



R7FS5D57C2A01CLK#AC0

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R7FS5D57C2A01CLK#AC0                                                                                         |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | SYNERGY MCU PLATFORM S5D5 384K 1                                                                             |
| Datasheets:         |  1.R7FS5D57C2A01CLK#AC0.pdf |
|                     |  2.R7FS5D57C2A01CLK#AC0.pdf |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5985 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

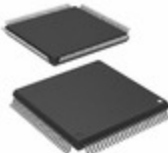
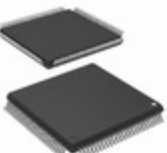
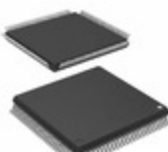
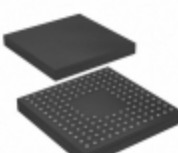
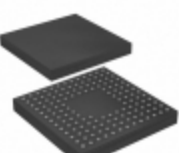
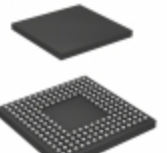
Specifications of R7FS5D57C2A01CLK#AC0

|                                  |                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R7FS5D57C2A01CLK#AC0                                                                                                                                                                                                             |
| MANUFACTURER                     | Renesas Electronics America                                                                                                                                                                                                      |
| DESCRIPTION                      | SYNERGY MCU PLATFORM S5D5 384K 1                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 5985 pcs                                                                                                                                                                                                                         |
| DATA SHEET                       |  1.R7FS5D57C2A01CLK#AC0.pdf<br> 2.R7FS5D57C2A01CLK#AC0.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 3.6 V                                                                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 145-TFLGA (7x7)                                                                                                                                                                                                                  |
| SPEED                            | 120MHz                                                                                                                                                                                                                           |
| SERIES                           | Renesas Synergy™ S5                                                                                                                                                                                                              |
| RAM SIZE                         | 384K x 8                                                                                                                                                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                            |
| PROGRAM MEMORY SIZE              | 1MB (1M x 8)                                                                                                                                                                                                                     |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                                                                                                                                          |
| PACKAGING                        | Bulk                                                                                                                                                                                                                             |
| PACKAGE / CASE                   | 145-TFLGA                                                                                                                                                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                |
| NUMBER OF I/O                    | 109                                                                                                                                                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                       |
| EEPROM SIZE                      | 32K x 8                                                                                                                                                                                                                          |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4 Renesas Synergy™ S5 Microcontroller IC 32-Bit 120MHz 1MB (1M x 8) FLASH 145-TFLGA (7x7)                                                                                                                          |
| DATA CONVERTERS                  | A/D 22x12b, 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 R7FS5D57C2A01CLK#AC0 | R7FS5D57C2A01CLK#AC0 Distributor             | R7FS5D57C2A01CLK#AC0 Supplier                        |
| R7FS5D57C2A01CLK#AC0 Price                       | R7FS5D57C2A01CLK#AC0 Pictures                | R7FS5D57C2A01CLK#AC0 Image                           |
| R7FS5D57C2A01CLK#AC0 PDF Datasheet               | R7FS5D57C2A01CLK#AC0 Download Datasheet      | R7FS5D57C2A01CLK#AC0 Datasheet                       |
| R7FS5D57C2A01CLK#AC0 Stock                       | Buy R7FS5D57C2A01CLK#AC0                     | Buy Renesas Electronics America R7FS5D57C2A01CLK#AC0 |
| Renesas Electronics America R7FS5D57C2A01CLK#AC0 | Renesas Electronics America Supplier         | Renesas Electronics America Distributor              |
| Renesas Electronics America R7FS5D57C2A01CLK#AC0 | Renesas Technology Corp R7FS5D57C2A01CLK#AC0 | Renesas R7FS5D57C2A01CLK#AC0                         |

Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                       |
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|  <div><b>R7FS5D57A3A01CFP#AA0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: SYNERGY MCU PLATFORM S5D5 512K 1<br/>In stock: 8006 pcs<br/><div>RFQ</div></div> |  <div><b>R7FS3A77C3A01CFM#AA1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 64LFQFP<br/>In stock: 7552 pcs<br/><div>RFQ</div></div>   |
|  <div><b>R7FS5D57A3A01CFB#AA0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: SYNERGY MCU PLATFORM S5D5 512K 1<br/>In stock: 8596 pcs<br/><div>RFQ</div></div> |  <div><b>R7FS3A77C3A01CFP#AA1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 100LFQFP<br/>In stock: 6224 pcs<br/><div>RFQ</div></div>  |
|  <div><b>R7FS5D57C3A01CFP#AA0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: SYNERGY MCU PLATFORM S5D5 384K 1<br/>In stock: 5312 pcs<br/><div>RFQ</div></div> |  <div><b>R7FS5D57C3A01CFB#AA0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: SYNERGY MCU PLATFORM S5D5 384K 1<br/>In stock: 5811 pcs<br/><div>RFQ</div></div> |
|  <div><b>R7FS5D97C2A01CLK#AC0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 145TFLGA<br/>In stock: 4567 pcs<br/><div>RFQ</div></div>  |  <div><b>R7FS5D57A2A01CLK#AC0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: SYNERGY MCU PLATFORM S5D5 512K 1<br/>In stock: 7609 pcs<br/><div>RFQ</div></div> |
|  <div><b>R7FS5D97C3A01CFC#AA0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 176LQFP<br/>In stock: 4590 pcs<br/><div>RFQ</div></div>   |  <div><b>R7FS5D97C2A01CBG#AC0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 176LFBGA<br/>In stock: 5008 pcs<br/><div>RFQ</div></div>  |
|  <div><b>R7FS3A77C3A01CNB#AC1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 64WFQFN<br/>In stock: 7027 pcs<br/><div>RFQ</div></div>   |  <div><b>R7FS5D97C3A01CFB#AA0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br/>In stock: 4391 pcs<br/><div>RFQ</div></div>   |