

NXP Semiconductors / Freescale

FS32K148URT0VLQT

|                     |                                |
|---------------------|--------------------------------|
| Part Number:        | FS32K148URT0VLQT               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | S32K148 144 LQFP               |
| Datasheets:         |                                |
| Stock Condition     | 8670 pcs stock                 |
| Ship From           | Hong Kong                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS          |

REQUEST FOR QUOTATION

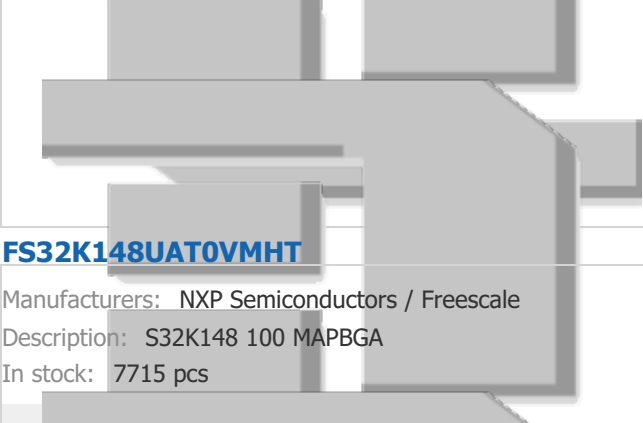
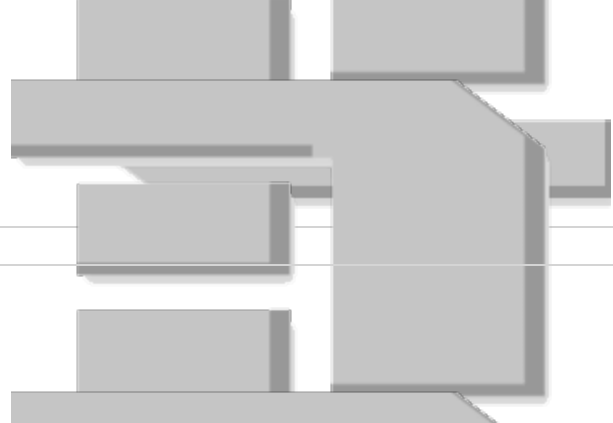
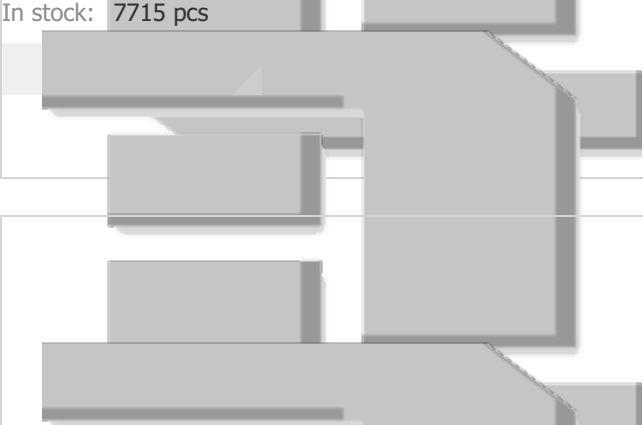
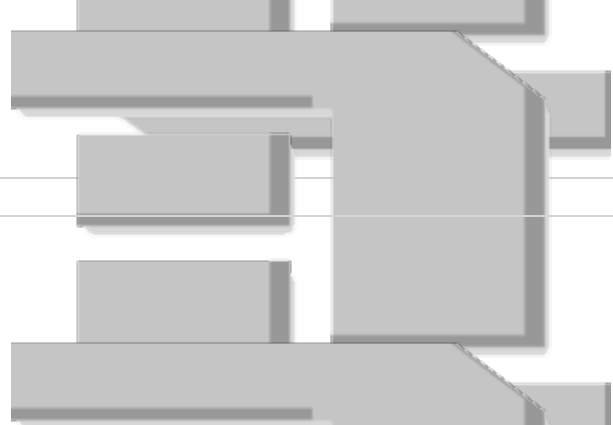
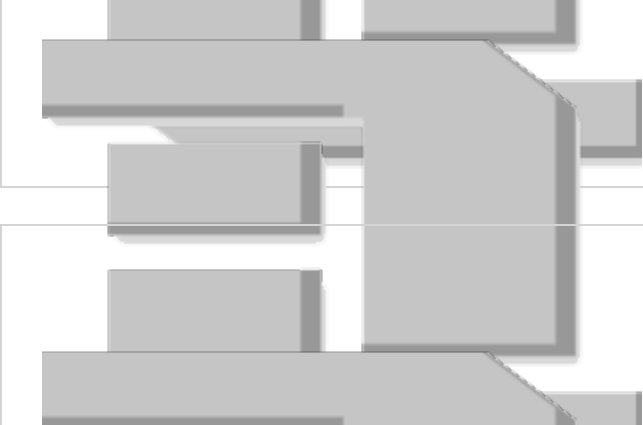
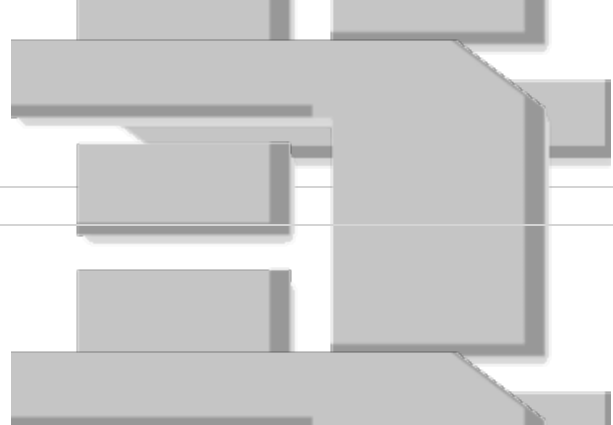
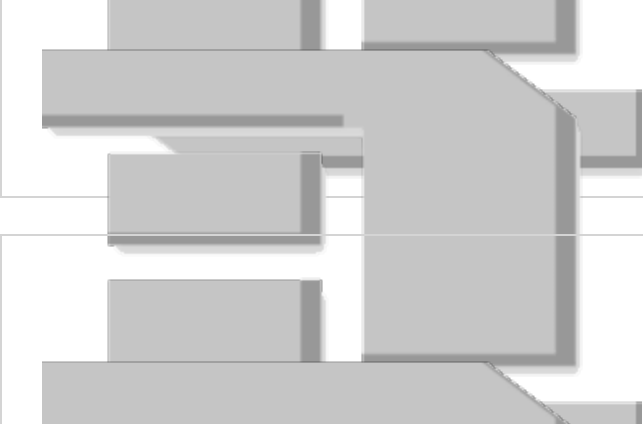
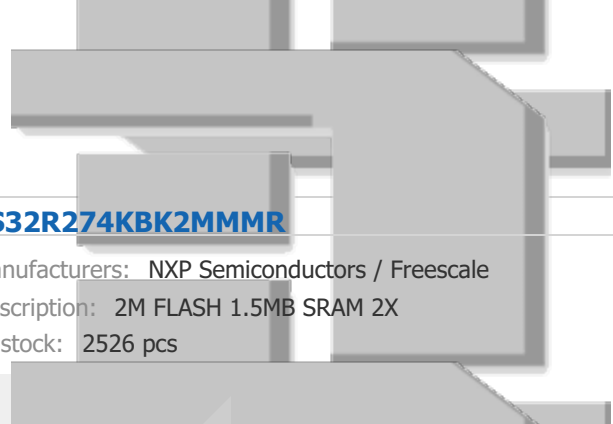
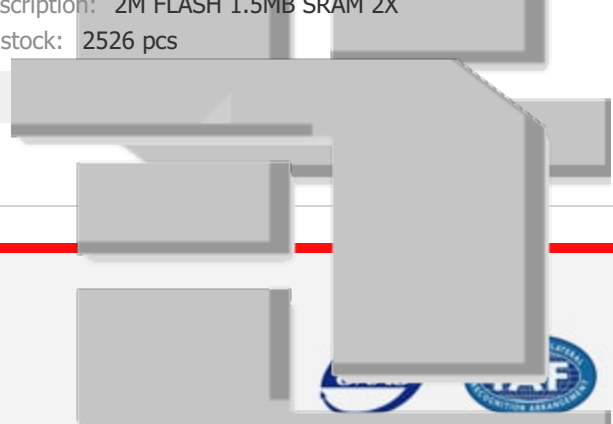
Specifications of FS32K148URT0VLQT

