



NXP Semiconductors / Freescale



FS32K148HET0CLQT

Part Number:	FS32K148HET0CLQT
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	S32K148 32-BIT MCU ARM
Datasheets:	 FS32K148HET0CLQT.pdf
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of FS32K148HET0CLQT

PART NUMBER	FS32K148HET0CLQT
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	S32K148 32-BIT MCU ARM
LEAD FREE STATUS / ROHS STATUS	
DATA SHEET	 FS32K148HET0CLQT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	80MHz
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	935363088557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	20 Weeks
EEPROM SIZE	4K x 8
DETAILED DESCRIPTION	ARM® Cortex®-M4F S32K Microcontroller IC 32-Bit 80MHz 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

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