

FS32K142URT0VLHR



Part Number: [FS32K142URT0VLHR](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: S32K142 32-BIT MCU ARM

Data sheet:  [S32K1xx Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER		
Part Number	FS32K142URT0VLHR	Manufacturer NXP Semiconductors / Freescale
Description	S32K142 32-BIT MCU ARM	Lead Free Status / RoHS StatusLead free / RoHS Compliant
Quantity Available	20807 pcs	Data sheet S32K1xx Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)2.7 V ~ 5.5 V
Supplier Device Package	64-LQFP (10x10)	Speed112MHz
Series	S32K	RAM Size32K x 8
Program Memory Type	FLASH	Program Memory Size256KB (256K x 8)
Peripherals	POR, PWM, WDT	PackagingTape & Reel (TR)
Package / Case	64-LQFP	Other Names935368752528
Oscillator Type	Internal	Operating Temperature-40°C ~ 105°C (TA)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size4K x 8
Detailed Description	ARM® Cortex®-M4F S32K Microcontroller IC 32-Bit 112MHz 256KB (256K x 8) FLASH 64-LQFP (10x10)	Data ConvertersA/D 16x12b, D/A 1x8b
Core Size	32-Bit	Core ProcessorARM® Cortex®-M4F
Connectivity	CANbus, FlexIO, I²C, LINbus, SPI, UART/USART	
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