

NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

FS32K148URT0VLUT

Part Number:	FS32K148URT0VLUT
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	S32K148 32-BIT MCU, ARM
Datasheets:	
Stock Condition	7967 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of FS32K148URT0VLUT

PART NUMBER	FS32K148URT0VLUT
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	S32K148 32-BIT MCU, ARM
LEAD FREE STATUS / ROHS STATUS	
QUANTITY AVAILABLE	7967 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	176-LQFP (24x24)
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	176-LQFP
OTHER NAMES	935364158557
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 176-LQFP (24x24)
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

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	FS32R274KBK2MMM Manufacturers: NXP Description: 2M FLASH 1.5MB SRAM 2X In stock: 2080 pcs RFQ		FS32K148UJT0VMHT Manufacturers: NXP Description: S32K148 100 MAPBGA In stock: 6671 pcs RFQ
	FS32R274KSK2MMM Manufacturers: NXP Description: IC SRAM 2M FLASH 257MAPBGA In stock: 2422 pcs RFQ		FS32K148UJT0VLQT Manufacturers: NXP Description: S32K148 144 LQFP In stock: 6355 pcs RFQ
	FS32K148URT0VLQR Manufacturers: NXP Description: S32K148 144 LQFP In stock: 9286 pcs RFQ		FS32R274KCK2MMM Manufacturers: NXP Semiconductors / Freescale Description: 2M FLASH 1.5MB SRAM 2X In stock: 2526 pcs
	FS32R274KCK2MMM Manufacturers: NXP Description: NXP 32 BIT MCU 2M FLASH 1.5MB In stock: 2693 pcs RFQ		FS32R274KCK2VMM Manufacturers: NXP Description: NXP 32 BIT MCU 2M FLASH 1.5MB In stock: 2906 pcs RFQ

