



Renesas Electronics America



Image may be representation. See specifications for product details.

R7FS3A37A3A01CFB#AA0

Part Number:	R7FS3A37A3A01CFB#AA0
Manufacturer/Brand:	Renesas Electronics America
Product description	IC MCU 32BIT 512KB FLASH 144LQFP
Datasheets:	 R7FS3A37A3A01CFB#AA0.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	9323 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

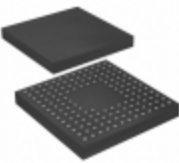
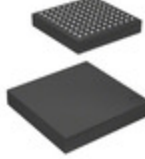
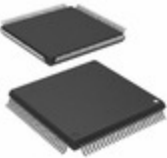
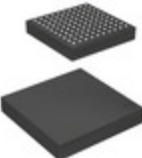
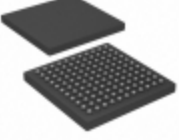
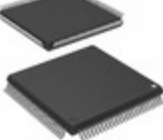
Specifications of R7FS3A37A3A01CFB#AA0

PART NUMBER	R7FS3A37A3A01CFB#AA0
MANUFACTURER	Renesas Electronics America
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	9323 pcs
DATA SHEET	 R7FS3A37A3A01CFB#AA0.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.6 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	48MHz
SERIES	Renesas Synergy™ S3
RAM SIZE	96K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	DMA, LCD, LVD, POR, PWM, WDT
PACKAGING	Tray
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)
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 512KB (512K x 8) FLASH 144-LQFP (20x20)
DATA CONVERTERS	A/D 28x14b, D/A 2x8b, 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, I²C, MMC/SD, QSPI, SCI, SPI, SSI, UART/USART, USB

Related Tags

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 R7FS3A37A2A01CLK#AC0 Manufacturers: Renesas Electronics America Description: SYNERGY MCU PLATFORM S3A3 512K 1 In stock: 7946 pcs RFQ	 R7FS3A17C3A01CNB#AC0 Manufacturers: Renesas Electronics America Description: SYNERGY MCU PLATFORM S3A1 1MB 64 In stock: 6676 pcs RFQ
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