

DF2215CUTE24V



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Part Number: [DF2215CUTE24V](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC MCU 16BIT 256KB FLASH 120TQFP

Data sheet:  [H8S/2215 Group Hrdw Manual](#)

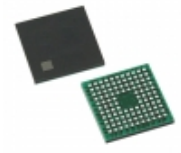
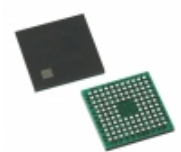
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                 |                                           |                                |                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                       | DF2215CUTE24V                             | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                       | IC MCU 16BIT 256KB FLASH 120TQFP          | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                | 5704 pcs                                  | Data sheet                     | <a href="#">H8S/2215 Group Hrdw Manual</a>                                                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2.7 V ~ 3.6 V                                                                                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                           | 120-TQFP (14x14)                          | Speed                          | 24MHz                                                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                            | H8® H8S/2200                              | RAM Size                       | 16K x 8                                                                                       |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                               | FLASH                                     | Program Memory Size            | 256KB (256K x 8)                                                                              |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                       | DMA, POR, PWM, WDT                        | Packaging                      | Tray                                                                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                    | 120-TQFP                                  | Oscillator Type                | External                                                                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                             | -20°C ~ 75°C (TA)                         | Number of I/O                  | 68                                                                                            |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                  | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                    |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                         | Detailed Description           | H8S/2000 H8® H8S/2200 Microcontroller IC 16-Bit 24MHz 256KB (256K x 8) FLASH 120-TQFP (14x14) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                   | A/D 6x10b; D/A 2x8b                       | Core Size                      | 16-Bit                                                                                        |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                    | H8S/2000                                  | Connectivity                   | SCI, SmartCard, USB                                                                           |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                  | DF2215                                    |                                |                                                                                               |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                            |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------|----------------|
|  | Part#: <a href="#">DF2215RTE24WV</a><br>Description: IC MCU                            | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DF2215RTE24V</a><br>Description: IC MCU 16BIT 256KB FLASH 120TQFP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DF2215BR16V</a><br>Description: IC MCU 16BIT 256KB FLASH 112BGA     | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DF2212CUPFP24V</a><br>Description: IC MCU 16BIT 128KB FLASH 64LQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">DF2215CUTE24WV</a><br>Description: IC MCU                           | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DF2215CUBR24V</a><br>Description: IC MCU 16BIT 256KB FLASH 112BGA   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DF2215RUTE24V</a><br>Description: IC MCU 16BIT 256KB FLASH 120TQFP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DF2212CUNP24V</a><br>Description: IC MCU 16BIT 128KB FLASH 64VQFN   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">DF2215RUTE24WV</a><br>Description: IC MCU 16BIT 256KB FLASH 120TQFP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DF2215TBR24V</a><br>Description: IC MCU                             | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DF2211UFP24V</a><br>Description: IC MCU 16BIT 64KB FLASH 64LQFP     | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">DF2211CUNP24V</a><br>Description: IC MCU 16BIT 64KB FLASH 64VQFN    | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DF2212FP24V</a><br>Description: IC MCU 16BIT 128KB FLASH 64LQFP     | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
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| Related keywords for DF2215CUTE24V        |                                       |                        |                     |
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