|                                |                                                                                            |
|--------------------------------|--------------------------------------------------------------------------------------------|
| PART NUMBER                    | FS32K148URT0VLQT                                                                           |
| MANUFACTURER                   | NXP Semiconductors / Freescale                                                             |
| DESCRIPTION                    | S32K148 144 LQFP                                                                           |
| LEAD FREE STATUS / ROHS STATUS |                                                                                            |
| QUANTITY AVAILABLE             | 8670 pcs                                                                                   |
| DATA SHEET                     |                                                                                            |
| VOLTAGE - SUPPLY (VCC/VDD)     | 2.7 V ~ 5.5 V                                                                              |
| SUPPLIER DEVICE PACKAGE        | 144-LQFP (20x20)                                                                           |
| SPEED                          | 112MHz                                                                                     |
| SERIES                         | S32K                                                                                       |
| RAM SIZE                       | 256K x 8                                                                                   |
| PROGRAM MEMORY TYPE            | FLASH                                                                                      |
| PROGRAM MEMORY SIZE            | 2MB (2M x 8)                                                                               |
| PERIPHERALS                    | I²S, POR, PWM, WDT                                                                         |
| PACKAGING                      | Tray                                                                                       |
| PACKAGE / CASE                 | 144-LQFP                                                                                   |
| OTHER NAMES                    | 935369393557                                                                               |
| OSCILLATOR TYPE                | Internal                                                                                   |
| OPERATING TEMPERATURE          | -40°C ~ 105°C (TA)                                                                         |
| EEPROM SIZE                    | 4K x 8                                                                                     |
| DETAILED DESCRIPTION           | ARM® Cortex®-M4F S32K Microcontroller IC 32-Bit 112MHz 2MB (2M x 8) FLASH 144-LQFP (20x20) |
| DATA CONVERTERS                | A/D 32x12b, D/A 1x8b                                                                       |
| CORE SIZE                      | 32-Bit                                                                                     |
| CORE PROCESSOR                 | ARM® Cortex®-M4F                                                                           |
| CONNECTIVITY                   | CANbus, Ethernet, FlexIO, I²C, LINbus, SPI, UART/USART                                     |

