

NXP Semiconductors / Freescale

MKL82Z128VMC7

Part Number:	MKL82Z128VMC7
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 128KB FLASH 121BGA
Datasheets:	
RoHS Status	 Lead free / RoHS Compliant
Stock Condition	9576 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

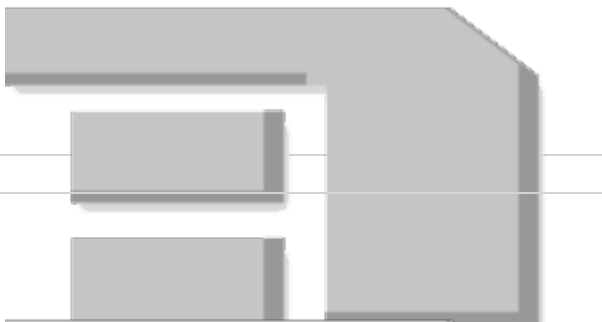
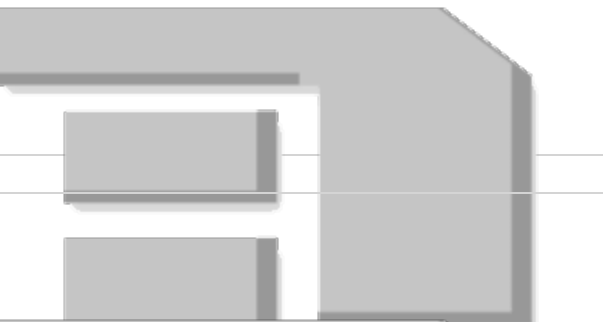
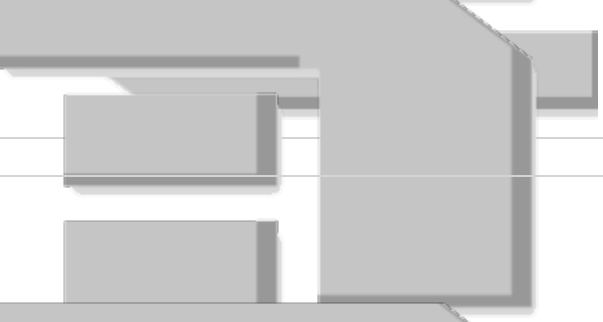
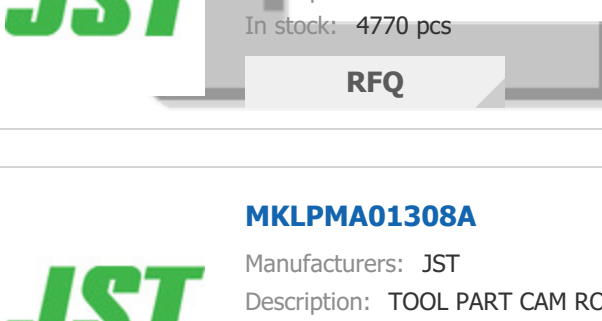
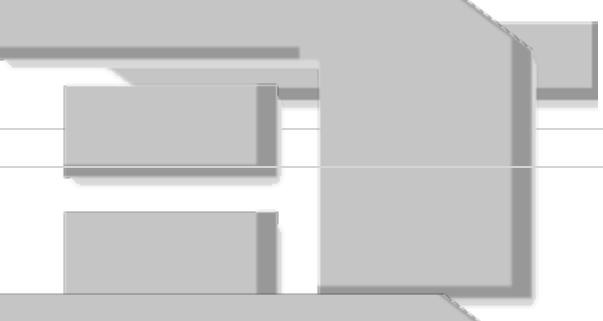
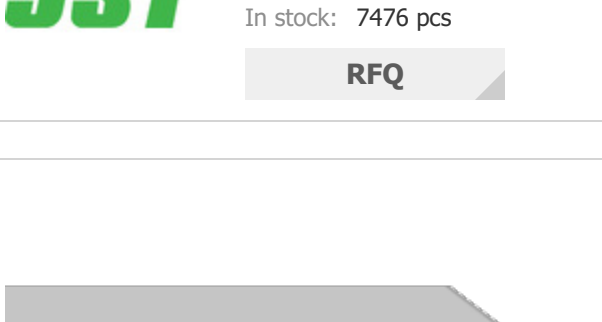
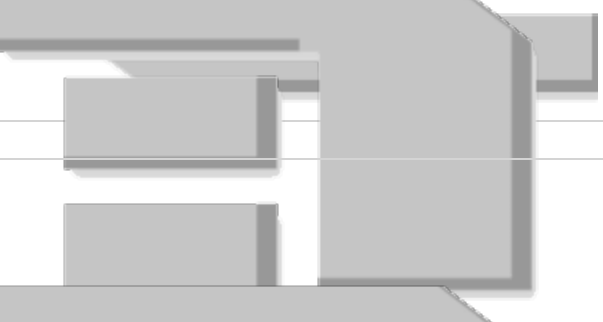
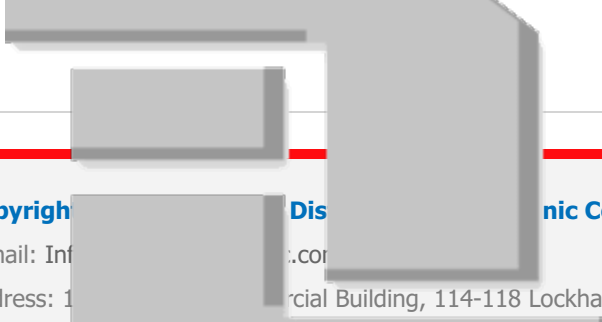
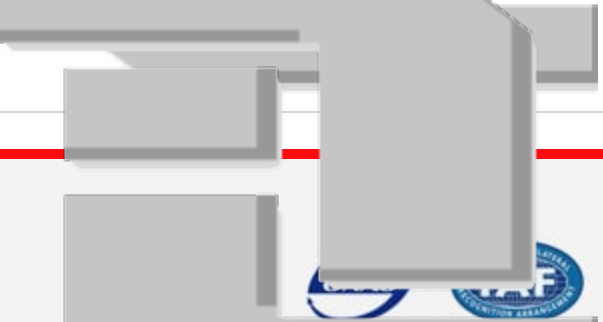
Specifications of MKL82Z128VMC7

