



Renesas Electronics America



Image may be representation. See specifications for product details.

R5F52106BDFB#30

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F52106BDFB#30                                                                                              |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 32BIT 256KB FLASH 144QFP                                                                              |
| Datasheets:         |  1.R5F52106BDFB#30.pdf      |
|                     |  2.R5F52106BDFB#30.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 14181 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

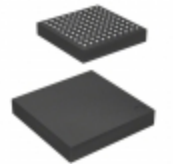
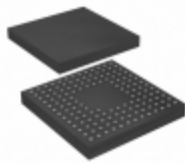
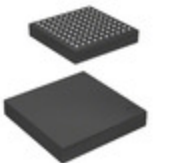
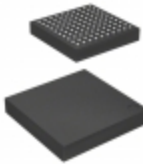
Specifications of R5F52106BDFB#30

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F52106BDFB#30                                                                                           |
| MANUFACTURER                     | Renesas Electronics America                                                                               |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 144QFP                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| QUANTITY AVAILABLE               | 14181 pcs                                                                                                 |
| DATA SHEET                       |  1.R5F52106BDFB#30.pdf |
|                                  |  2.R5F52106BDFB#30.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.62 V ~ 5.5 V                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 144-LFQFP (20x20)                                                                                         |
| SPEED                            | 50MHz                                                                                                     |
| SERIES                           | RX200                                                                                                     |
| RAM SIZE                         | 32K x 8                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                     |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                          |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                   |
| PACKAGING                        | Tray                                                                                                      |
| PACKAGE / CASE                   | 144-LQFP                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                         |
| NUMBER OF I/O                    | 122                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| EEPROM SIZE                      | 8K x 8                                                                                                    |
| DETAILED DESCRIPTION             | RX RX200 Microcontroller IC 32-Bit 50MHz 256KB (256K x 8) FLASH 144-LFQFP (20x20)                         |
| DATA CONVERTERS                  | A/D 16x12b; D/A 2x10b                                                                                     |
| CORE SIZE                        | 32-Bit                                                                                                    |
| CORE PROCESSOR                   | RX                                                                                                        |
| CONNECTIVITY                     | EBI/EMI, I²C, SCI, SPI                                                                                    |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| Renesas Electronics America R5F52106BDFB#30 | R5F52106BDFB#30 Distributor             | R5F52106BDFB#30 Supplier                        |
| R5F52106BDFB#30 Price                       | R5F52106BDFB#30 Pictures                | R5F52106BDFB#30 Image                           |
| R5F52106BDFB#30 PDF Datasheet               | R5F52106BDFB#30 Download Datasheet      | R5F52106BDFB#30 Datasheet                       |
| R5F52106BDFB#30 Stock                       | Buy R5F52106BDFB#30                     | Buy Renesas Electronics America R5F52106BDFB#30 |
| Renesas Electronics America R5F52106BDFB#30 | Renesas Electronics America Supplier    | Renesas Electronics America Distributor         |
| Renesas Electronics America R5F52106BDFB#30 | Renesas Technology Corp R5F52106BDFB#30 | Renesas R5F52106BDFB#30                         |

Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                              |
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| <div></div> <div><b>R5F52106BDBM#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 69WFBGA<br/>In stock: 12873 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>R5F52106BDFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 100QFP<br/>In stock: 10644 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>R5F52106BDFM#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 64LFQFP<br/>In stock: 10457 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>R5F52106BDFL#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 48LFQFP<br/>In stock: 12397 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>R5F52105BDFN#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br/>In stock: 11879 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>R5F52106BDLA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 100LGA<br/>In stock: 17219 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>R5F52106BDFF#V0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 80LQFP<br/>In stock: 16934 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>R5F52106BDFN#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 80LQFP<br/>In stock: 10506 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>R5F52105BDLK#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 128KB FLASH 145LGA<br/>In stock: 13446 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>R5F52105BDLJ#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 128KB FLASH 100LGA<br/>In stock: 16959 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>R5F52105BDLA#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 128KB FLASH 100LGA<br/>In stock: 17438 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>R5F52105BDFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 128KB FLASH 100QFP<br/>In stock: 13710 pcs<br/><div>RFQ</div></div>  |