

R7FS3A17C3A01CFM#AA0



Part Number: [R7FS3A17C3A01CFM#AA0](#)

Manufacturer: [Renesas Electronics America](#)

Description: SYNERGY MCU PLATFORM S3A1 1MB 64

Data sheet:  [S3A1 Microcontroller Group Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

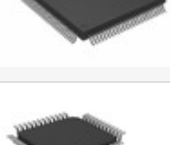
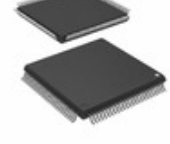
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PRODUCT PARAMETER			
Part Number	R7FS3A17C3A01CFM#AA0	Manufacturer	Renesas Electronics America
Description	SYNERGY MCU PLATFORM S3A1 1MB 64	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	12573 pcs	Data sheet	S3A1 Microcontroller Group Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.6 V ~ 5.5 V
Supplier Device Package	64-LQFP (10x10)	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	Tray
Package / Case	64-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C	Number of I/O	52
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	12 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	8K x 8
Detailed Description	ARM® Cortex®-M4 Renesas Synergy™ S3 Microcontroller IC 32-Bit 48MHz 1MB (1M x 8) FLASH 64-LQFP (10x10)	Data Converters	A/D 18x14b, D/A 2x8b, 1x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	CANbus, EBI/EMI, I²C, MMC/SD, QSPI, SCI, SSIE, SPI, UART/USART, USB		
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