PART NUMBER	MKL82Z128VMC7
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 128KB FLASH 121BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	9576 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	121-MAPBGA (8x8)
SPEED	72MHz
SERIES	Kinetis KL8
RAM SIZE	96K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (128K x 8)
PERIPHERALS	DMA, I ² S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	121-LFBGA
OTHER NAMES	935316055557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	85
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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 121-MAPBGA (8x8)
DATA CONVERTERS	A/D 12x16b, D/A 1x6b, 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I ² C, SPI, UART/USART, USB OTG

Related Tags

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	MKL82Z128VMP7 Manufacturers: NXP Description: KINETIS KL82: 72MHZ CORTEX-M0+ S In stock: 15210 pcs RFQ		MKL82Z128VLK7R Manufacturers: NXP Description: KINETIS L 32-BIT MCU ARM CORTEX In stock: 18413 pcs RFQ
	MKL81Z128CBH7R Manufacturers: NXP Description: KINETIS L 32-BIT MCU ARM CORTEX- In stock: 10248 pcs RFQ		MKL81Z128VMP7 Manufacturers: NXP Description: KINETIS KL81: 72MHZ CORTEX-M0+ S In stock: 18230 pcs RFQ
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	MKL46Z256VMC4 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 121BGA In stock: 19213 pcs RFQ		MKL81Z128VLK7 Manufacturers: NXP Description: KINETIS KL81: 72MHZ CORTEX-M0+ S In stock: 9892 pcs RFQ