

S9S08SC4E0CTGR

Part Number: [S9S08SC4E0CTGR](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 8BIT 4KB FLASH 16TSSOP

Data sheet: [S9S08SC4E0xTG](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                    |                                  |                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S9S08SC4E0CTGR                                                     | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 8BIT 4KB FLASH 16TSSOP                                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 73943 pcs                                                          | Data sheet                       | <a href="#">S9S08SC4E0xTG</a>                  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                          | Voltage - Supply (Vcc/Vdd)       | 4.5 V ~ 5.5 V                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 16-TSSOP                                                           | Speed                            | 40MHz                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | S08                                                                | RAM Size                         | 256 x 8                                        |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FLASH                                                              | Program Memory Size              | 4KB (4K x 8)                                   |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LVD, POR, PWM, WDT                                                 | Packaging                        | Tape & Reel (TR)                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 16-TSSOP (0.173", 4.40mm Width)                                    | Other Names                      | 935319585534                                   |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Internal                                                           | Operating Temperature            | -40°C ~ 85°C (TA)                              |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 12                                                                 | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                                         | EEPROM Size                      | -                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | S08 S08 Microcontroller IC 8-Bit 40MHz 4KB (4K x 8) FLASH 16-TSSOP | Data Converters                  | A/D 8x10b                                      |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8-Bit                                                              | Core Processor                   | S08                                            |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | LINbus, SCI                                                        | Base Part Number                 | S9S08SC4                                       |
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