100TFLGA	Manufacturers: Renesas Electronics America	RFQ
	Part#: R7FS5D97C2A01CBG#AC0 Description: IC MCU 32BIT 1MB FLASH 176LFBGA	Manufacturers: Renesas Electronics America	RFQ
	Part#: R7FS3A6782A01CLJ#AC0 Description: SYNERGY MCU PLATFORM S3A6 256K 1	Manufacturers: Renesas Electronics America	RFQ
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