



Renesas Electronics America



DF36078GFZV

|                     |                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DF36078GFZV                                                                                                       |
| Manufacturer/Brand: | Renesas Electronics America                                                                                       |
| Product description | IC MCU 16BIT 96KB FLASH 64LFQFP                                                                                   |
| Datasheets:         |  <a href="#">DF36078GFZV.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant      |
| Stock Condition     | 7090 pcs stock                                                                                                    |
| Ship From           | Hong Kong                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                             |

REQUEST FOR QUOTATION

Specifications of DF36078GFZV

|                                  |                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DF36078GFZV                                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                                         |
| DESCRIPTION                      | IC MCU 16BIT 96KB FLASH 64LFQFP                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| QUANTITY AVAILABLE               | 7090 pcs                                                                                                            |
| DATA SHEET                       |  <a href="#">DF36078GFZV.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.5 V                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 64-LFQFP (10x10)                                                                                                    |
| SPEED                            | 20MHz                                                                                                               |
| SERIES                           | H8® H8/300H Tiny                                                                                                    |
| RAM SIZE                         | 6K x 8                                                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                               |
| PROGRAM MEMORY SIZE              | 96KB (96K x 8)                                                                                                      |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                                                  |
| PACKAGING                        | Tray                                                                                                                |
| PACKAGE / CASE                   | 64-LQFP                                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                                            |
| OPERATING TEMPERATURE            | -20°C ~ 75°C (TA)                                                                                                   |
| NUMBER OF I/O                    | 47                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| EEPROM SIZE                      | -                                                                                                                   |
| DETAILED DESCRIPTION             | H8/300H H8® H8/300H Tiny Microcontroller IC 16-Bit 20MHz 96KB (96K x 8) FLASH 64-LFQFP (10x10)                      |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                           |
| CORE SIZE                        | 16-Bit                                                                                                              |
| CORE PROCESSOR                   | H8/300H                                                                                                             |
| CONNECTIVITY                     | I²C, SCI                                                                                                            |
| BASE PART NUMBER                 | DF36078                                                                                                             |

Related Tags

|                                         |                                      |                                             |
|-----------------------------------------|--------------------------------------|---------------------------------------------|
| Renesas Electronics America DF36078GFZV | DF36078GFZV Distributor              | DF36078GFZV Supplier                        |
| DF36078GFZV Price                       | DF36078GFZV Pictures                 | DF36078GFZV Image                           |
| DF36078GFZV PDF Datasheet               | DF36078GFZV Download Datasheet       | DF36078GFZV Datasheet                       |
| DF36078GFZV Stock                       | Buy DF36078GFZV                      | Buy Renesas Electronics America DF36078GFZV |
| Renesas Electronics America DF36078GFZV | Renesas Electronics America Supplier | Renesas Electronics America Distributor     |
| Renesas Electronics America DF36078GFZV | Renesas Technology Corp DF36078GFZV  | Renesas DF36078GFZV                         |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                         |
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| <div></div> <div><b>DF36077LHV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 56KB FLASH 64QFP<br/>In stock: 3053 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>DF36078LHV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU<br/>In stock: 5191 pcs<br/><div>RFQ</div></div>                            |
| <div></div> <div><b>DF36078GFZV#Y1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU<br/>In stock: 3892 pcs<br/><div>RFQ</div></div>                     | <div></div> <div><b>DF36079GFZV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 128KB FLASH 64LFQFP<br/>In stock: 7879 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>DF36077LFZWV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU<br/>In stock: 6726 pcs<br/><div>RFQ</div></div>                       | <div></div> <div><b>DF36078GHV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU<br/>In stock: 6153 pcs<br/><div>RFQ</div></div>                            |
| <div></div> <div><b>DF36077GHWV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 56KB FLASH 64QFP<br/>In stock: 9138 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>DF36078LFZV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU<br/>In stock: 5731 pcs<br/><div>RFQ</div></div>                           |
| <div></div> <div><b>DF36077GHV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 56KB FLASH 64QFP<br/>In stock: 9463 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>DF36078GFZWV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU<br/>In stock: 6047 pcs<br/><div>RFQ</div></div>                          |
| <div></div> <div><b>DF36077LHWV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU<br/>In stock: 4182 pcs<br/><div>RFQ</div></div>                        | <div></div> <div><b>DF36077GFZWV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU<br/>In stock: 5105 pcs<br/><div>RFQ</div></div>                          |