

R5S72625W144FP#U0



Part Number: [R5S72625W144FP#U0](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 32BIT ROMLESS 176LFQFP

Data sheet:  [SH7262,64 Hardware Manual](#)

RoHs Status: Lead free / RoHS Compliant

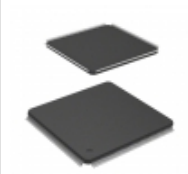
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                    |                                  |                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                           | R5S72625W144FP#U0                                                                  | Manufacturer                     | <a href="#">Renesas Electronics America</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                           | IC MCU 32BIT ROMLESS 176LFQFP                                                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                    | 5239 pcs                                                                           | Data sheet                       | <a href="#">SH7262,64 Hardware Manual</a>   |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a>                                          | Voltage - Supply (Vcc/Vdd)       | 1.1 V ~ 3.6 V                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                               | 176-LFQFP (24x24)                                                                  | Speed                            | 144MHz                                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                | SuperH® SH7260                                                                     | RAM Size                         | 640K x 8                                    |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                   | ROMless                                                                            | Program Memory Size              | -                                           |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                           | DMA, POR, PWM, WDT                                                                 | Packaging                        | Tray                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                        | 176-LQFP                                                                           | Other Names                      | R5S72625W144FPU0                            |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                       | External                                                                           | Operating Temperature            | -20°C ~ 85°C (TA)                           |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                         | 89                                                                                 | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                               |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                        | Lead free / RoHS Compliant                                                         | EEPROM Size                      | -                                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                  | SH2A-FPU SuperH® SH7260 Microcontroller IC 32-Bit 144MHz ROMless 176-LFQFP (24x24) | Data Converters                  | A/D 4x10b                                   |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                             | 32-Bit                                                                             | Core Processor                   | SH2A-FPU                                    |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                          | CANbus, I²C, SCI, SD, SIO, SPI, USB                                                | Base Part Number                 | R5S72625                                    |
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