

R5F52318ADFM#30

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | R5F52318ADFM#30                                                                                              |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 32BIT 512KB FLASH 64LFQFP                                                                             |
| Datasheets:         |  1.R5F52318ADFM#30.pdf      |
|                     |  2.R5F52318ADFM#30.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 12281 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

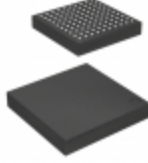
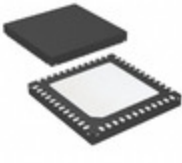
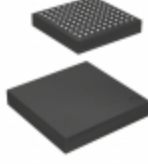
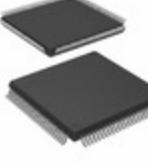
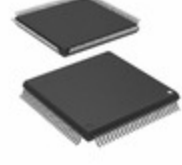
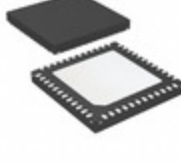
Specifications of R5F52318ADFM#30

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | R5F52318ADFM#30                                                                                           |
| MANUFACTURER                     | Renesas Electronics America                                                                               |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 64LFQFP                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| QUANTITY AVAILABLE               | 12281 pcs                                                                                                 |
| DATA SHEET                       |  1.R5F52318ADFM#30.pdf |
|                                  |  2.R5F52318ADFM#30.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 5.5 V                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 64-LFQFP (10x10)                                                                                          |
| SPEED                            | 54MHz                                                                                                     |
| SERIES                           | RX200                                                                                                     |
| RAM SIZE                         | 64K x 8                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                     |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                          |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                                                   |
| PACKAGING                        | Tray                                                                                                      |
| PACKAGE / CASE                   | 64-LQFP                                                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                         |
| NUMBER OF I/O                    | 43                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| EEPROM SIZE                      | 8K x 8                                                                                                    |
| DETAILED DESCRIPTION             | RXv2 RX200 Microcontroller IC 32-Bit 54MHz 512KB (512K x 8) FLASH 64-LFQFP (10x10)                        |
| DATA CONVERTERS                  | A/D 12x12b, D/A 2x12b                                                                                     |
| CORE SIZE                        | 32-Bit                                                                                                    |
| CORE PROCESSOR                   | RXv2                                                                                                      |
| CONNECTIVITY                     | CANbus, I²C, IrDA, SCI, SD/SDIO, SPI, SSI, USB OTG                                                        |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| Renesas Electronics America R5F52318ADFM#30 | R5F52318ADFM#30 Distributor             | R5F52318ADFM#30 Supplier                        |
| R5F52318ADFM#30 Price                       | R5F52318ADFM#30 Pictures                | R5F52318ADFM#30 Image                           |
| R5F52318ADFM#30 PDF Datasheet               | R5F52318ADFM#30 Download Datasheet      | R5F52318ADFM#30 Datasheet                       |
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| Renesas Electronics America R5F52318ADFM#30 | Renesas Electronics America Supplier    | Renesas Electronics America Distributor         |
| Renesas Electronics America R5F52318ADFM#30 | Renesas Technology Corp R5F52318ADFM#30 | Renesas R5F52318ADFM#30                         |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |
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|  <div><b>R5F52318ADLA#20</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 100TLGA<br/>In stock: 13158 pcs<br/><div>RFQ</div></div> |  <div><b>R5F52317BDNE#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 48WQFN<br/>In stock: 4282 pcs<br/><div>RFQ</div></div>   |
|  <div><b>R5F52317BDLA#20</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 100TLGA<br/>In stock: 5305 pcs<br/><div>RFQ</div></div>  |  <div><b>R5F52318ADFL#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 48LFQFP<br/>In stock: 13370 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F52318ADFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 100QFP<br/>In stock: 10730 pcs<br/><div>RFQ</div></div>  |  <div><b>R5F52317BDFP#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 100LQFP<br/>In stock: 6066 pcs<br/><div>RFQ</div></div>  |
|  <div><b>R5F52318BDFL#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 48LQFP<br/>In stock: 6601 pcs<br/><div>RFQ</div></div>   |  <div><b>R5F52318ADND#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 64HWQFN<br/>In stock: 18039 pcs<br/><div>RFQ</div></div> |
|  <div><b>R5F52317BDFM#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 64LQFP<br/>In stock: 4031 pcs<br/><div>RFQ</div></div>   |  <div><b>R5F52317BDND#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 384KB FLASH 64HWQFN<br/>In stock: 5007 pcs<br/><div>RFQ</div></div>  |
|  <div><b>R5F52318ADNE#U0</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 48HWQFN<br/>In stock: 11595 pcs<br/><div>RFQ</div></div> |  <div><b>R5F52318BDFM#30</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 512KB FLASH 64LQFP<br/>In stock: 6910 pcs<br/><div>RFQ</div></div>   |