

NXP Semiconductors / Freescale

FS32K144HAT0MMHT

|                     |                                |
|---------------------|--------------------------------|
| Part Number:        | FS32K144HAT0MMHT               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | S32K144 32-BIT MCU ARM         |
| Datasheets:         |                                |
| Stock Condition     | 7738 pcs stock                 |
| Ship From           | Hong Kong                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS          |

REQUEST FOR QUOTATION

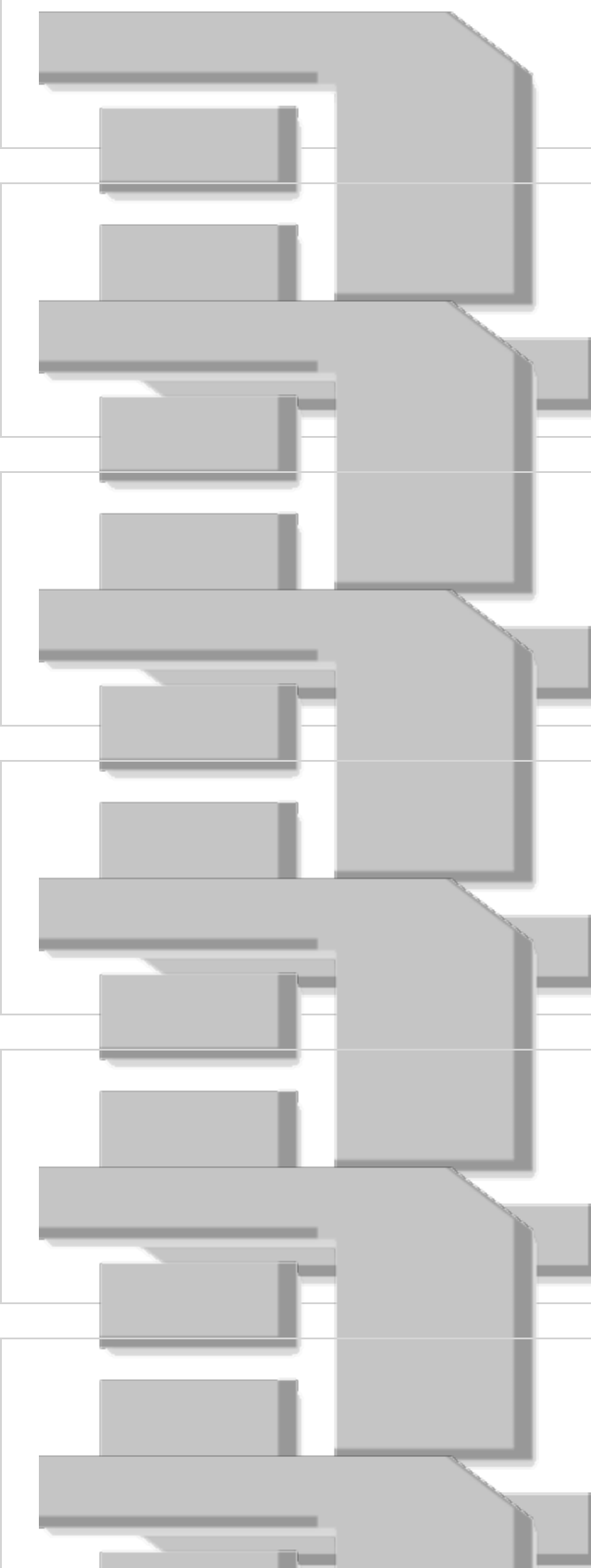
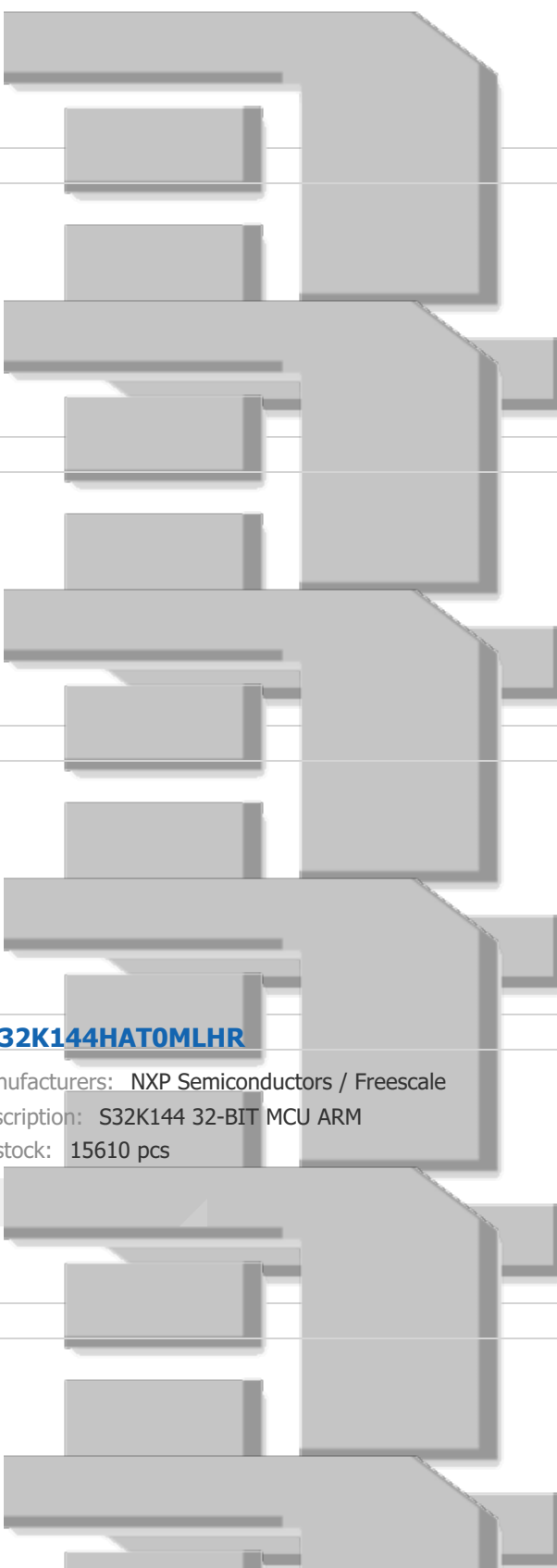
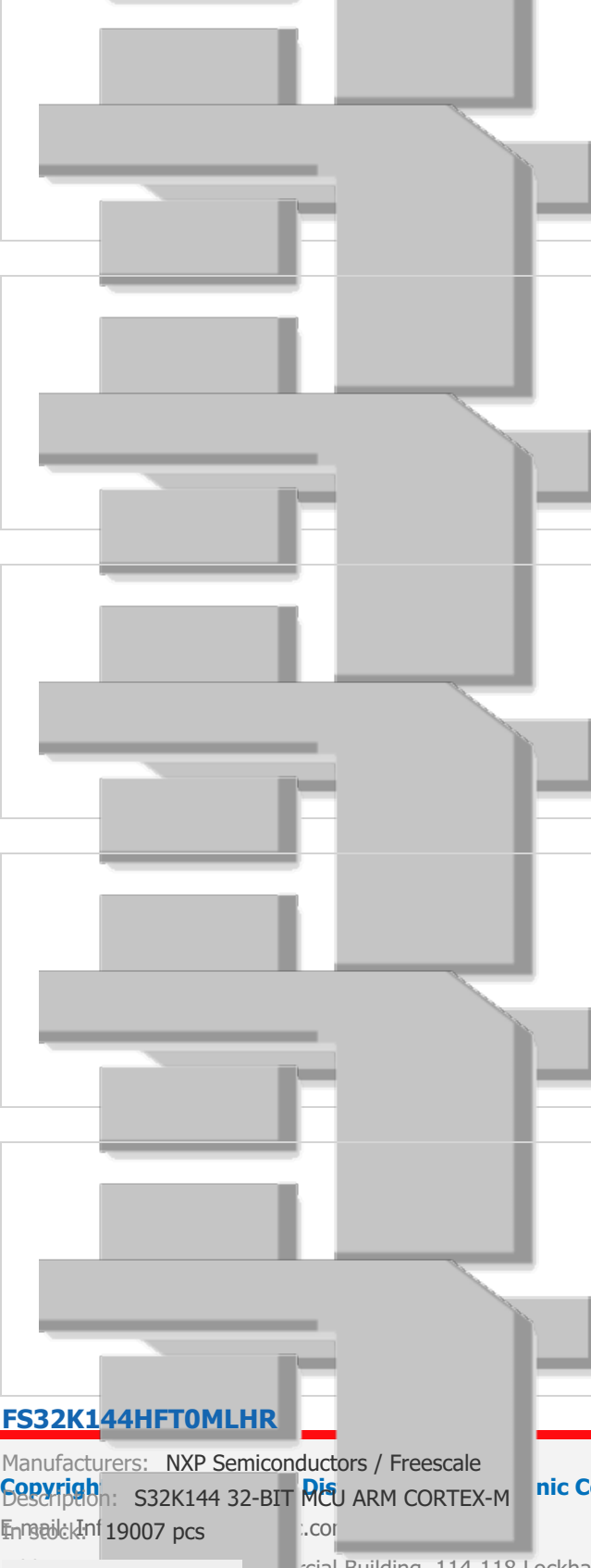
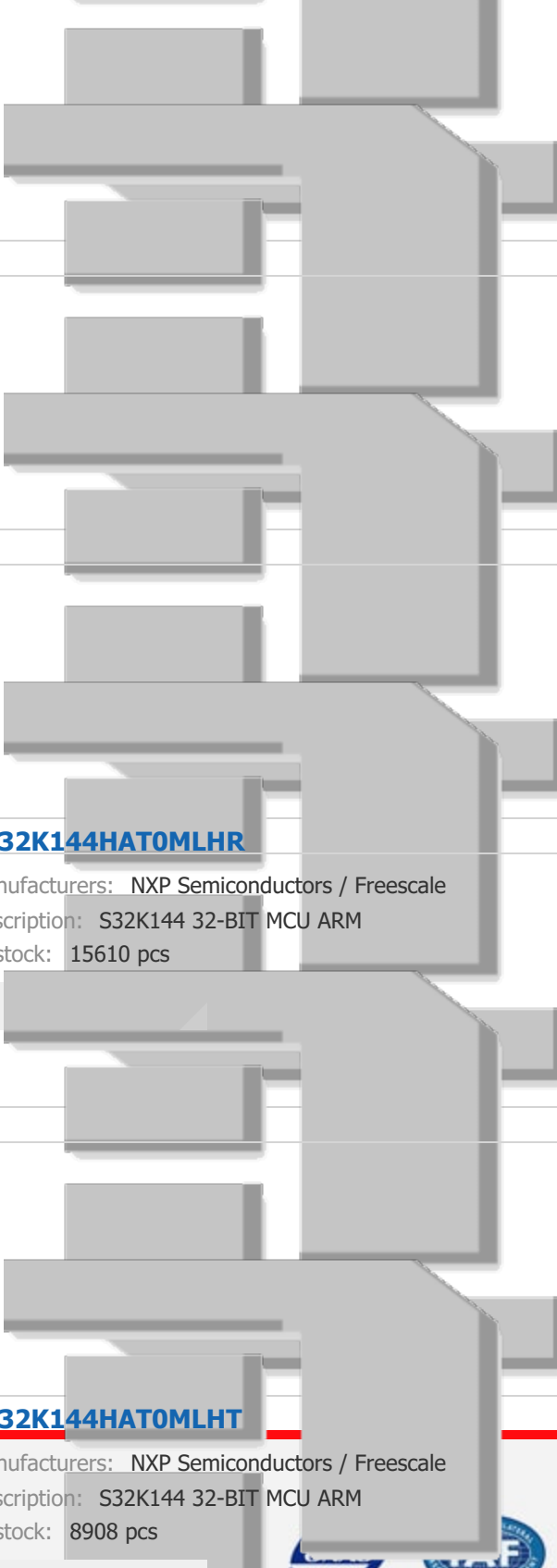
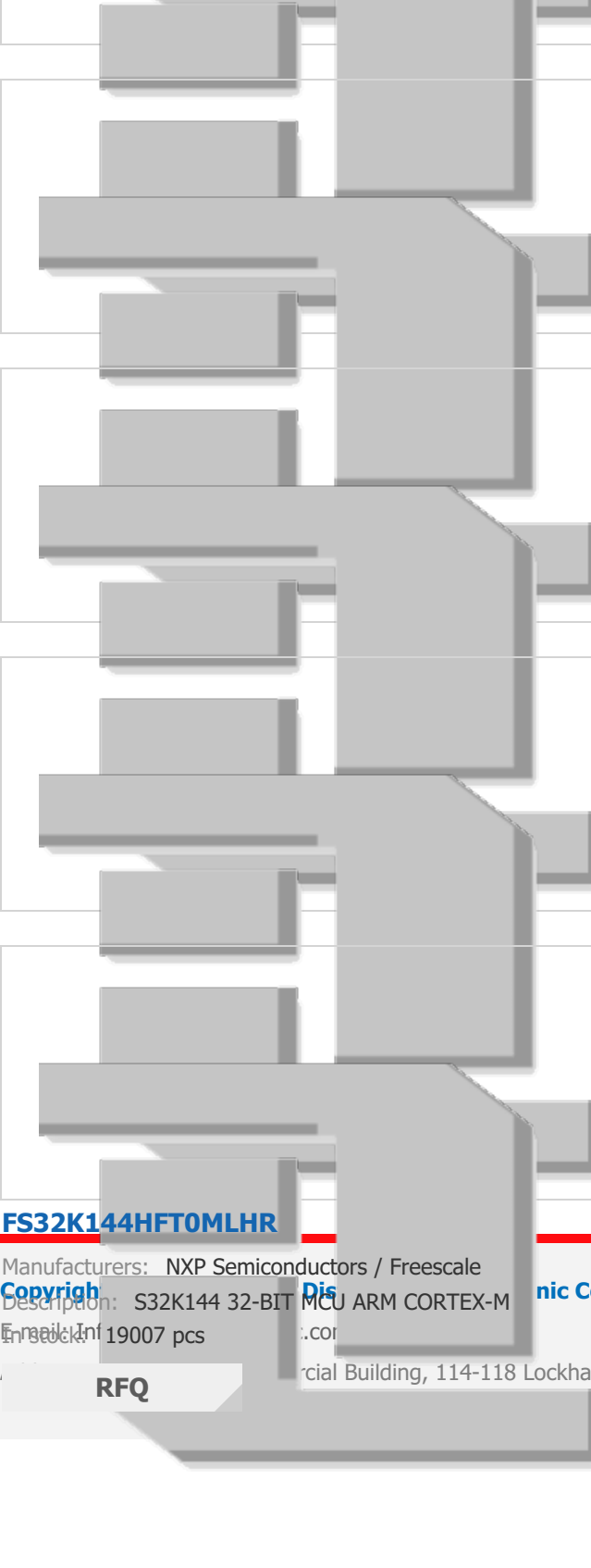
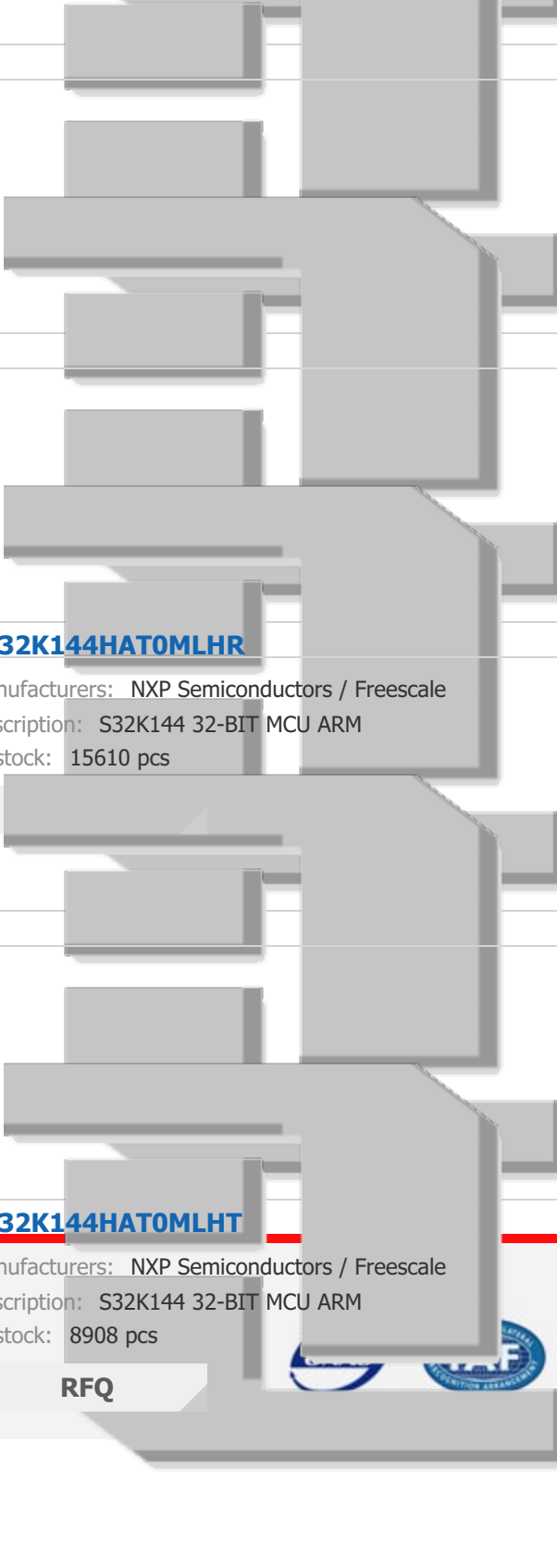
