



Renesas Electronics America

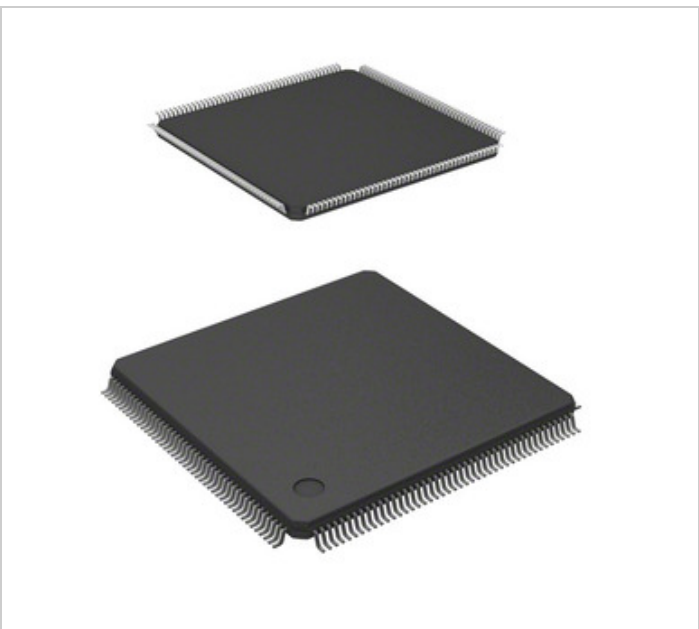


Image may be representation. See specifications for product details.

HD64F7065AF60V

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | HD64F7065AF60V                                                                                                       |
| Manufacturer/Brand: | Renesas Electronics America                                                                                          |
| Product description | IC MCU 32BIT 256KB FLASH 176LQFP                                                                                     |
| Datasheets:         |  <a href="#">HD64F7065AF60V.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Stock Condition     | 1193 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of HD64F7065AF60V

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | HD64F7065AF60V                                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                                            |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 176LQFP                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| QUANTITY AVAILABLE               | 1193 pcs                                                                                                               |
| DATA SHEET                       |  <a href="#">HD64F7065AF60V.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 176-LQFP (24x24)                                                                                                       |
| SPEED                            | 60MHz                                                                                                                  |
| SERIES                           | SuperH® SH7060                                                                                                         |
| RAM SIZE                         | 8K x 8                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                  |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                                       |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                                                     |
| PACKAGING                        | Tray                                                                                                                   |
| PACKAGE / CASE                   | 176-LQFP                                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                                               |
| OPERATING TEMPERATURE            | -20°C ~ 75°C (TA)                                                                                                      |
| NUMBER OF I/O                    | 110                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| EEPROM SIZE                      | -                                                                                                                      |
| DETAILED DESCRIPTION             | SH-2 DSP SuperH® SH7060 Microcontroller IC 32-Bit 60MHz 256KB (256K x 8) FLASH 176-LQFP (24x24)                        |
| DATA CONVERTERS                  | A/D 8x10b; D/A 2x8b                                                                                                    |
| CORE SIZE                        | 32-Bit                                                                                                                 |
| CORE PROCESSOR                   | SH-2 DSP                                                                                                               |
| CONNECTIVITY                     | EBI/EMI, SCI                                                                                                           |
| BASE PART NUMBER                 | HD64F7065                                                                                                              |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America HD64F7065AF60V | HD64F7065AF60V Distributor             | HD64F7065AF60V Supplier                        |
| HD64F7065AF60V Price                       | HD64F7065AF60V Pictures                | HD64F7065AF60V Image                           |
| HD64F7065AF60V PDF Datasheet               | HD64F7065AF60V Download Datasheet      | HD64F7065AF60V Datasheet                       |
| HD64F7065AF60V Stock                       | Buy HD64F7065AF60V                     | Buy Renesas Electronics America HD64F7065AF60V |
| Renesas Electronics America HD64F7065AF60V | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America HD64F7065AF60V | Renesas Technology Corp HD64F7065AF60V | Renesas HD64F7065AF60V                         |

Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                           |
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| <div></div> <div><b>HD64F7046F50V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 80QFP<br/>In stock: 3610 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>HD64F7047FJ40V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 100QFP<br/>In stock: 6143 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>HD64F7145FW50V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 3933 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>HD64F7045FI28V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 144QFP<br/>In stock: 1697 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>HD64F7144F50V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 112QFP<br/>In stock: 5144 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>HD64N3664FPIV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 64LQFP<br/>In stock: 5836 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>HD64N3664FPV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 16BIT 32KB FLASH 64LQFP<br/>In stock: 3506 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>HD64F7047FRK40V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU<br/>In stock: 5408 pcs<br/><div>RFQ</div></div>                         |
| <div></div> <div><b>HD64F7047F50V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 100QFP<br/>In stock: 3771 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>HD64F7145F50V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 3867 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>HD64F7047FW40V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 100QFP<br/>In stock: 5097 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>HD64F7144FW50V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 112QFP<br/>In stock: 5044 pcs<br/><div>RFQ</div></div> |