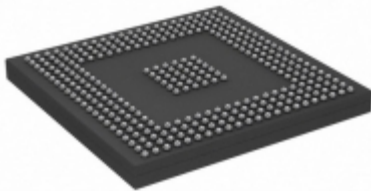


R7S721001VCBG#AC0



**Part Number:** [R7S721001VCBG#AC0](#)

**Manufacturer:** [Renesas Electronics America](#)

**Description:** IC MCU 32BIT ROMLESS 324FBGA

**Data sheet:**  [RZ/A1H, RZ/A1M Hrdw Manual](#)

**RoHs Status:** Lead free / RoHS Compliant

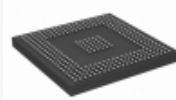
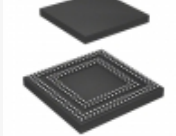
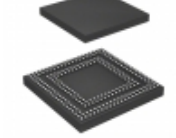
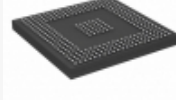
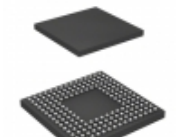
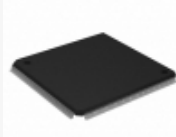
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                  |                                  |                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                           | R7S721001VCBG#AC0                                                                | Manufacturer                     | <a href="#">Renesas Electronics America</a>                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                           | IC MCU 32BIT ROMLESS 324FBGA                                                     | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                    | 3689 pcs                                                                         | Data sheet                       | <a href="#">RZ/A1H, RZ/A1M Hrdw Manual</a>                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a>                                        | Voltage - I/O                    | 1.2V, 3.3V                                                                      |
| USB                                                                                                                                                                                                                                                                                                                                                                                                                                   | USB 2.0 (2)                                                                      | Supplier Device Package          | 324-FBGA (19x19)                                                                |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                 | 400MHz                                                                           | Series                           | RZ/A1H                                                                          |
| Security Features                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                                                | SATA                             | -                                                                               |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                                       | SDRAM, SRAM                                                                      | Packaging                        | Tray                                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                        | 324-BGA                                                                          | Operating Temperature            | -40°C ~ 85°C (TA)                                                               |
| Number of Cores/Bus Width                                                                                                                                                                                                                                                                                                                                                                                                             | 1 Core, 32-Bit                                                                   | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                   |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                       | 20 Weeks                                                                         | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                      |
| Graphics Acceleration                                                                                                                                                                                                                                                                                                                                                                                                                 | Yes                                                                              | Ethernet                         | 10/100 Mbps (1), 100 Mbps (1)                                                   |
| Display & Interface Controllers                                                                                                                                                                                                                                                                                                                                                                                                       | DVD, VDC                                                                         | Detailed Description             | ARM® Cortex®-A9 Microprocessor IC RZ/A1H 1 Core, 32-Bit 400MHz 324-FBGA (19x19) |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                        | ARM® Cortex®-A9                                                                  | Co-Processors/DSP                | Multimedia; NEON™ MPE                                                           |
| Additional Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                 | CAN, I²C, IEBus, IrDA, LIN, MediaLB, MMC/SD/SDIO, SCI, SCI FIFO, SPDIF, SPI, SSI |                                  |                                                                                 |
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|  | Part#: <a href="#">R7S721001VLBG#AC0</a><br>Description: IC MCU 32BIT ROMLESS 324FBGA  | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R7S721011VCBG#AC0</a><br>Description: IC MCU 32BIT ROMLESS 324FBGA  | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R7S01808XX</a><br>Description: DIODE GP 1.8KV 800A DO200AA R62      | Manufacturers: <a href="#">Powerex, Inc.</a>               | RFQ |
|  | Part#: <a href="#">R7S02208XX</a><br>Description: DIODE GP 2.2KV 800A DO200AA R62      | Manufacturers: <a href="#">Powerex, Inc.</a>               | RFQ |
|  | Part#: <a href="#">R7S721000VCBG#AC0</a><br>Description: IC MCU 32BIT ROMLESS 256LFBGA | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R7S721010VCBG#AC0</a><br>Description: IC MCU 32BIT ROMLESS 256LFBGA | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R7S721021VCFP#AA1</a><br>Description: IC MCU 32BIT ROMLESS 208LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R7S721020VCFP#AA1</a><br>Description: IC MCU 32BIT ROMLESS 176LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R7S02008XX</a><br>Description: DIODE GP 2KV 800A DO200AA R62        | Manufacturers: <a href="#">Powerex, Inc.</a>               | RFQ |
|  | Part#: <a href="#">R7S721010VLPF#AA0</a><br>Description: IC MCU 32BIT ROMLESS 256LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R7S721001VCBG#AC1</a><br>Description: RZ/A1H 400MHZ 10MB BGA324     | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R7S01816XX</a><br>Description: RECTIFIER DISC R7S                   | Manufacturers: <a href="#">Powerex, Inc.</a>               | RFQ |
|  | Part#: <a href="#">R7S721011VLBG#AC0</a><br>Description: IC MCU 32BIT ROMLESS 324FBGA  | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R7S721000VCFP#AA1</a><br>Description: IC MCU 32BIT ROMLESS 256LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R7S02012XX</a><br>Description: DIODE GP 2KV 1200A DO200AA R62       | Manufacturers: <a href="#">Powerex, Inc.</a>               | RFQ |
|  | Part#: <a href="#">R7S721020VCBG#AC1</a><br>Description: IC MCU 32BIT ROMLESS 176LFBGA | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R7S721010VCFP#AA0</a><br>Description: IC MCU 32BIT ROMLESS 256LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R7S721000VLPF#AA0</a><br>Description: IC MCU 32BIT ROMLESS 256LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | RFQ |
|  | Part#: <a href="#">R7S01812XX</a><br>Description: DIODE GP 1.8KV 1200A DO200AA R62     | Manufacturers: <a href="#">Powerex, Inc.</a>               | RFQ |

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