

NXP Semiconductors / Freescale

FS32K144MAT0CMHT

Part Number:	FS32K144MAT0CMHT
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	S32K144, 100 MAPBGA
Datasheets:	
Stock Condition	14897 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

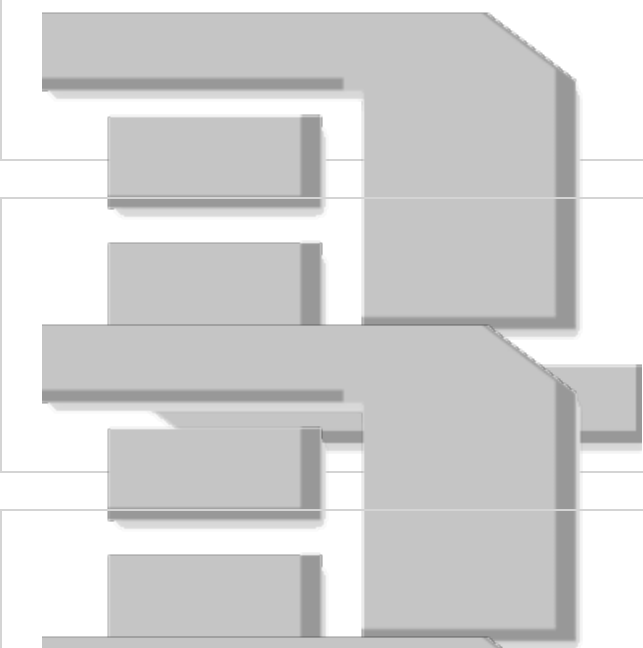
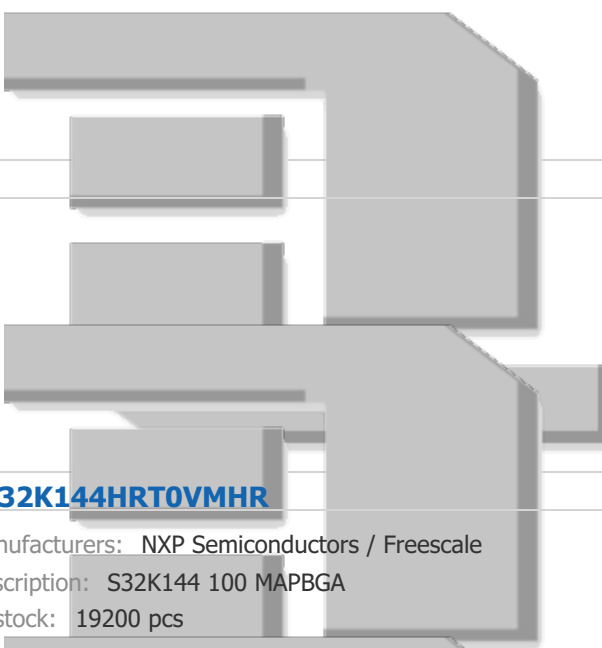
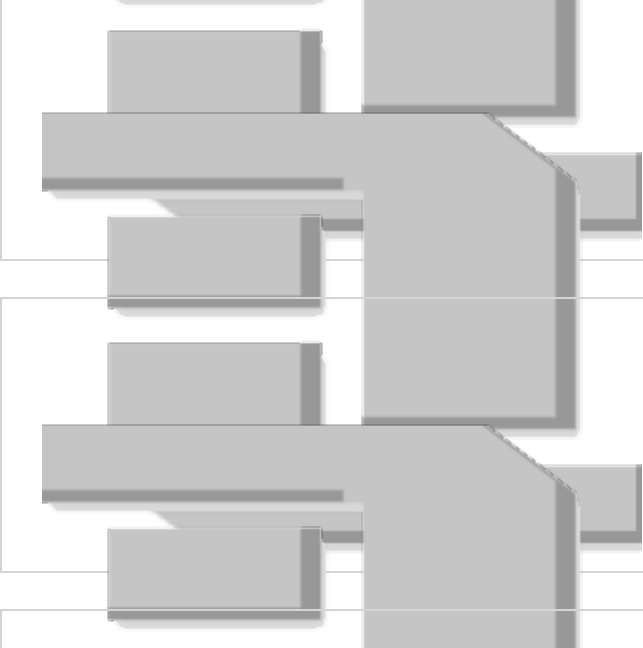
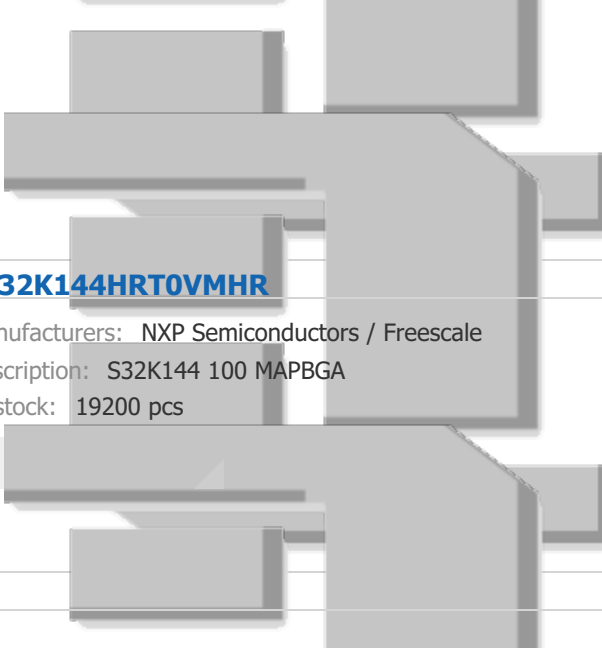
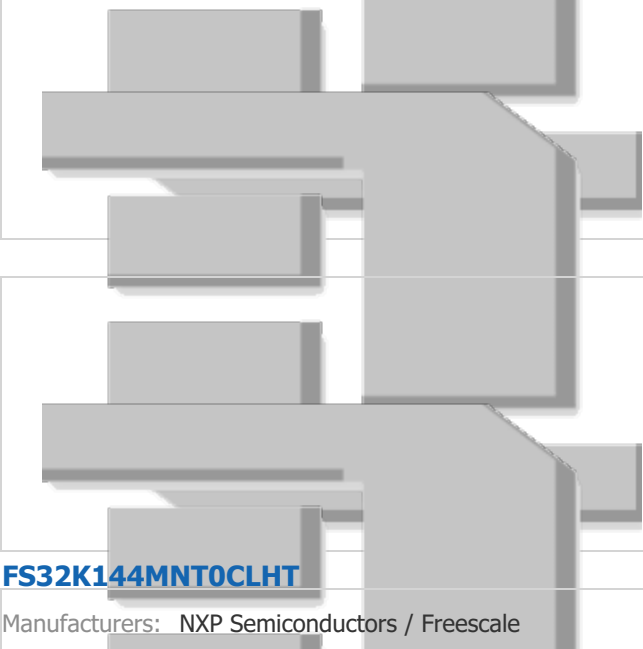
