

NXP Semiconductors / Freescale

MKV58F512VLQ24

Part Number:	MKV58F512VLQ24
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	KINETIS KV58: 220MHZ CORTEX-M7F
Datasheets:	
Stock Condition	8504 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

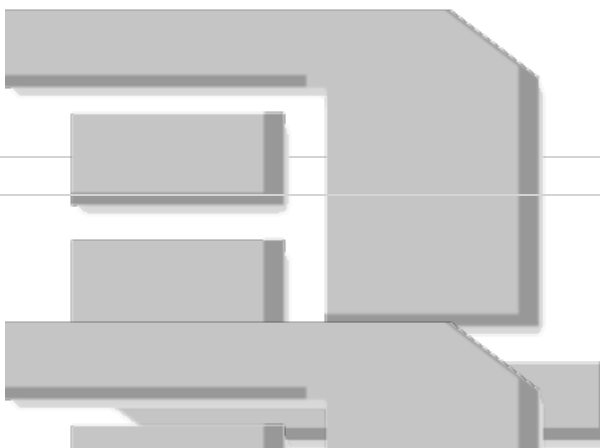
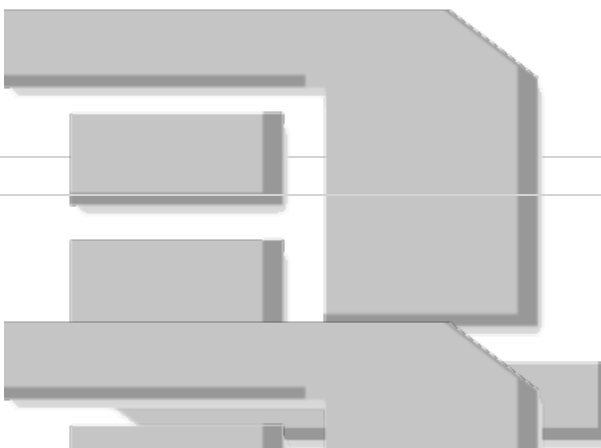
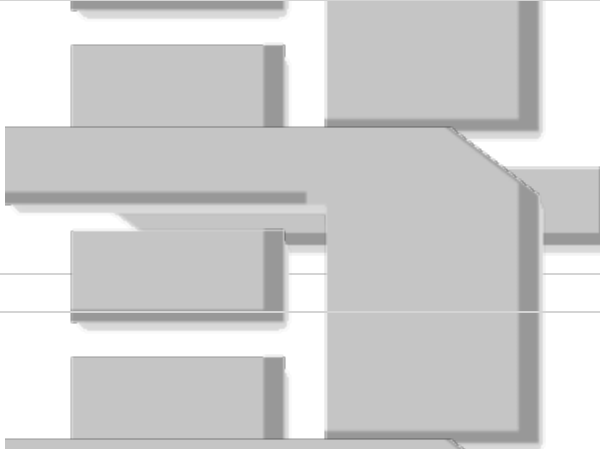
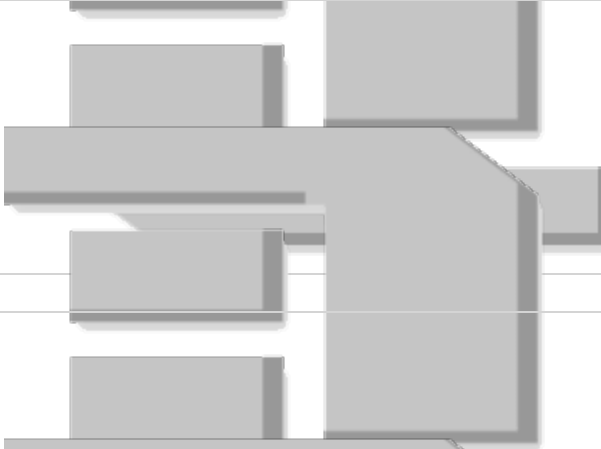
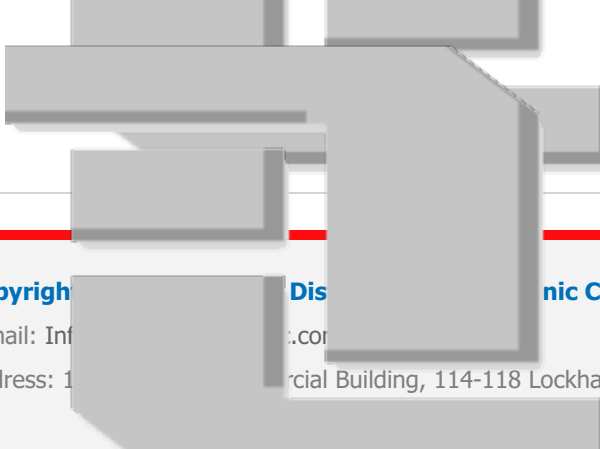
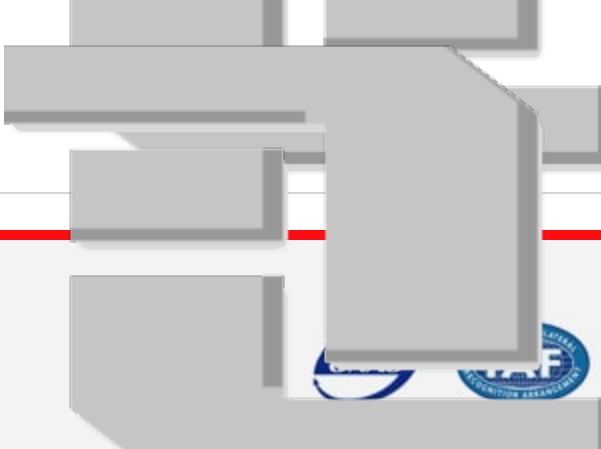
Specifications of MKV58F512VLQ24

