

R5F64110DFB#U0



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**Part Number:** R5F64110DFB#U0

**Manufacturer:** Renesas Electronics America

**Description:** IC MCU 32BIT 256KB FLASH 100QFP

**Data sheet:**  [R32C/111 Datasheet](#)  
 [R32C/111 Hardware Manual](#)

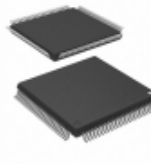
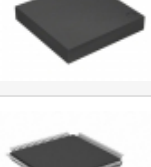
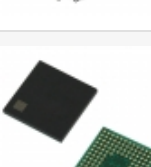
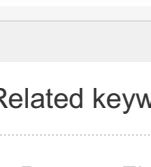
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                       |                                  |                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | R5F64110DFB#U0                                                                                        | Manufacturer                     | <a href="#">Renesas Electronics America</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC MCU 32BIT 256KB FLASH 100QFP                                                                       | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8252 pcs                                                                                              | Data sheet                       | <a href="#">R32C/111 Datasheet</a><br><a href="#">R32C/111 Hardware Manual</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a>                                                             | Voltage - Supply (Vcc/Vdd)       | 3 V ~ 5.5 V                                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 100-LQFP (14x14)                                                                                      | Speed                            | 50MHz                                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | M16C/R32C/100/111                                                                                     | RAM Size                         | 63K x 8                                                                        |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                               | FLASH                                                                                                 | Program Memory Size              | 256KB (256K x 8)                                                               |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | DMA, LVD, PWM, WDT                                                                                    | Packaging                        | Tray                                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 100-LQFP                                                                                              | Other Names                      | R5F64110DFBU0                                                                  |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Internal                                                                                              | Operating Temperature            | -40°C ~ 85°C (TA)                                                              |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 82                                                                                                    | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS Compliant                                                                            | EEPROM Size                      | -                                                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                              | R32C/100 M16C/R32C/100/111 Microcontroller IC 16/32-Bit 50MHz 256KB (256K x 8) FLASH 100-LQFP (14x14) | Data Converters                  | A/D 26x10b; D/A 2x8b                                                           |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 16/32-Bit                                                                                             | Core Processor                   | R32C/100                                                                       |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | EBI/EMI, I <sup>2</sup> C, IEBus, UART/USART                                                          | Base Part Number                 | R5F64110                                                                       |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Renesas Electronics America series electronic components. We have 8252 pieces of Renesas Electronics America R5F64110DFB#U0 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                                       |                                  |                                                                                |

| RELATED PRODUCTS                                                                   |                                                                                         |                                                            |                     |
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|  | Part#: <a href="#">R5F61668RN50FPV</a><br>Description: IC MCU 32BIT 1MB FLASH 144LQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F61668RD50FPV</a><br>Description: IC MCU 32BIT 1MB FLASH 144LQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F64115DFB#U0</a><br>Description: IC MCU 32BIT 384KB FLASH 100QFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">R5F6411EDFN#UA</a><br>Description: IC MCU 32BIT 128KB FLASH 64LQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F64114DFB#U0</a><br>Description: IC MCU 32BIT 256KB FLASH 100QFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F61665ZN50FPV</a><br>Description: IC MCU 32BIT 512KB FLASH 144QFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F61668RD50BGV</a><br>Description: IC MCU 32BIT 1MB FLASH 176LFBGA  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F64112DFB#U0</a><br>Description: IC MCU 32BIT 512KB FLASH 100QFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F64114DFB#UA</a><br>Description: IC MCU 32BIT 256KB FLASH 100QFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F61668MN50BGV</a><br>Description: IC MCU 32BIT 1MB FLASH 176LFBGA  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F64111NLG#U0</a><br>Description: IC MCU 32BIT 384KB FLASH 100LGA   | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F64116DFB#U0</a><br>Description: IC MCU 32BIT 512KB FLASH 100LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F61665N50FPV</a><br>Description: IC MCU 32BIT 512KB FLASH 144QFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F61665MZN50FPV</a><br>Description: IC MCU 32BIT 512KB FLASH 144QFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F64112NLG#U0</a><br>Description: IC MCU 32BIT 512KB FLASH 100LGA   | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F61668MZN50FPV</a><br>Description: IC MCU 32BIT 1MB FLASH 144LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F64111DFB#U0</a><br>Description: IC MCU 32BIT 384KB FLASH 100QFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F61668RZN50FPV</a><br>Description: IC MCU 32BIT 1MB FLASH 144LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">R5F61665N50LGV</a><br>Description: IC MCU 32BIT 512KB FLASH 145LGA   | Manufacturers: <a href="#">Renesas Electronics America</a> | <a href="#">RFQ</a> |

Related keywords for R5F64110DFB#U0

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