

MK27FN2M0AVMI15



Part Number: [MK27FN2M0AVMI15](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: 150MHZ ARM CORTEX 1.3

Data sheet:  [MK27FN2M0AVMI15](#)

RoHs Status:

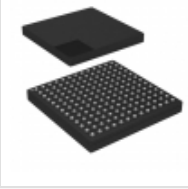
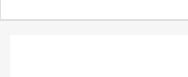
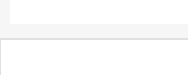
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PRODUCT PARAMETER			
Part Number	MK27FN2M0AVMI15	Manufacturer	NXP Semiconductors / Freescale
Description	150MHZ ARM CORTEX 1.3	Lead Free Status / RoHS Status	
Quantity Available	6194 pcs	Data sheet	MK27FN2M0AVMI15
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	169-MAPBGA (9x9)	Speed	150MHz
Series	Kinetis K27F	RAM Size	1M x 8
Program Memory Type	FLASH	Program Memory Size	2MB (2M x 8)
Peripherals	DMA, I ² S, PWM, WDT	Packaging	Tray
Package / Case	169-LFBGA	Other Names	935360414557
Oscillator Type	Internal/External	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	120	Manufacturer Standard Lead Time	13 Weeks
EEPROM Size	-	Detailed Description	ARM® Cortex®-M4 Kinetis K27F Microcontroller IC 32-Bit 150MHz 2MB (2M x 8) FLASH 169-MAPBGA (9x9)
Data Converters	A/D 16b SAR, D/A 2x6b, 1x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4	Connectivity	EBI/EMI, I ² C, QSPI, SDHC, SPI, UART/USART, USB
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	Part#: MK2771-15RLFTR Description: IC CLK SRC VCXO/SET-TOP 28-QSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: MK2772-01SLFTR Description: IC CLK SRC VCXO/SET-TOP 20-SOIC	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: MK28-1B-500W Description: SENSOR REED SW SPST WIRE LEADS	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK2772-01SLF Description: IC CLK SRC VCXO/SET-TOP 20-SOIC	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: MK2771-16RLF Description: IC CLK SRC VCXO/SET-TOP 28-QSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: MK28-1C-500W Description: SENSOR REED SW SPDT WIRE LEADS	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK27FN2M0VMI15 Description: IC MCU 32BIT 2MB FLASH 169MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK28FN2M0AVMI15 Description: 150MHZ ARM CORTEX 1.3	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK28FN2M0CAU15R Description: IC MCU 32BIT 2MB FLASH 210WLCSP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK2771-15RTR Description: IC CLK SRC VCXO/SET-TOP 28-QSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: MK2802FE-R52 Description: RES 28K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK28FN2M0ACAU15R Description: 150MHZ ARM CORTEX-M4F	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK2772-01S Description: IC CLK SRC VCXO/SET-TOP 20-SOIC	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: MK2771-16R Description: IC CLK SRC VCXO/SET-TOP 28-QSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: MK28-1A-500W Description: SENSOR REED SW SPST WIRE LEADS	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK2772-01STR Description: IC CLK SRC VCXO/SET-TOP 20-SOIC	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: MK2771-16RTR Description: IC CLK SRC VCXO/SET-TOP 28-QSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: MK2771-16RLFTR Description: IC CLK SRC VCXO/SET-TOP 28-QSOP	Manufacturers: IDT (Integrated Device Technology)	RFQ
	Part#: MK2803FE-R52 Description: RES 280K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK2801FE-R52 Description: RES 2.8K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ

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