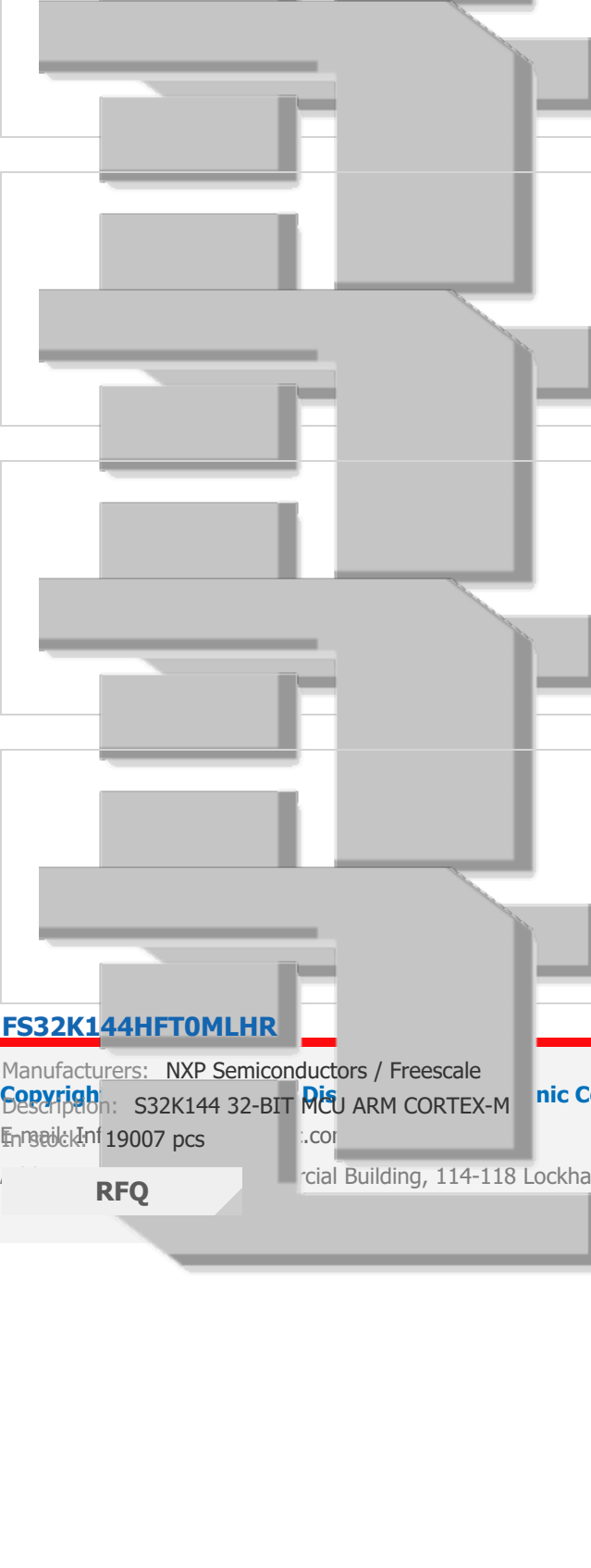
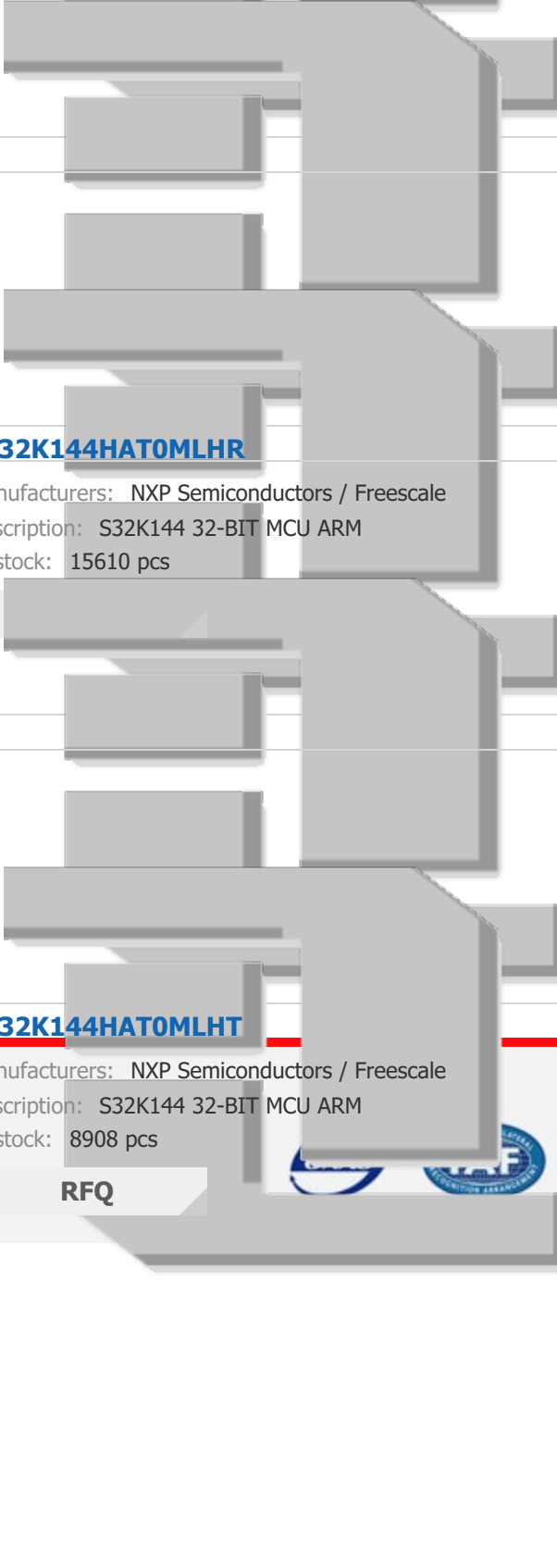
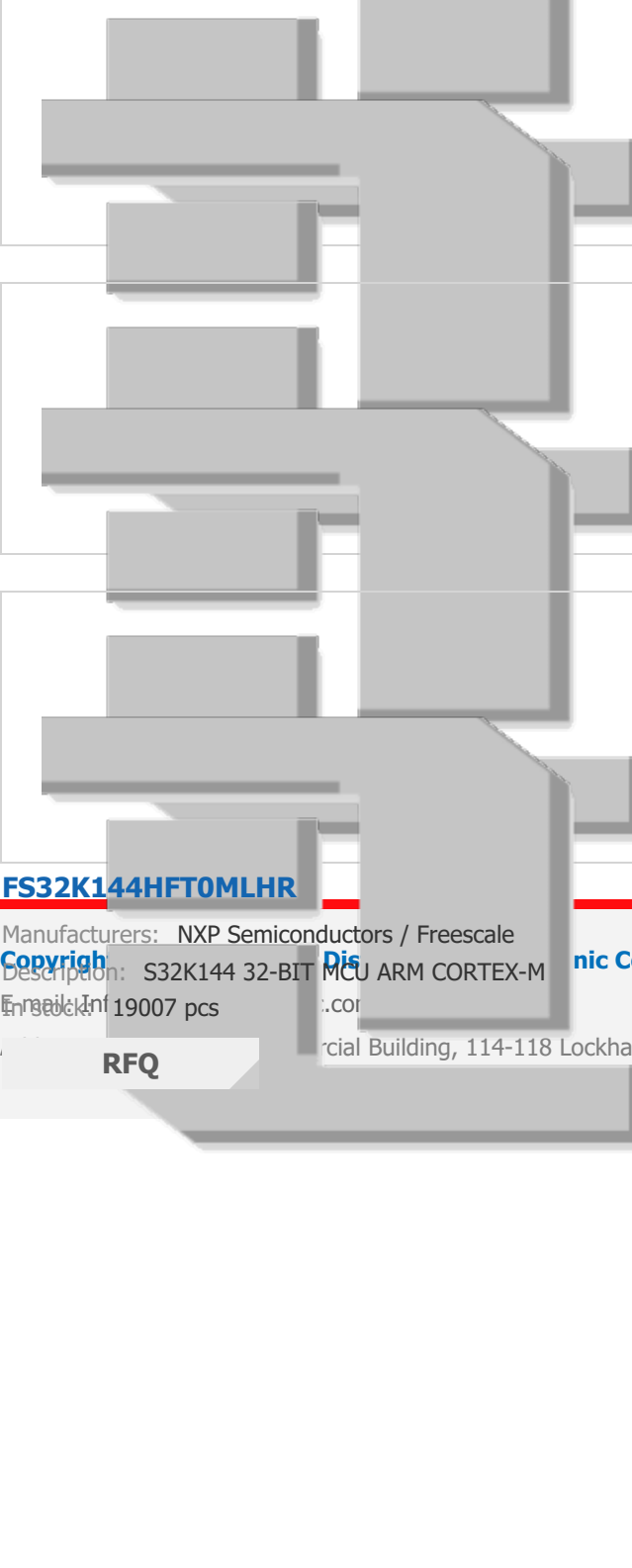
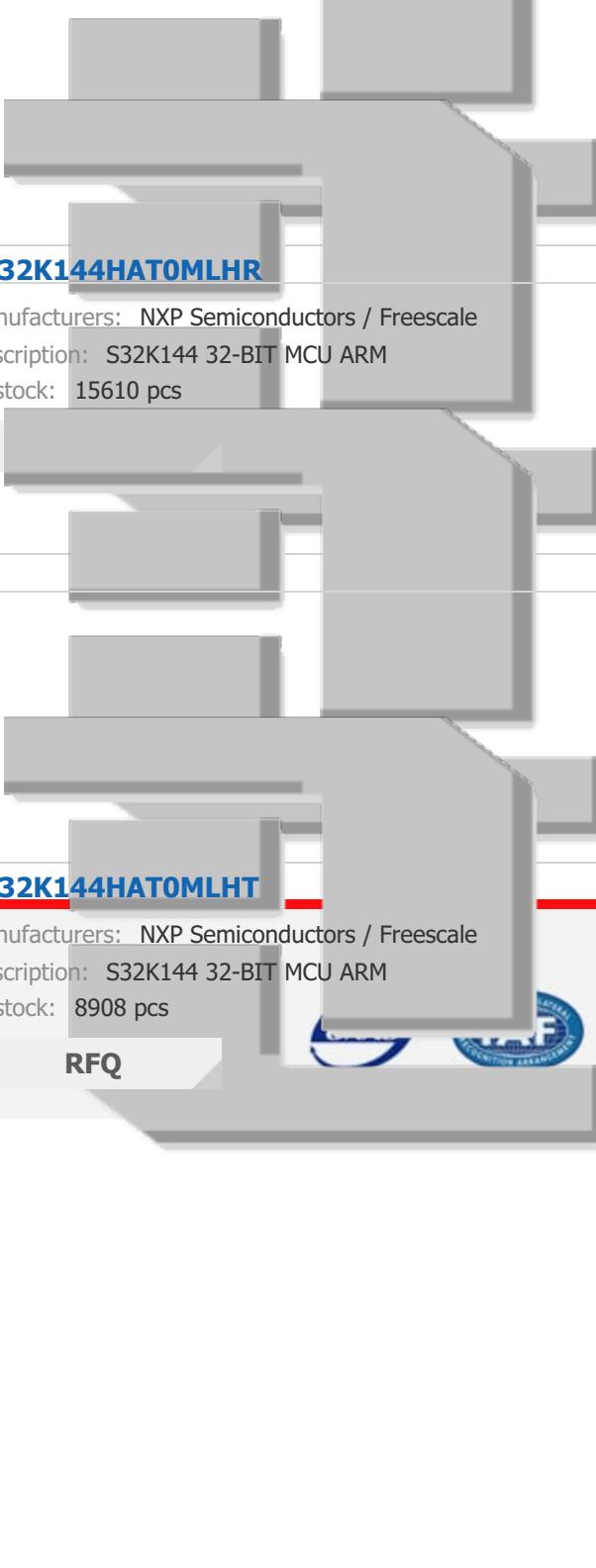
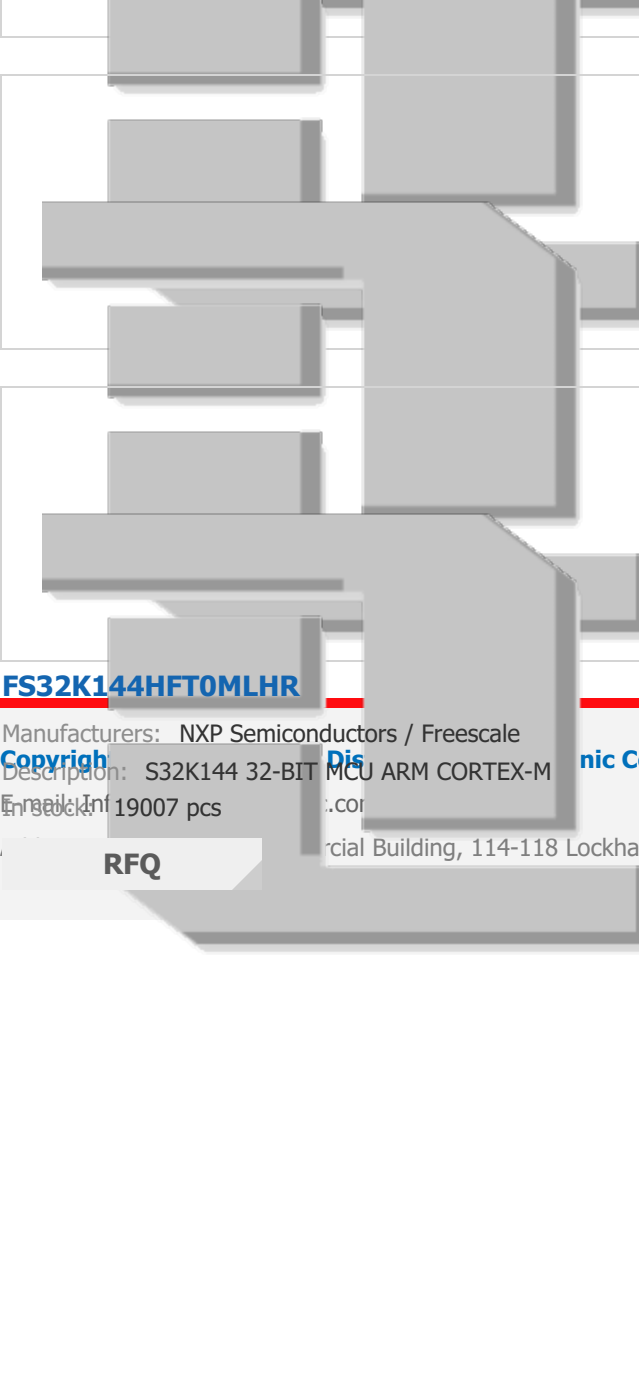
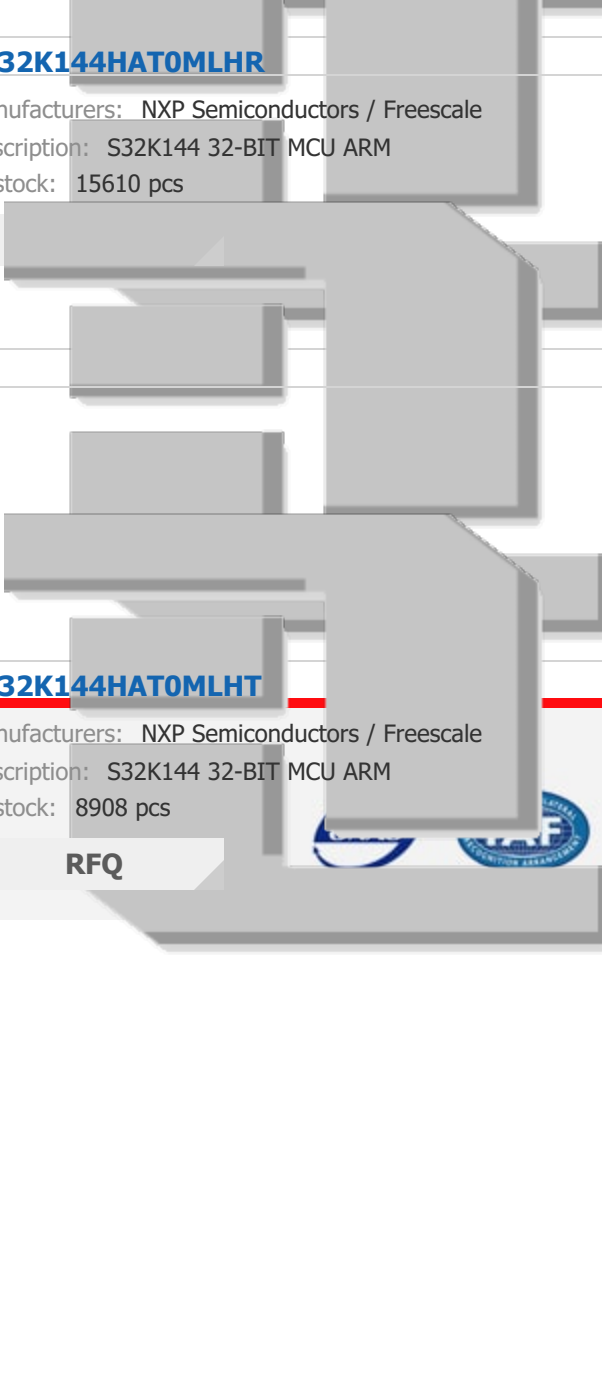
Specifications of FS32K144HAT0MMHT

|                                  |                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------|
| PART NUMBER                      | FS32K144HAT0MMHT                                                                                |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                  |
| DESCRIPTION                      | S32K144 32-BIT MCU ARM                                                                          |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                                 |