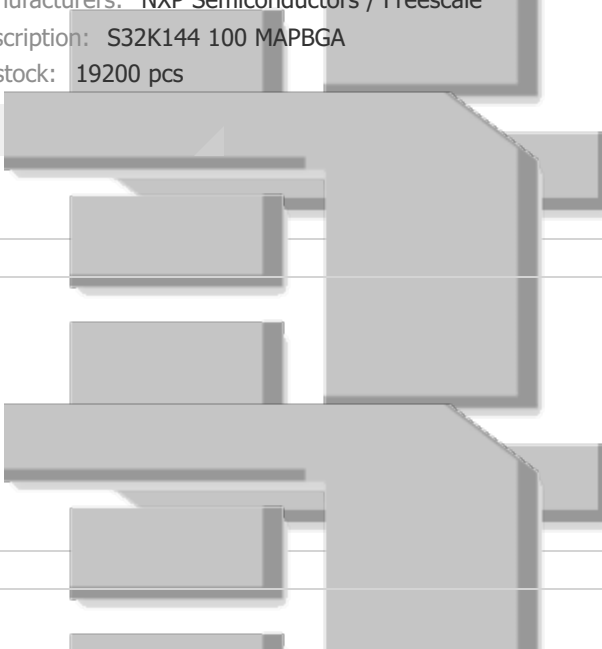
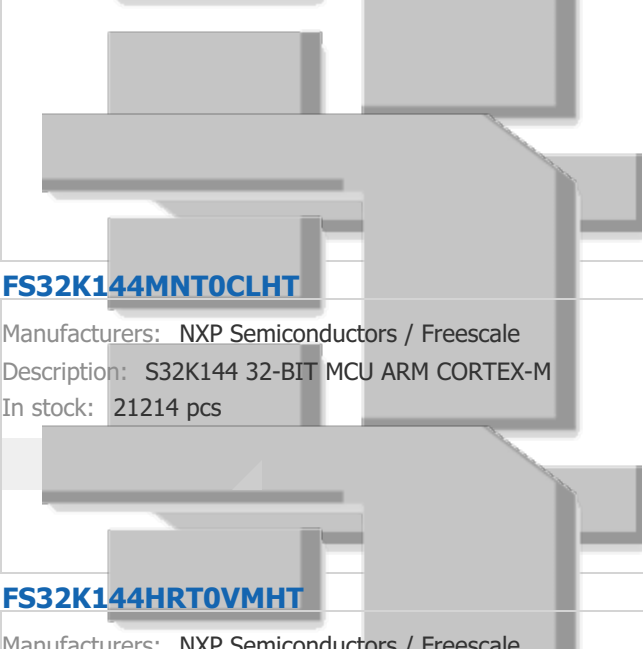
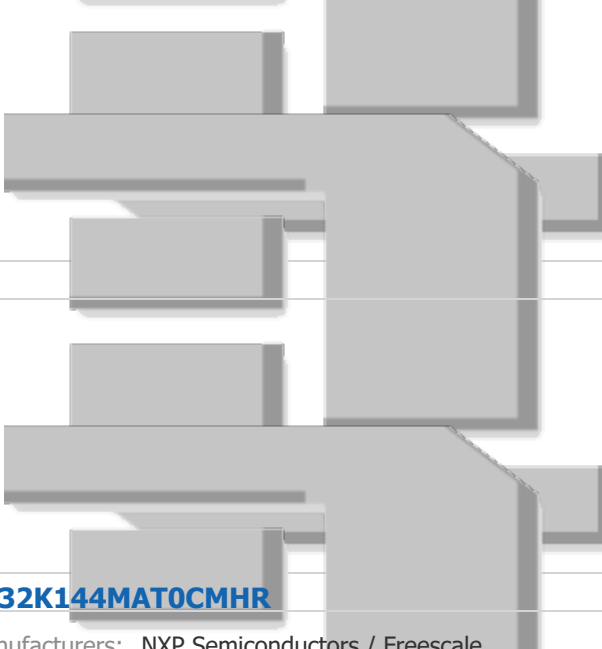
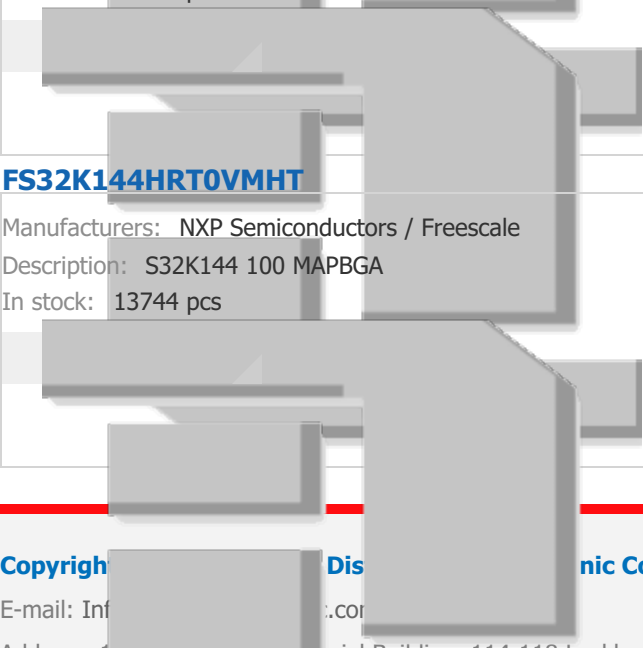
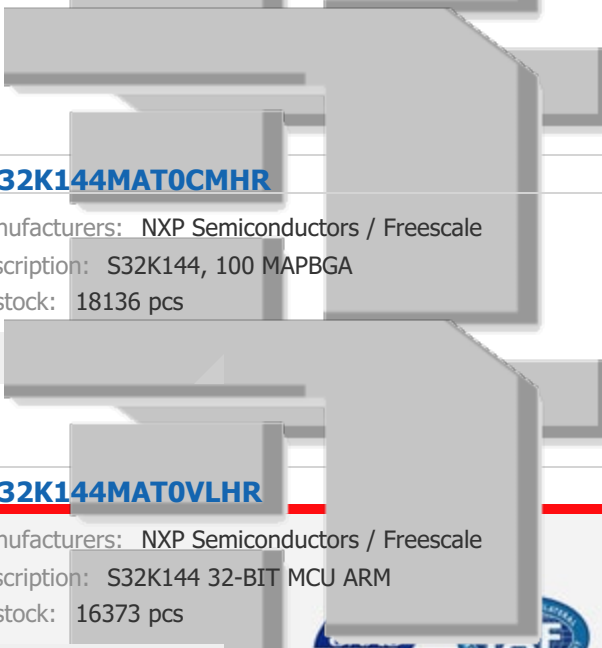
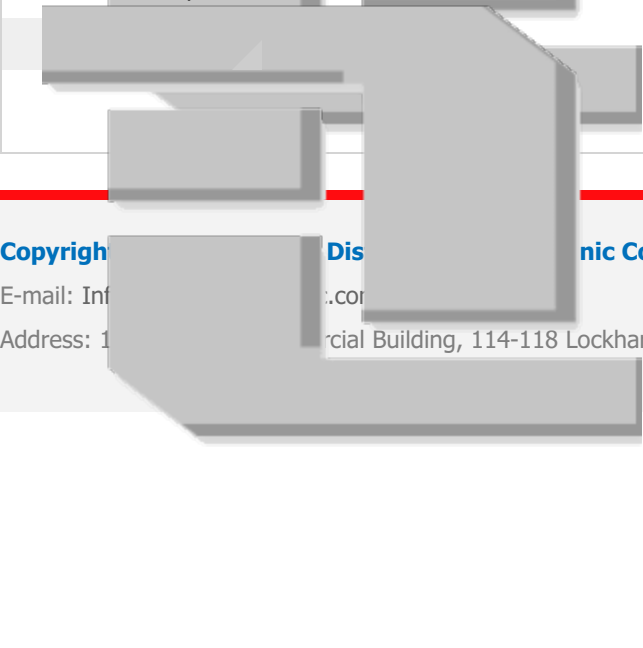
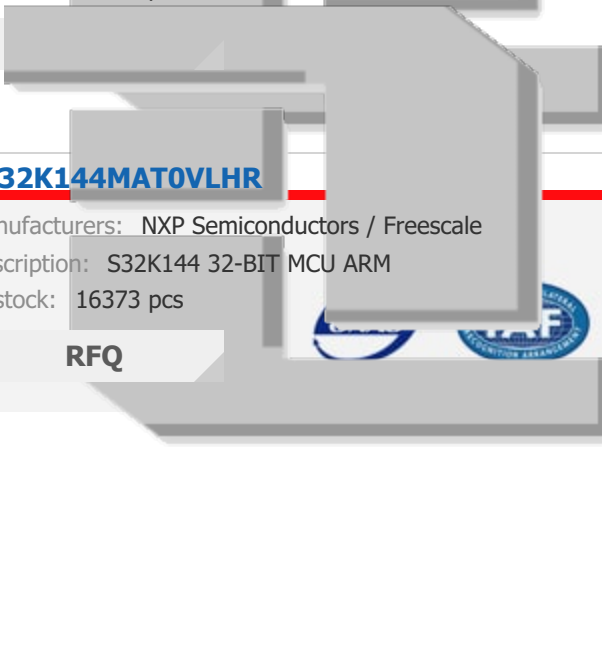
Specifications of FS32K144MAT0CMHT

PART NUMBER	FS32K144MAT0CMHT
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	S32K144, 100 MAPBGA
LEAD FREE STATUS / ROHS STATUS	
QUANTITY AVAILABLE	14897 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	100-MAPBGA (11x11)
SPEED	64MHz
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	935362117557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
EEPROM SIZE	4K x 8
DETAILED DESCRIPTION	ARM® Cortex®-M4F S32K Microcontroller IC 32-Bit 64MHz 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

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 FS32K144MAT0VLHT Manufacturers: NXP Description: S32K144 32-BIT MCU ARM In stock: 14762 pcs RFQ	 FS32K144HRT0VMHR Manufacturers: NXP Semiconductors / Freescale Description: S32K144 100 MAPBGA In stock: 19200 pcs RFQ
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 FS32K144HRT0VLLR Manufacturers: NXP Description: S32K144 32-BIT MCU ARM CORTEX-M In stock: 21229 pcs RFQ	 FS32K144MAT0VLHR Manufacturers: NXP Semiconductors / Freescale Description: S32K144 32-BIT MCU ARM In stock: 16373 pcs RFQ