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|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | <div><div>R5F52105BDFM#30</div></div>                                                                                                                                                                                                                                          |
|  | <div><div>Manufacturer Part Number:</div><div>R5F52105BDFM#30</div></div>                                                                                                                                                                                                      |
|                                                                                   | <div><div>Manufacturer/Brand:</div><div>Renesas Electronics America</div></div>                                                                                                                                                                                                |
|                                                                                   | <div><div>Part of Description:</div><div>IC MCU 32BIT 128KB FLASH 64LFQFP</div></div>                                                                                                                                                                                          |
|                                                                                   | <div><div>Datasheets:</div><div><div>1.R5F52105BDFM#30.pdf</div><div>2.R5F52105BDFM#30.pdf</div></div></div> |
|                                                                                   | <div><div>RoHs Status:</div><div>Lead free / RoHS</div></div>                                                                                                                                 |
|                                                                                   | <div><div>Stock Condition:</div><div>Compliant<br/>New original, 5382 pcs Stock Available.</div></div>                                                                                                                                                                         |
|                                                                                   | <div><div>Ship From:</div><div>Hong Kong</div></div>                                                                                                                                                                                                                           |
| <div>Image may be representation.<br/>See specs for product details.</div>        | <div><div>Shipment Way:</div><div>DHL/Fedex/TNT/UPS/EMS</div></div>                                                                                                                                                                                                            |

| Specifications             |                                                         |
|----------------------------|---------------------------------------------------------|
| Part Number                | R5F52105BDFM#30                                         |
| Manufacturer               | Renesas Electronics America                             |
| Description                | IC MCU 32BIT 128KB FLASH 64LFQFP                        |
| Category                   | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                | 5382 pcs Stock                                          |
| Voltage - Supply (Vcc/Vdd) | 1.62 V ~ 5.5 V                                          |
| Supplier Device Package    | 64-LFQFP (10x10)                                        |
| Speed                      | 50MHz                                                   |
| Series                     | RX200                                                   |
| RAM Size                   | 20K x 8                                                 |
| Program Memory Type        | FLASH                                                   |
| Program Memory Size        | 128KB (128K 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              | 48                                                      |
| EEPROM Size                | 8K x 8                                                  |
| Data Converters            | A/D 12x12b; D/A 2x10b                                   |
| Core Size                  | 32-Bit                                                  |
| Core Processor             | RX                                                      |
| Connectivity               | I²C, SCI, SPI                                           |
|                            |                                                         |

You May Be Also Be interested

|                                                                                                                                                                                                                                                |                                                                                                                                                                              |                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>In:</div> <div></div> <div><div>R5F52105BDFL#30</div><div>Renesas Electronics America</div><div>IC MCU 32BIT 128KB FLASH</div><div>48LFQFP</div></div> | <div></div> <div><div>R5F52105BDFM IC</div><div>RENESAS</div><div>RENESAS QFP</div></div> | <div></div> <div><div>R5F52105BDFP#30</div><div>Renesas Electronics America</div><div>IC MCU 32BIT 128KB FLASH</div><div>100QFP</div></div> | <div></div> <div><div>R5F52105BDFB#30</div><div>Renesas Electronics America</div><div>IC MCU 32BIT 128KB FLASH</div><div>144QFP</div></div> |
| <div></div> <div><div>R5F52105BDFN#V0</div><div>RENESAS</div><div>RENESAS QFP</div></div>                                                                   | <div></div> <div><div>R5F52105BDFM</div><div>RENESAS</div><div>RENESAS New</div></div>    | <div></div> <div><div>R5F52105BDFP</div><div>RENESAS</div><div>RENESAS NA</div></div>                                                       | <div></div> <div><div>R5F52105ADFM</div><div>RENESAS</div><div>RENESAS/ New</div></div>                                                     |

| R5F52105BDFM#30 Related keyword             |                              |                             |                       |                              | More            |
|---------------------------------------------|------------------------------|-----------------------------|-----------------------|------------------------------|-----------------|
| R5F52105BDFM#30 Renesas Electronics America | R5F52105BDFM#30 Data Sheet   | R5F52105BDFM#30 Datasheets  | R5F52105BDFM#30 PDF   | Renesas Electronics America  | R5F52105BDFM#30 |
| R5F52105BDFM#30 Electronic                  | R5F52105BDFM#30 Components   | R5F52105BDFM#30 Distributor | R5F52105BDFM#30 Image | R5F52105BDFM#30 Part         |                 |
| R5F52105BDFM#30 Price                       | R5F52105BDFM#30 Manufacturer | R5F52105BDFM#30 Picture     | R5F52105BDFM#30 Stock | R5F52105BDFM#30 Inventory    |                 |
| R5F52105BDFM#30 New                         | R5F52105BDFM#30 Original     | R5F52105BDFM#30 Warranted   | R5F52105BDFM#30 RFQ   | R5F52105BDFM#30 Order Online |                 |