

NXP Semiconductors / Freescale

PK20X256VMD100

Part Number:	PK20X256VMD100
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 256KB FLASH 144BGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	3285 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

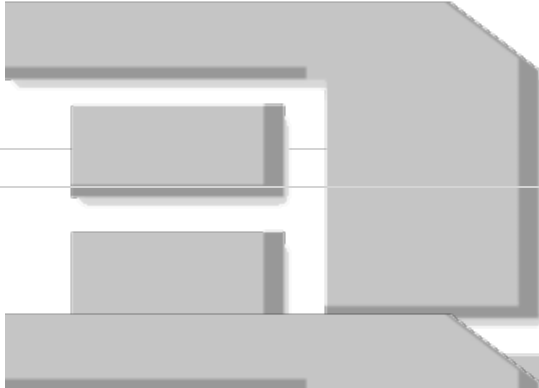
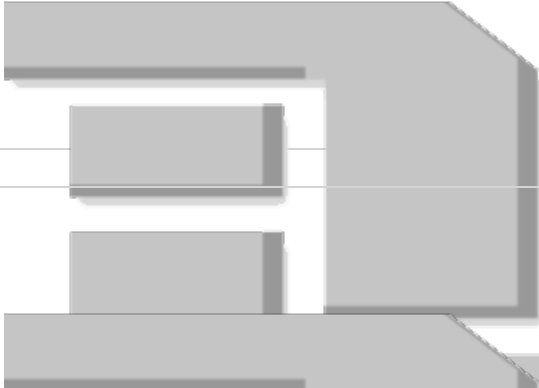
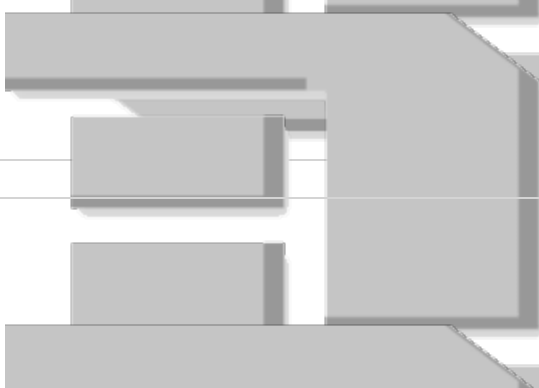
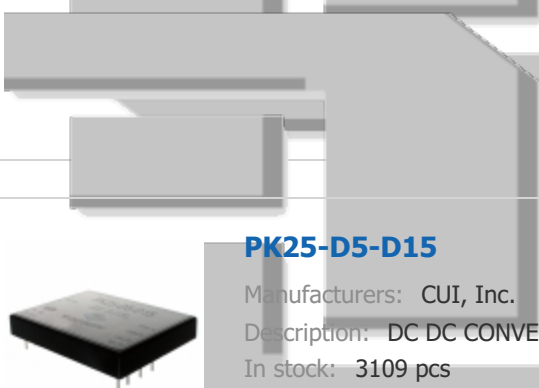
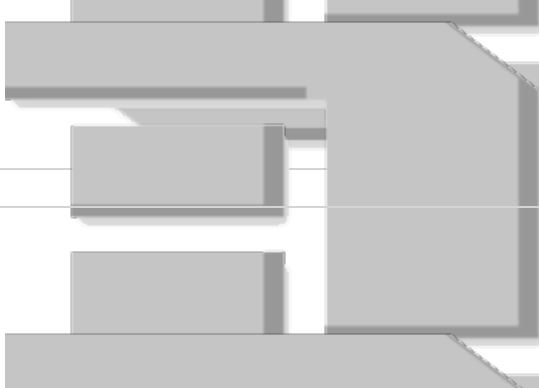
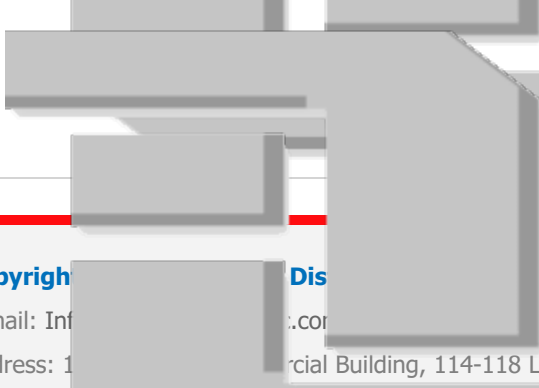
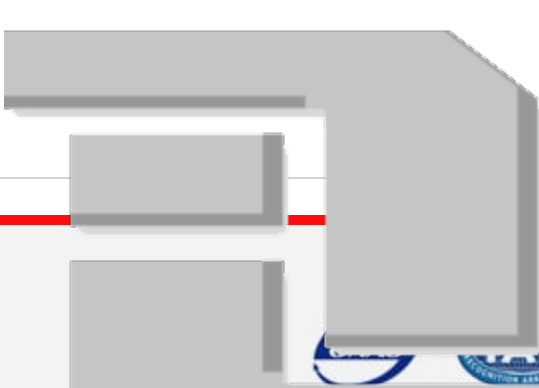
Specifications of PK20X256VMD100

PART NUMBER	PK20X256VMD100
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 256KB FLASH 144BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	3285 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-MAPBGA (13x13)
SPEED	100MHz
SERIES	Kinetis K20
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LBGA
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	100
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 K20 Microcontroller IC 32-Bit 100MHz 256KB (256K x 8) FLASH 144-MAPBGA (13x13)
DATA CONVERTERS	A/D 33x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, I²C, IrDA, SD, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	PK20X256

Related Tags

PK20X256VMD100	PK20X256VMD100 Distributor	PK20X256VMD100 Supplier
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Related Products

	PK20N512VMD100 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 5275 pcs RFQ		PK20X128VMD100 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 144BGA In stock: 4392 pcs RFQ
	PK25-D5-S12 Manufacturers: CUI, Inc. Description: DC DC CONVERTER 12V 25W In stock: 6199 pcs RFQ		PK25-D5-D12 Manufacturers: CUI, Inc. Description: DC DC CONVERTER +/-12V 25W In stock: 6467 pcs RFQ
	PK22DN512VLH5 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: 11292 pcs RFQ		PK22DN512VLK5 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 80LQFP In stock: 3997 pcs RFQ
	PK20X128VLQ100 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 144LQFP In stock: 3191 pcs RFQ		PK20X256VLQ100 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 144LQFP In stock: 3222 pcs RFQ
	PK20N512VMC100 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 121BGA In stock: 3763 pcs RFQ		PK25-D5-D15 Manufacturers: CUI, Inc. Description: DC DC CONVERTER +/-15V 25W In stock: 3109 pcs RFQ
	PK20X256VLK100 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 80LQFP In stock: 5027 pcs RFQ		PK21DX256VMB5 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 121BGA In stock: 3793 pcs RFQ