



NXP Semiconductors / Freescale

MKL46Z128VLL4

Part Number:	MKL46Z128VLL4
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 128KB FLASH 100LQFP
Datasheets:	1.MKL46Z128VLL4.pdf 2.MKL46Z128VLL4.pdf 3.MKL46Z128VLL4.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

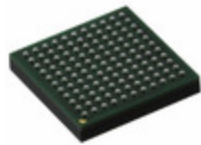
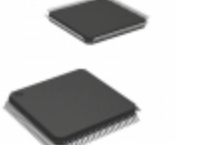
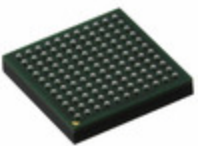
Specifications of MKL46Z128VLL4

PART NUMBER	MKL46Z128VLL4
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 128KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.MKL46Z128VLL4.pdf 2.MKL46Z128VLL4.pdf 3.MKL46Z128VLL4.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
SPEED	48MHz
SERIES	Kinetis KL4
RAM SIZE	16K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (128K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-LQFP
OTHER NAMES	935321829557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	84
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	16 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0+ Kinetis KL4 Microcontroller IC 32-Bit 48MHz 128KB (128K x 8) FLASH 100-LQFP (14x14)
DATA CONVERTERS	A/D - 16bit, D/A - 12bit
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I²C, LINbus, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	MKL46Z128

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 MKL36Z64VLL4 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 64KB FLASH 100LQFP In stock: 65 pcs RFQ	 MKL43Z256VLH4 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 441 pcs RFQ
 MKL81Z128CBH7R Manufacturers: NXP Semiconductors / Freescale Description: KINETIS L 32-BIT MCU ARM CORTEX- In stock: Out stock RFQ	 MKL46Z256VMC4 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 121BGA In stock: Out stock RFQ
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