



Renesas Electronics America

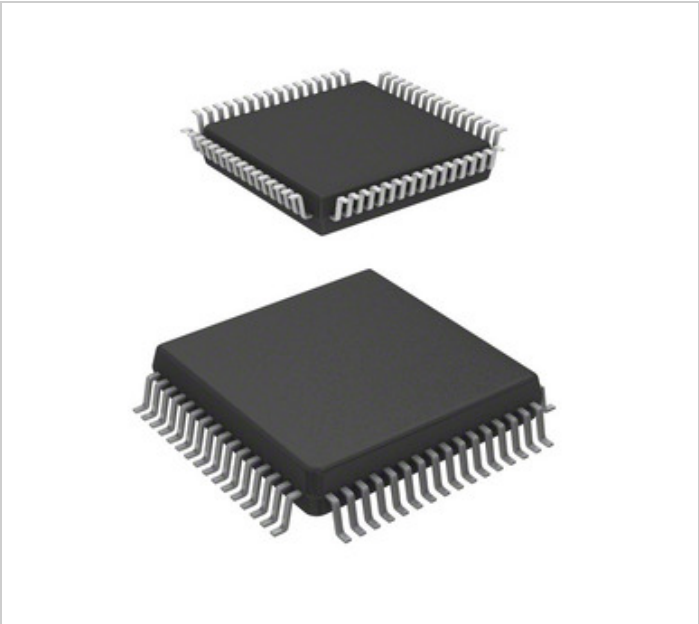


Image may be representation. See specifications for product details.

DF71251AN50FAV

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DF71251AN50FAV                                                                                                       |
| Manufacturer/Brand: | Renesas Electronics America                                                                                          |
| Product description | IC MCU 32BIT 32KB FLASH 64QFP                                                                                        |
| Datasheets:         |  <a href="#">DF71251AN50FAV.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Stock Condition     | 5477 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

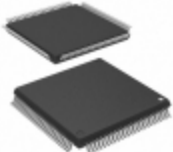
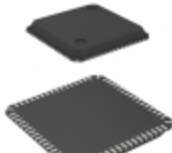
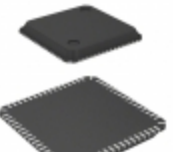
Specifications of DF71251AN50FAV

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DF71251AN50FAV                                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                                            |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 64QFP                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| QUANTITY AVAILABLE               | 5477 pcs                                                                                                               |
| DATA SHEET                       |  <a href="#">DF71251AN50FAV.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4 V ~ 5.5 V                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 64-QFP (14x14)                                                                                                         |
| SPEED                            | 50MHz                                                                                                                  |
| SERIES                           | SuperH® SH Tiny                                                                                                        |
| RAM SIZE                         | 8K x 8                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                  |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                                         |
| PERIPHERALS                      | POR, PWM, WDT                                                                                                          |
| PACKAGING                        | Tray                                                                                                                   |
| PACKAGE / CASE                   | 64-BQFP                                                                                                                |
| OSCILLATOR TYPE                  | External                                                                                                               |
| OPERATING TEMPERATURE            | -20°C ~ 85°C (TA)                                                                                                      |
| NUMBER OF I/O                    | 37                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| EEPROM SIZE                      | -                                                                                                                      |
| DETAILED DESCRIPTION             | SH-2 SuperH® SH Tiny Microcontroller IC 32-Bit 50MHz 32KB (32K x 8) FLASH 64-QFP (14x14)                               |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                              |
| CORE SIZE                        | 32-Bit                                                                                                                 |
| CORE PROCESSOR                   | SH-2                                                                                                                   |
| CONNECTIVITY                     | SCI                                                                                                                    |
| BASE PART NUMBER                 | DF71251                                                                                                                |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America DF71251AN50FAV | DF71251AN50FAV Distributor             | DF71251AN50FAV Supplier                        |
| DF71251AN50FAV Price                       | DF71251AN50FAV Pictures                | DF71251AN50FAV Image                           |
| DF71251AN50FAV PDF Datasheet               | DF71251AN50FAV Download Datasheet      | DF71251AN50FAV Datasheet                       |
| DF71251AN50FAV Stock                       | Buy DF71251AN50FAV                     | Buy Renesas Electronics America DF71251AN50FAV |
| Renesas Electronics America DF71251AN50FAV | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America DF71251AN50FAV | Renesas Technology Corp DF71251AN50FAV | Renesas DF71251AN50FAV                         |

Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>DF71250AN50FPV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 16KB FLASH 64LQFP<br/>In stock: 3859 pcs</div> <div>RFQ</div>  | <div></div> <div><b>DF71323AD80FPV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 128KB FLASH 100QFP<br/>In stock: 6957 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>DF71251AD50FPV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 32KB FLASH 64LQFP<br/>In stock: 4826 pcs</div> <div>RFQ</div>  | <div></div> <div><b>DF71250AN50FAV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 16KB FLASH 64QFP<br/>In stock: 3984 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>DF71251AD50NPV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 32KB FLASH 64VQFN<br/>In stock: 3277 pcs</div> <div>RFQ</div>  | <div></div> <div><b>DF71251AN50FPV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 32KB FLASH 64LQFP<br/>In stock: 5667 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>DF71252D50FAV#Z1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 64KB FLASH 64QFP<br/>In stock: 3206 pcs</div> <div>RFQ</div> | <div></div> <div><b>DF71250AN50NPV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 16KB FLASH 64VQFN<br/>In stock: 3928 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>DF71313AD80FPV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br/>In stock: 3570 pcs</div> <div>RFQ</div> | <div></div> <div><b>DF71251AN50NPV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 32KB FLASH 64VQFN<br/>In stock: 6926 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>DF71314AD80FPV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 80LQFP<br/>In stock: 4580 pcs</div> <div>RFQ</div> | <div></div> <div><b>DF71251AD50FAV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 32KB FLASH 64QFP<br/>In stock: 4238 pcs</div> <div>RFQ</div>   |