

HD64F7045FI28V

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | HD64F7045FI28V                                                                                               |
| Manufacturer/Brand: | Renesas Electronics America                                                                                  |
| Product description | IC MCU 32BIT 256KB FLASH 144QFP                                                                              |
| Datasheets:         |  HD64F7045FI28V.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 1697 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of HD64F7045FI28V

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | HD64F7045FI28V                                                                                         |
| MANUFACTURER                     | Renesas Electronics America                                                                            |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 144QFP                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 1697 pcs                                                                                               |
| DATA SHEET                       |  HD64F7045FI28V.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.5 V                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 144-QFP (20x20)                                                                                        |
| SPEED                            | 28.7MHz                                                                                                |
| SERIES                           | SuperH® SH7040                                                                                         |
| RAM SIZE                         | 4K x 8                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                  |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                       |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                                     |
| PACKAGING                        | Tray                                                                                                   |
| PACKAGE / CASE                   | 144-BFQFP                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                               |
| OPERATING TEMPERATURE            | -20°C ~ 75°C (TA)                                                                                      |
| NUMBER OF I/O                    | 98                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| EEPROM SIZE                      | -                                                                                                      |
| DETAILED DESCRIPTION             | SH-2 SuperH® SH7040 Microcontroller IC 32-Bit 28.7MHz 256KB (256K x 8) FLASH 144-QFP (20x20)           |
| DATA CONVERTERS                  | A/D 8x10b                                                                                              |
| CORE SIZE                        | 32-Bit                                                                                                 |
| CORE PROCESSOR                   | SH-2                                                                                                   |
| CONNECTIVITY                     | EBI/EMI, SCI                                                                                           |
| BASE PART NUMBER                 | HD64F7045                                                                                              |

Related Tags

|                                            |                                        |                                                |
|--------------------------------------------|----------------------------------------|------------------------------------------------|
| Renesas Electronics America HD64F7045FI28V | HD64F7045FI28V Distributor             | HD64F7045FI28V Supplier                        |
| HD64F7045FI28V Price                       | HD64F7045FI28V Pictures                | HD64F7045FI28V Image                           |
| HD64F7045FI28V PDF Datasheet               | HD64F7045FI28V Download Datasheet      | HD64F7045FI28V Datasheet                       |
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| Renesas Electronics America HD64F7045FI28V | Renesas Electronics America Supplier   | Renesas Electronics America Distributor        |
| Renesas Electronics America HD64F7045FI28V | Renesas Technology Corp HD64F7045FI28V | Renesas HD64F7045FI28V                         |

Related Products

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| <div></div> <div><b>HD64F7017F28V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 128KB FLASH 112QFP<br/>In stock: 2765 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>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>HD64F7045F28V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 144QFP<br/>In stock: 6567 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>HD64F7017FI28V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 128KB FLASH 112QFP<br/>In stock: 6959 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>HD64F39087GHV-T</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU<br/>In stock: 6225 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>HD64F7044F28V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 112QFP<br/>In stock: 2506 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>HD64F7065AF60V</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 32BIT 256KB FLASH 176LQFP<br/>In stock: 1193 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>HD64F3857FQV</b><br/>Manufacturers: Renesas Electronics America<br/>Description: IC MCU 8BIT 60KB FLASH 144LQFP<br/>In stock: 6316 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>  |