PART NUMBER	MKV58F512VLQ24
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	KINETIS KV58: 220MHZ CORTEX-M7F
LEAD FREE STATUS / ROHS STATUS	
QUANTITY AVAILABLE	8504 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	240MHz
SERIES	Kinetis KV
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
OTHER NAMES	935326071557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	111
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M7 Kinetis KV Microcontroller IC 32-Bit 240MHz 512KB (512K x 8) FLASH 144-LQFP (20x20)
DATA CONVERTERS	A/D 4x12b, 1x16b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M7
CONNECTIVITY	CANbus, Ethernet, I²C, SPI, UART/USART

Related Tags

MKV58F512VLQ24	MKV58F512VLQ24 Distributor	MKV58F512VLQ24 Supplier
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Related Products

	MKV58F1M0VLQ24 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 5757 pcs RFQ		MKV46F128VLL16 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 100LQFP In stock: 15336 pcs RFQ
	MKV46F256VLL15 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 13862 pcs RFQ		MKV46F256VLH16R Manufacturers: NXP Description: KINETIS KV46: 168MHZ M4F REAL-TI In stock: 16266 pcs RFQ
	MKV56F1M0VLL24 Manufacturers: NXP Description: KINETIS KV56: 220MHZ CORTEX-M7F In stock: 8671 pcs RFQ		MKV56F1M0VLQ24 Manufacturers: NXP Description: KINETIS KV56: 220MHZ CORTEX-M7F In stock: 7595 pcs RFQ
	MKV56F512VLL24 Manufacturers: NXP Description: KINETIS KV56: 220MHZ CORTEX-M7F In stock: 9909 pcs RFQ		MKV58F1M0VLL24 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 5144 pcs RFQ
	MKV46F256VLH16 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 11382 pcs RFQ		MKV58F512VLL24 Manufacturers: NXP Description: KINETIS KV58: 220MHZ CORTEX-M7F In stock: 8622 pcs RFQ
	MKV56F512VLQ24 Manufacturers: NXP Description: KINETIS KV56: 220MHZ CORTEX-M7F In stock: 9986 pcs RFQ		MKV46F256VLL16 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 10923 pcs RFQ