| QUANTITY AVAILABLE               | 7738 pcs                                                                                        |
| DATA SHEET                       |                                                                                                 |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 5.5 V                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 100-MAPBGA (11x11)                                                                              |
| SPEED                            | 80MHz                                                                                           |
| SERIES                           | S32K                                                                                            |
| RAM SIZE                         | 64K x 8                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                           |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                                |
| PERIPHERALS                      | POR, PWM, WDT                                                                                   |
| PACKAGING                        | Tray                                                                                            |
| PACKAGE / CASE                   | 100-LFBGA                                                                                       |
| OTHER NAMES                      | 568-13935                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                   |
| EEPROM SIZE                      | 4K x 8                                                                                          |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4F S32K Microcontroller IC 32-Bit 80MHz 512KB (512K x 8) FLASH 100-MAPBGA (11x11) |
| DATA CONVERTERS                  | A/D 16x12b, D/A 1x8b                                                                            |
| CORE SIZE                        | 32-Bit                                                                                          |
| CORE PROCESSOR                   | ARM® Cortex®-M4F                                                                                |
| CONNECTIVITY                     | CANbus, FlexIO, I²C, LINbus, SPI, UART/USART                                                    |

Related Tags

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| FS32K144HAT0MMHT               | FS32K144HAT0MMHT Distributor        | FS32K144HAT0MMHT Supplier  |
