





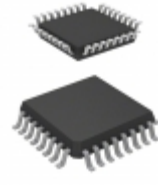




|                                                                                   |                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>S9S08DN32F2CLHR</b></p>                                                                                                                                                                                                                                                                                                                                           |
|                                                                                   | <p><b>Manufacturer Part Number:</b> S9S08DN32F2CLHR</p> <p><b>Manufacturer/Brand:</b> NXP Semiconductors / Freescale</p> <p><b>Part of Description:</b> 8-BIT MCU S08 CORE 32KB FLASH</p> <p><b>RoHs Status:</b></p> <p><b>Stock Condition:</b> New original, Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p> |
| <p>Image may be representation. See specs for product details.</p>                |                                                                                                                                                                                                                                                                                                                                                                         |

### Specifications

|                                  |                                                         |
|----------------------------------|---------------------------------------------------------|
| Part Number                      | S9S08DN32F2CLHR                                         |
| Manufacturer                     | NXP Semiconductors / Freescale                          |
| Description                      | 8-BIT MCU S08 CORE 32KB FLASH                           |
| Category                         | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                      | Require For Quote & Check Stock                         |
| Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 5.5 V                                           |
| Supplier Device Package          | 64-LQFP (10x10)                                         |
| Speed                            | 40MHz                                                   |
| Series                           | S08                                                     |
| RAM Size                         | 1.5K x 8                                                |
| Program Memory Type              | FLASH                                                   |
| Program Memory Size              | 32KB (32K x 8)                                          |
| Peripherals                      | LVD, POR, PWM, WDT                                      |
| Packaging                        | Tape & Reel (TR)                                        |
| Package / Case                   | 64-LQFP                                                 |
| Other Names                      | 935315079528                                            |
| Oscillator Type                  | Internal                                                |
| Operating Temperature            | -40°C ~ 85°C (TA)                                       |
| Number of I/O                    | 53                                                      |
| Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                           |
| Manufacturer Standard Lead Time  | 12 Weeks                                                |
| EEPROM Size                      | 1K x 8                                                  |
| Detailed Description             | S08 S08 Microcontroller IC 8-Bit 40MHz 32KB (32K x 8)   |
| Data Converters                  | A/D 16x12b                                              |
| Core Size                        | 8-Bit                                                   |
| Core Processor                   | S08                                                     |
| Connectivity                     | I <sup>2</sup> C, LINbus, SCI, SPI                      |

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