

NXP Semiconductors / Freescale



MK40DX256ZVMB10

Part Number:	MK40DX256ZVMB10
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 256KB FLASH 81BGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	6117 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

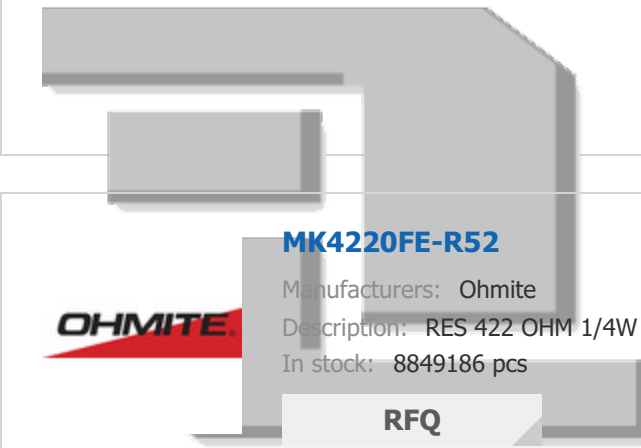
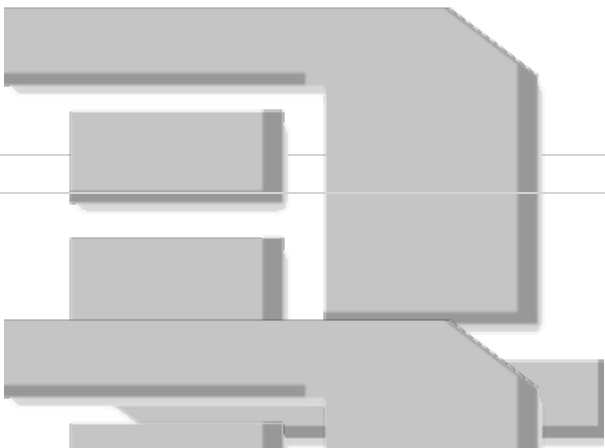
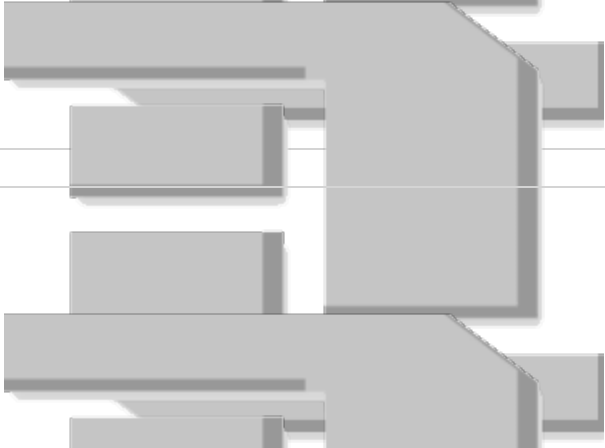
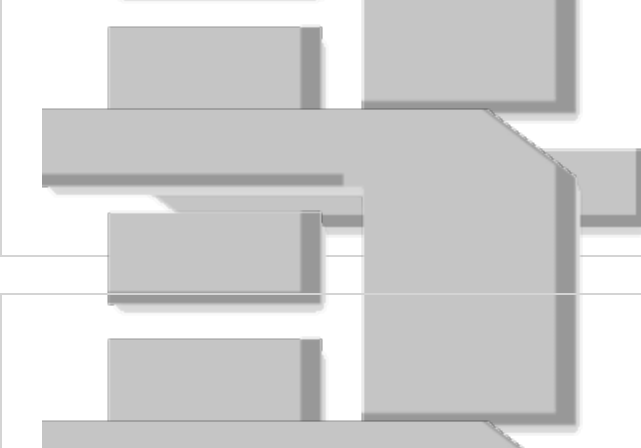
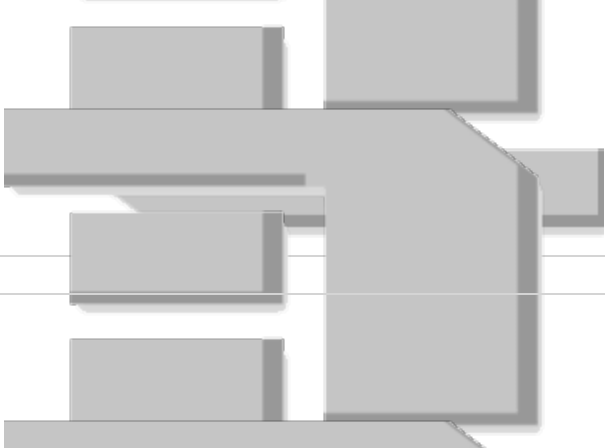
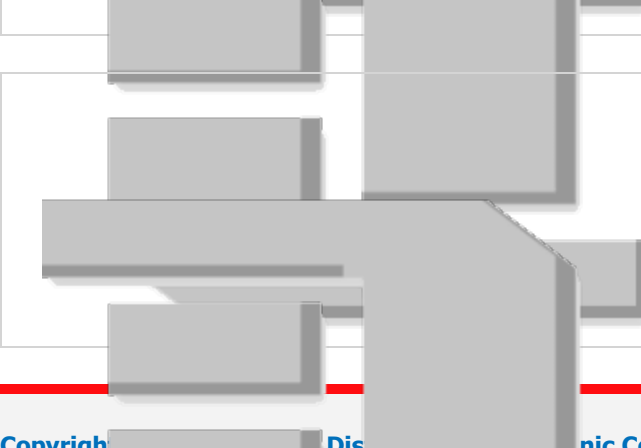
Specifications of MK40DX256ZVMB10

PART NUMBER	MK40DX256ZVMB10
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 256KB FLASH 81BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6117 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	81-MAPBGA (10x10)
SPEED	100MHz
SERIES	Kinetis K40
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	DMA, I²S, LCD, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	81-LBGA
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	52
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	4K x 8
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K40 Microcontroller IC 32-Bit 100MHz 256KB (256K x 8) FLASH 81-MAPBGA (10x10)
DATA CONVERTERS	A/D 17x16b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, I²C, IrDA, SD, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	MK40DX256

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 MK40DX256VML7 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 104BGA In stock: 6403 pcs RFQ	 MK40DX256ZVLQ10 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 144LQFP In stock: 10129 pcs RFQ
 MK4220FE-R52 Manufacturers: Ohmite Description: RES 422 OHM 1/4W 1% AXIAL In stock: 8849186 pcs RFQ	 MK40DX64VLK7 Manufacturers: NXP Description: IC MCU 32BIT 64KB FLASH 80LQFP In stock: 11267 pcs RFQ
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