



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MKL81Z128CBH7R

Part Number:	MKL81Z128CBH7R
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	KINETIS L 32-BIT MCU ARM CORTEX-
Datasheets:	 MKL81Z128CBH7R.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

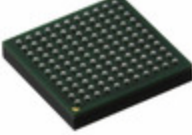
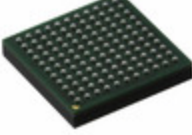
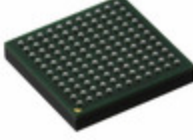
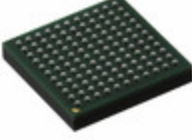
Specifications of MKL81Z128CBH7R

PART NUMBER	MKL81Z128CBH7R
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	KINETIS L 32-BIT MCU ARM CORTEX-
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 MKL81Z128CBH7R.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-WLCSP (3.48x3.38)
SPEED	72MHz
SERIES	Kinetis KL8
RAM SIZE	96K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (128K x 8)
PERIPHERALS	DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	64-XFBGA, WLCSP
OTHER NAMES	568-14664-1
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	41
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0+ Kinetis KL8 Microcontroller IC 32-Bit 72MHz 128KB (128K x 8) FLASH 64-WLCSP (3.48x3.38)
DATA CONVERTERS	A/D 11x16b, D/A 1x6b, 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I²C, SPI, UART/USART, USB OTG

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Related Products

 MKL46Z256VMP4 Manufacturers: NXP Semiconductors / Freescale Description: KINETIS KL46: 48MHZ CORTEX-M0+ U In stock: 640 pcs RFQ	 MKL82Z128VLK7 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 128KB FLASH 80LQFP In stock: 659 pcs RFQ
 MKL46Z256VLH4 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 914 pcs RFQ	 MKL46Z128VMC4 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 128KB FLASH 121BGA In stock: 346 pcs RFQ
 MKL46Z128VLL4 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 128KB FLASH 100LQFP In stock: 176 pcs RFQ	 MKL81Z128VMC7R Manufacturers: NXP Semiconductors / Freescale Description: KINETIS L 32-BIT MCU ARM CORTEX In stock: Out stock RFQ
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