

FS32K144MAT0CMHR



Part Number: [FS32K144MAT0CMHR](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: S32K144, 100 MAPBGA

Data sheet:  [S32K1xx Datasheet](#)

RoHs Status:

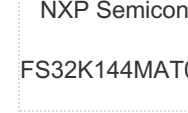
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PRODUCT PARAMETER			
Part Number	FS32K144MAT0CMHR	Manufacturer	NXP Semiconductors / Freescale
Description	S32K144, 100 MAPBGA	Lead Free Status / RoHS Status	
Quantity Available	15431 pcs	Data sheet	S32K1xx Datasheet
Category	Integrated Circuits (ICs)	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	Tape & Reel (TR)
Package / Case	100-LFBGA	Other Names	935362117518
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	18 Weeks
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
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