Related Tags

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| FS32K148URT0VLQT               | FS32K148URT0VLQT Distributor        | FS32K148URT0VLQT Supplier  |
| FS32K148URT0VLQT Price         | FS32K148URT0VLQT Pictures           | FS32K148URT0VLQT Image     |
| FS32K148URT0VLQT PDF Datasheet | FS32K148URT0VLQT Download Datasheet | FS32K148URT0VLQT Datasheet |
| FS32K148URT0VLQT Stock         | Buy FS32K148URT0VLQT                | Buy FS32K148URT0VLQT       |
| FS32K148URT0VLQT               | Supplier                            | Distributor                |

Related Products

|                                                                                                                                                                                                                         |                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>FS32K148UJT0VMHT</b><br>Manufacturers: NXP<br>Description: S32K148 100 MAPBGA<br>In stock: 6671 pcs<br><b>RFQ</b>              | <br><b>FS32K148URT0VLUR</b><br>Manufacturers: NXP<br>Description: S32K148 32-BIT MCU, ARM<br>In stock: 8315 pcs<br><b>RFQ</b>              |
| <br><b>FS32K148UAT0VMHT</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: S32K148 100 MAPBGA<br>In stock: 7715 pcs | <br><b>FS32K148UJT0VLUT</b><br>Manufacturers: NXP<br>Description: S32K148 176 LQFP<br>In stock: 4488 pcs<br><b>RFQ</b>                     |
| <br><b>FS32R274KKBK2VMM</b><br>Manufacturers: NXP<br>Description: 2M FLASH 1.5MB SRAM 2X<br>In stock: 3075 pcs<br><b>RFQ</b>          | <br><b>FS32R274KKBK2MMM</b><br>Manufacturers: NXP<br>Description: 2M FLASH 1.5MB SRAM 2X<br>In stock: 2080 pcs<br><b>RFQ</b>               |
| <br><b>FS32K148UJT0VLQT</b><br>Manufacturers: NXP<br>Description: S32K148 144 LQFP<br>In stock: 6355 pcs<br><b>RFQ</b>                | <br><b>FS32K148URT0VLQR</b><br>Manufacturers: NXP<br>Description: S32K148 144 LQFP<br>In stock: 9286 pcs<br><b>RFQ</b>                     |
| <br><b>FS32K148UAT0VLQT</b><br>Manufacturers: NXP<br>Description: S32K148 144 LQFP<br>In stock: 6761 pcs<br><b>RFQ</b>                | <br><b>FS32R274KKBK2MMMR</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: 2M FLASH 1.5MB SRAM 2X<br>In stock: 2526 pcs |
| <br><b>FS32R274KCK2MMM</b><br>Manufacturers: NXP<br>Description: NXP 32 BIT MCU 2M FLASH 1.5MB<br>In stock: 2693 pcs<br><b>RFQ</b>    | <br><b>FS32K148URT0VLUT</b><br>Manufacturers: NXP<br>Description: S32K148 32-BIT MCU, ARM<br>In stock: 7967 pcs<br><b>RFQ</b>              |