

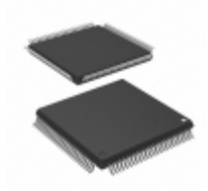
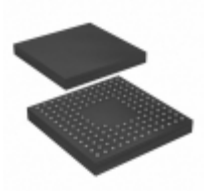
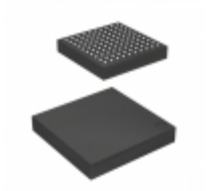
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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><div>Not Actual Photo<br/>YIC International Co., Limited.</div></div> | <div>R5F52106BDFB#30</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                                                                                                                                         | <div><div>Manufacturer Part Number:</div><div>R5F52106BDFB#30</div></div> <div><div>Manufacturer/Brand:</div><div>Renesas Electronics America</div></div> <div><div>Part of Description:</div><div>IC MCU 32BIT 256KB FLASH 144QFP</div></div> <div><div>Datasheets:</div><div><div>1.R5F52106BDFB#30.pdf</div><div>2.R5F52106BDFB#30.pdf</div></div></div> <div><div>RoHs Status:</div><div>Lead free / RoHS</div></div> <div><div>Stock Condition:</div><div><div>Compliant</div><div>New original, 2638 pcs Stock Available.</div></div></div> <div><div>Ship From:</div><div>Hong Kong</div></div> <div><div>Shipment Way:</div><div>DHL/Fedex/TNT/UPS/EMS</div></div> |

Specifications

|                            |                                                         |
|----------------------------|---------------------------------------------------------|
| Part Number                | R5F52106BDFB#30                                         |
| Manufacturer               | Renesas Electronics America                             |
| Description                | IC MCU 32BIT 256KB FLASH 144QFP                         |
| Category                   | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                | 2638 pcs Stock                                          |
| 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                                                     |
| EEPROM Size                | 8K x 8                                                  |
| Data Converters            | A/D 16x12b; D/A 2x10b                                   |
| Core Size                  | 32-Bit                                                  |
| Core Processor             | RX                                                      |
| Connectivity               | EBI/EMI, I²C, SCI, SPI                                  |

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In:

|                                                                                                                                                                                                                      |                                                                                                                                                                                                                       |                                                                                                                                                                                                                        |                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><div>R5F52106BDFM</div><div>Renesas Electronics America</div><div>R5F52106BDFM RENESAS</div></div>               | <div></div> <div><div>R5F52106BDFM#30</div><div>Renesas Electronics America</div><div>IC MCU 32BIT 256KB FLASH 64LFQFP</div></div> | <div></div> <div><div>R5F52106BDFL#30</div><div>Renesas Electronics America</div><div>IC MCU 32BIT 256KB FLASH 48LFQFP</div></div> | <div></div> <div><div>R5F52106BDF#V0</div><div>Renesas Electronics America</div><div>IC MCU 32BIT 256KB FLASH 80LQFP</div></div>   |
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R5F52106BDFB#30 Related keyword

More

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| R5F52106BDFB#30 Electronic                  | R5F52106BDFB#30 Components   | R5F52106BDFB#30 Distributor | R5F52106BDFB#30 Image | R5F52106BDFB#30 Part                        |
| R5F52106BDFB#30 Price                       | R5F52106BDFB#30 Manufacturer | R5F52106BDFB#30 Picture     | R5F52106BDFB#30 Stock | R5F52106BDFB#30 Inventory                   |
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