

FS32K148HAT0MLUT



Part Number: [FS32K148HAT0MLUT](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: S32K148 32-BIT MCU ARM

Data sheet:  [S32K1xx Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER		
Part Number	FS32K148HAT0MLUT	Manufacturer NXP Semiconductors / Freescale
Description	S32K148 32-BIT MCU ARM	Lead Free Status / RoHS Status Lead free / RoHS Compliant
Quantity Available	8344 pcs	Data sheet S32K1xx Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd) 2.7 V ~ 5.5 V
Supplier Device Package	176-LQFP (24x24)	Speed 80MHz
Series	S32K	RAM Size 256K x 8
Program Memory Type	FLASH	Program Memory Size 2MB (2M x 8)
Peripherals	I ² S, POR, PWM, WDT	Packaging Tray
Package / Case	176-LQFP	Other Names 935370338557
Oscillator Type	Internal	Operating Temperature -40°C ~ 125°C (TA)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size 4K x 8
Detailed Description	ARM® Cortex®-M4F S32K Microcontroller IC 32-Bit 80MHz 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, I ² C, LINbus, SPI, UART/USART	
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