

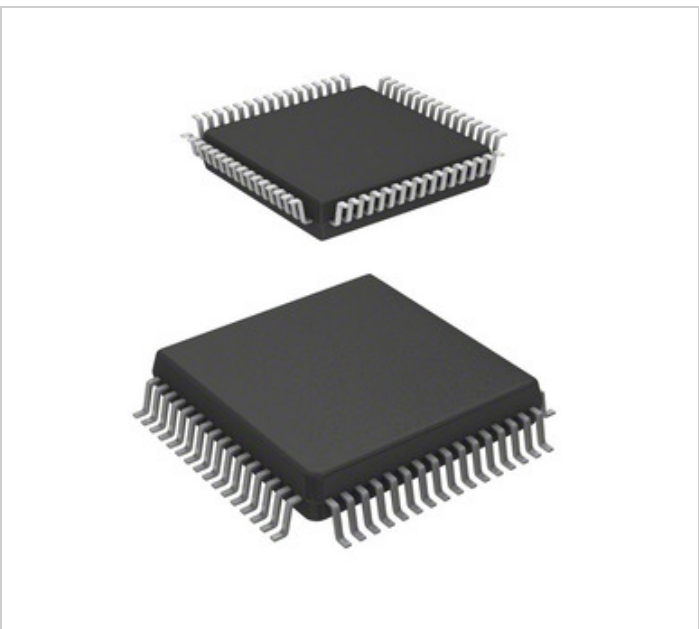


Image may be representation. See specifications for product details.

## DF36077LHV

|                     |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DF36077LHV                                                                                                       |
| Manufacturer/Brand: | Renesas Electronics America                                                                                      |
| Product description | IC MCU 16BIT 56KB FLASH 64QFP                                                                                    |
| Datasheets:         |  <a href="#">DF36077LHV.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant     |
| Stock Condition     | 3053 pcs stock                                                                                                   |
| Ship From           | Hong Kong                                                                                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                            |

REQUEST FOR QUOTATION

### Specifications of DF36077LHV

|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DF36077LHV                                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                                        |
| DESCRIPTION                      | IC MCU 16BIT 56KB FLASH 64QFP                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| QUANTITY AVAILABLE               | 3053 pcs                                                                                                           |
| DATA SHEET                       |  <a href="#">DF36077LHV.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 64-QFP (14x14)                                                                                                     |
| SPEED                            | 16MHz                                                                                                              |
| SERIES                           | H8® H8/300H Tiny                                                                                                   |
| RAM SIZE                         | 4K x 8                                                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                              |
| PROGRAM MEMORY SIZE              | 56KB (56K x 8)                                                                                                     |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                                                 |
| PACKAGING                        | Tray                                                                                                               |
| PACKAGE / CASE                   | 64-BQFP                                                                                                            |
| 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 16MHz 56KB (56K x 8) FLASH 64-QFP (14x14)                       |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                          |
| CORE SIZE                        | 16-Bit                                                                                                             |
| CORE PROCESSOR                   | H8/300H                                                                                                            |
| CONNECTIVITY                     | I²C, SCI                                                                                                           |
| BASE PART NUMBER                 | DF36077                                                                                                            |

### Related Tags

|                                        |                                      |                                            |
|----------------------------------------|--------------------------------------|--------------------------------------------|
| Renesas Electronics America DF36077LHV | DF36077LHV Distributor               | DF36077LHV Supplier                        |
| DF36077LHV Price                       | DF36077LHV Pictures                  | DF36077LHV Image                           |
| DF36077LHV PDF Datasheet               | DF36077LHV Download Datasheet        | DF36077LHV Datasheet                       |
| DF36077LHV Stock                       | Buy DF36077LHV                       | Buy Renesas Electronics America DF36077LHV |
| Renesas Electronics America DF36077LHV | Renesas Electronics America Supplier | Renesas Electronics America Distributor    |
| Renesas Electronics America DF36077LHV | Renesas Technology Corp DF36077LHV   | Renesas DF36077LHV                         |

### Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |
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| <div></div> <div><b>DF36078GFZV#Y1</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU<br/>In stock: 3892 pcs</div> <div>RFQ</div>                      | <div></div> <div><b>DF36077GFZWV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU<br/>In stock: 5105 pcs</div> <div>RFQ</div>                        |
| <div></div> <div><b>DF36078GFZV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 96KB FLASH 64LQFP<br/>In stock: 7090 pcs</div> <div>RFQ</div> | <div></div> <div><b>DF36074LHWV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 64QFP<br/>In stock: 10896 pcs</div> <div>RFQ</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</div> <div>RFQ</div>  | <div></div> <div><b>DF36077LHWV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU<br/>In stock: 4182 pcs</div> <div>RFQ</div>                         |
| <div></div> <div><b>DF36077GFZV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 56KB FLASH 64LQFP<br/>In stock: 4713 pcs</div> <div>RFQ</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</div> <div>RFQ</div>   |
| <div></div> <div><b>DF36078GHV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU<br/>In stock: 6153 pcs</div> <div>RFQ</div>                          | <div></div> <div><b>DF36078LFZV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU<br/>In stock: 5731 pcs</div> <div>RFQ</div>                         |
| <div></div> <div><b>DF36078GFZWV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU<br/>In stock: 6047 pcs</div> <div>RFQ</div>                        | <div></div> <div><b>DF36077LFZWV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU<br/>In stock: 6726 pcs</div> <div>RFQ</div>                        |