



Renesas Electronics America



Image may be representation. See specifications for product details.

R7FS124773A01CNB#AC1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R7FS124773A01CNB#AC1                                                                                         |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | SYNERGY MCU PLATFORM S124 128K 6                                                                             |
| Datasheets:         |  1.R7FS124773A01CNB#AC1.pdf |
|                     |  2.R7FS124773A01CNB#AC1.pdf |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 17388 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

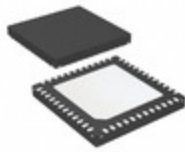
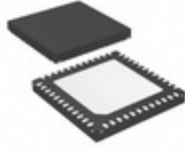
Specifications of R7FS124773A01CNB#AC1

|                                  |                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R7FS124773A01CNB#AC1                                                                                                                                                                                                             |
| MANUFACTURER                     | Renesas Electronics America                                                                                                                                                                                                      |
| DESCRIPTION                      | SYNERGY MCU PLATFORM S124 128K 6                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 17388 pcs                                                                                                                                                                                                                        |
| DATA SHEET                       |  1.R7FS124773A01CNB#AC1.pdf<br> 2.R7FS124773A01CNB#AC1.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.6 V ~ 5.5 V                                                                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 64-HWQFN (8x8)                                                                                                                                                                                                                   |
| SPEED                            | 32MHz                                                                                                                                                                                                                            |
| SERIES                           | Renesas Synergy™ S1                                                                                                                                                                                                              |
| RAM SIZE                         | 16K x 8                                                                                                                                                                                                                          |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                            |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                                                                                                                                 |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                                                                                                                                                               |
| PACKAGING                        | Tray                                                                                                                                                                                                                             |
| PACKAGE / CASE                   | 64-WFQFN Exposed Pad                                                                                                                                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                                                                                                                               |
| NUMBER OF I/O                    | 51                                                                                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                       |
| EEPROM SIZE                      | 4K x 8                                                                                                                                                                                                                           |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0+ Renesas Synergy™ S1 Microcontroller IC 32-Bit 32MHz 128KB (128K x 8) FLASH 64-HWQFN (8x8)                                                                                                                       |
| DATA CONVERTERS                  | A/D 18x14b, D/A 1x12b                                                                                                                                                                                                            |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                           |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                                                                                                                                                                 |
| CONNECTIVITY                     | CANbus, I²C, SCI, SPI, UART/USART, USB                                                                                                                                                                                           |

Related Tags

|                                                  |                                              |                                                      |
|--------------------------------------------------|----------------------------------------------|------------------------------------------------------|
| Renesas Electronics America R7FS124773A01CNB#AC1 | R7FS124773A01CNB#AC1 Distributor             | R7FS124773A01CNB#AC1 Supplier                        |
| R7FS124773A01CNB#AC1 Price                       | R7FS124773A01CNB#AC1 Pictures                | R7FS124773A01CNB#AC1 Image                           |
| R7FS124773A01CNB#AC1 PDF Datasheet               | R7FS124773A01CNB#AC1 Download Datasheet      | R7FS124773A01CNB#AC1 Datasheet                       |
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| Renesas Electronics America R7FS124773A01CNB#AC1 | Renesas Electronics America Supplier         | Renesas Electronics America Distributor              |
| Renesas Electronics America R7FS124773A01CNB#AC1 | Renesas Technology Corp R7FS124773A01CNB#AC1 | Renesas R7FS124773A01CNB#AC1                         |

Related Products

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|  <div><b>R7FS124773A01CNB#AC0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 128KB FLASH 64HWQFN<br/>In stock: 24307 pcs</div> <div>RFQ</div> |  <div><b>R7FS124773A01CFL#AA1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: SYNERGY MCU PLATFORM S124 128K 4<br/>In stock: 18611 pcs</div> <div>RFQ</div> |
|  <div><b>R7FS124773A01CNE#AC0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 128KB FLASH 48HWQFN<br/>In stock: 31022 pcs</div> <div>RFQ</div> |  <div><b>R7FS124773A01CFM#AA0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 128KB FLASH 64LFQFP<br/>In stock: 15982 pcs</div> <div>RFQ</div> |
|  <div><b>R7FS128782A01CLM#AC1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: SYNERGY MCU PLATFORM S128 256K 3<br/>In stock: 14488 pcs</div> <div>RFQ</div> |  <div><b>R7FS124772A01CLM#AC1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: SYNERGY MCU PLATFORM S124 128K 3<br/>In stock: 18357 pcs</div> <div>RFQ</div> |
|  <div><b>R7FS124773A01CNE#AC1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: SYNERGY MCU PLATFORM S124 128K 4<br/>In stock: 31876 pcs</div> <div>RFQ</div> |  <div><b>R7FS124773A01CFM#AA1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: SYNERGY MCU PLATFORM S124 128K 6<br/>In stock: 18324 pcs</div> <div>RFQ</div> |
|  <div><b>R7FS128783A01CFJ#AA0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 32LQFP<br/>In stock: 3036 pcs</div> <div>RFQ</div>   |  <div><b>R7FS124773A01CFL#AA0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 128KB FLASH 48LFQFP<br/>In stock: 26377 pcs</div> <div>RFQ</div> |
|  <div><b>R7FS124773A01CNF#AC1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: SYNERGY MCU PLATFORM S124 128K 4<br/>In stock: 28912 pcs</div> <div>RFQ</div> |  <div><b>R7FS124773A01CNF#AC0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 128KB FLASH 40HWQFN<br/>In stock: 20252 pcs</div> <div>RFQ</div> |