| FS32K144HAT0MMHT Price         | FS32K144HAT0MMHT Pictures           | FS32K144HAT0MMHT Image     |
| FS32K144HAT0MMHT PDF Datasheet | FS32K144HAT0MMHT Download Datasheet | FS32K144HAT0MMHT Datasheet |
| FS32K144HAT0MMHT Stock         | Buy FS32K144HAT0MMHT                | Buy FS32K144HAT0MMHT       |
| FS32K144HAT0MMHT               | Supplier                            | Distributor                |

Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>FS32K144HAT0VLHR</b><br/>Manufacturers: NXP<br/>Description: S32K144 32-BIT MCU ARM<br/>In stock: 15512 pcs</p> <p>RFQ</p>                                     |  <p><b>FS32K144HAT0VLHT</b><br/>Manufacturers: NXP<br/>Description: S32K144 32-BIT MCU ARM<br/>In stock: 16474 pcs</p> <p>RFQ</p>                            |
|  <p><b>FS32K144HAT0MLLR</b><br/>Manufacturers: NXP<br/>Description: S32K144 32-BIT MCU, ARM<br/>In stock: 17497 pcs</p> <p>RFQ</p>                                    |  <p><b>FS32K144HFT0CLHT</b><br/>Manufacturers: NXP<br/>Description: S32K144 32-BIT MCU ARM CORTEX-M<br/>In stock: 5392 pcs</p> <p>RFQ</p>                    |
|  <p><b>FS32K144HFT0CLLT</b><br/>Manufacturers: NXP<br/>Description: S32K144 32-BIT MCU ARM CORTEX-M<br/>In stock: 16583 pcs</p> <p>RFQ</p>                            |  <p><b>FS32K144HAT0MLLT</b><br/>Manufacturers: NXP<br/>Description: S32K144 32-BIT MCU ARM<br/>In stock: 10305 pcs</p> <p>RFQ</p>                            |
|  <p><b>FS32K144HAT0CLLT</b><br/>Manufacturers: NXP<br/>Description: S32K144 32-BIT MCU ARM<br/>In stock: 13284 pcs</p> <p>RFQ</p>                                     |  <p><b>FS32K144HAT0MLHR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S32K144 32-BIT MCU ARM<br/>In stock: 15610 pcs</p> <p>RFQ</p> |
|  <p><b>FS32K144HFT0MLHT</b><br/>Manufacturers: NXP<br/>Description: S32K144 32-BIT MCU ARM CORTEX-M<br/>In stock: 14776 pcs</p> <p>RFQ</p>                            |  <p><b>FS32K144HAT0CLHT</b><br/>Manufacturers: NXP<br/>Description: S32K144 32-BIT MCU ARM CORTEX-M<br/>In stock: 17068 pcs</p> <p>RFQ</p>                   |
|  <p><b>FS32K144HFT0MLHR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S32K144 32-BIT MCU ARM CORTEX-M<br/>In stock: 19007 pcs</p> <p>RFQ</p> |  <p><b>FS32K144HAT0MLHT</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: S32K144 32-BIT MCU ARM<br/>In stock: 8908 pcs</p> <p>RFQ</p>  |

