

S9S08EL32F1VTLR



Part Number: [S9S08EL32F1VTLR](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: 8-BIT MCU S08 CORE 32KB FLASH

Data sheet:

RoHs Status:

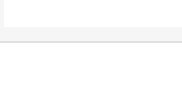
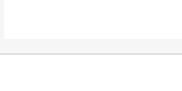
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                  |                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | S9S08EL32F1VTLR                           | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8-BIT MCU S08 CORE 32KB FLASH             | Lead Free Status / RoHS Status   |                                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 29598 pcs                                 | Data sheet                       |                                                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 5.5 V                                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 28-TSSOP                                  | Speed                            | 40MHz                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | S08                                       | RAM Size                         | 1K x 8                                                               |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FLASH                                     | Program Memory Size              | 32KB (32K x 8)                                                       |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | LVD, POR, PWM, WDT                        | Packaging                        | Tape & Reel (TR)                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 28-TSSOP (0.173", 4.40mm Width)           | Other Names                      | 935317597534                                                         |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | External                                  | Operating Temperature            | -40°C ~ 105°C (TA)                                                   |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 22                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                        |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 512 x 8                                   | Detailed Description             | S08 S08 Microcontroller IC 8-Bit 40MHz 32KB (32K x 8) FLASH 28-TSSOP |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A/D 16x10b                                | Core Size                        | 8-Bit                                                                |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | S08                                       | Connectivity                     | I <sup>2</sup> C, LINbus, SCI, SPI                                   |
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|  | Part#: <a href="#">S9S08LG32J0VLH</a><br>Description: IC MCU 8BIT 32KB FLASH 64LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S9S08LG32J0VLF</a><br>Description: IC MCU 8BIT 32KB FLASH 48LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S9S08LG32J0CLKR</a><br>Description: 8-BIT MCU S08 CORE 32KB FLASH  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S9S08LG16J0VLF</a><br>Description: 8-BIT MCU S08 CORE 18KB FLASH   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">S9S08EL32F1CTLR</a><br>Description: 8-BIT MCU S08 CORE 32KB FLASH  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S9S08MP16E2MLFR</a><br>Description: 8-BIT MCU S08 CORE 16KB FLASH  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S9S08MP16E2MLF</a><br>Description: IC MCU 8BIT 16KB FLASH 48LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S9S08LG16J0CLH</a><br>Description: IC MCU 8BIT 18KB FLASH 64LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S9S08EL16F1MTL</a><br>Description: 8-BIT MCU S08 CORE 16KB FLASH   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">S9S08EL32F1MTL</a><br>Description: IC MCU 8BIT 32KB FLASH 28TSSOP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S9S08LG32J0VLK</a><br>Description: IC MCU 8BIT 32KB FLASH 80LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S9S08EL32F1MTLR</a><br>Description: 8-BIT MCU S08 CORE 32KB FLASH  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S9S08LG32J0CLH</a><br>Description: 8-BIT MCU S08 CORE 32KB FLASH   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S9S08LG32J0CLK</a><br>Description: IC MCU 8BIT 32KB FLASH 80LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |

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