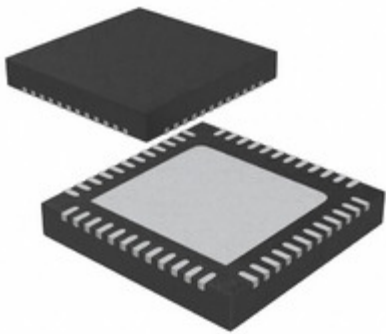


MKL16Z128VFT4R



Part Number: [MKL16Z128VFT4R](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: KINETIS KL16: 48MHZ CORTEX-M0+ U

Data sheet:  [MKL16Z32,64,128Vxx4](#)

RoHs Status:

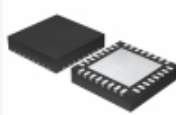
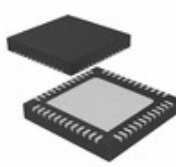
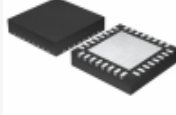
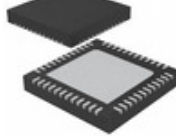
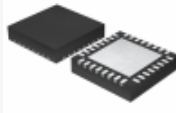
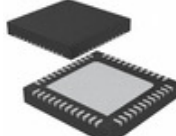
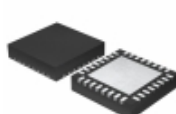
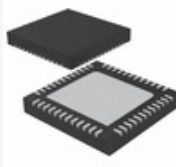
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PRODUCT PARAMETER			
Part Number	MKL16Z128VFT4R	Manufacturer	NXP Semiconductors / Freescale
Description	KINETIS KL16: 48MHZ CORTEX-M0+ U	Lead Free Status / RoHS Status	
Quantity Available	43540 pcs	Data sheet	MKL16Z32,64,128Vxx4
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	48-QFN (7x7)	Speed	48MHz
Series	Kinetis KL1	RAM Size	16K x 8
Program Memory Type	FLASH	Program Memory Size	128KB (128K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, LVD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	48-VQFN Exposed Pad	Other Names	935312306528
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	40	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	16 Weeks	EEPROM Size	-
Detailed Description	ARM® Cortex®-M0+ Kinetis KL1 Microcontroller IC 32-Bit 48MHz 128KB (128K x 8) FLASH 48-QFN (7x7)	Data Converters	A/D - 16bit, D/A - 12bit
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0+
Connectivity	I ² C, LINbus, SPI, TSI, UART/USART		
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	Part#: MKL16Z256VMP4R Description: KINETIS KL16: 48MHZ CORTEX-M0+ U	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKL16Z128VLH4R Description: IC MCU 32BIT 128KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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