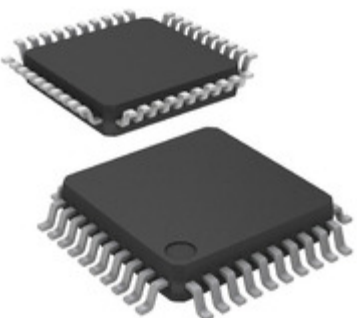


R5F21336TDFP#30



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Part Number: [R5F21336TDFP#30](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 32KB FLASH 32LQFP

Data sheet:  [R8C/33T Datasheet](#)  
 [R8C/33T Hardware Manual](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                |                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | R5F21336TDFP#30                           | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC MCU 16BIT 32KB FLASH 32LQFP            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 22998 pcs                                 | Data sheet                     | <a href="#">R8C/33T Datasheet</a><br><a href="#">R8C/33T Hardware Manual</a>      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 1.8 V ~ 5.5 V                                                                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 32-LQFP (7x7)                             | Speed                          | 20MHz                                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | R8C/3x/33T                                | RAM Size                       | 2.5K x 8                                                                          |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | FLASH                                     | Program Memory Size            | 32KB (32K x 8)                                                                    |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | POR, PWM, Voltage Detect, WDT             | Packaging                      | Tray                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 32-LQFP                                   | Oscillator Type                | Internal                                                                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -40°C ~ 85°C (TA)                         | Number of I/O                  | 27                                                                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                        |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                         | Detailed Description           | R8C R8C/3x/33T Microcontroller IC 16-Bit 20MHz 32KB (32K x 8) FLASH 32-LQFP (7x7) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | A/D 12x10b                                | Core Size                      | 16-Bit                                                                            |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | R8C                                       | Connectivity                   | I <sup>2</sup> C, LINbus, SIO, SSU, UART/USART                                    |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | R5F21336                                  |                                |                                                                                   |
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|  | Part#: <a href="#">R5F21336TNFP#X6</a><br>Description: IC MCU 16BIT 32KB FLASH 32LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F21344CNFP#30</a><br>Description: IC MCU 16BIT 16KB FLASH 48LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F21336TNFP#30</a><br>Description: IC MCU 16BIT 32KB FLASH 32LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F21336CNFP#X6</a><br>Description: IC MCU 16BIT 32KB FLASH 32LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F21344MDFP#30</a><br>Description: IC MCU 16BIT 16KB FLASH 48LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F21336CNFP#30</a><br>Description: IC MCU 16BIT 32KB FLASH 32LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F21344CDFP#50</a><br>Description: IC MCU 16BIT 16KB FLASH 48LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">R5F21336CNFP#50</a><br>Description: IC MCU 16BIT 32KB FLASH 32LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">R5F21336TNFP#50</a><br>Description: IC MCU 16BIT 32KB FLASH 32LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">R5F21336MDFP#V2</a><br>Description: IC MCU 16BIT 32KB FLASH 32LQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
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