

NXP Semiconductors / Freescale

MKV31F512VLL12

Part Number:	MKV31F512VLL12
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 100LQFP
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	14010 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

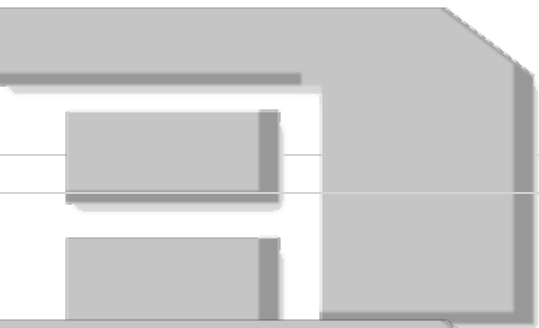
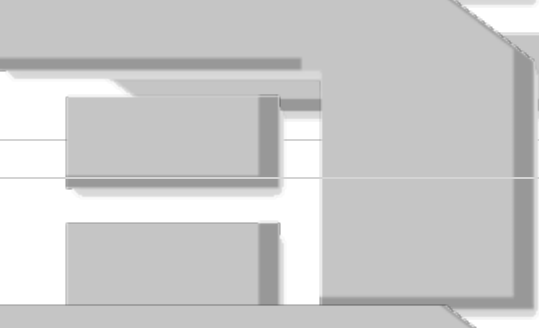
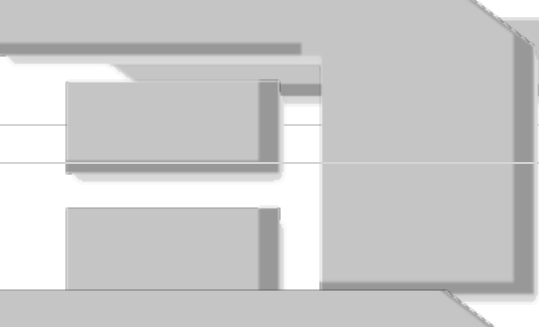
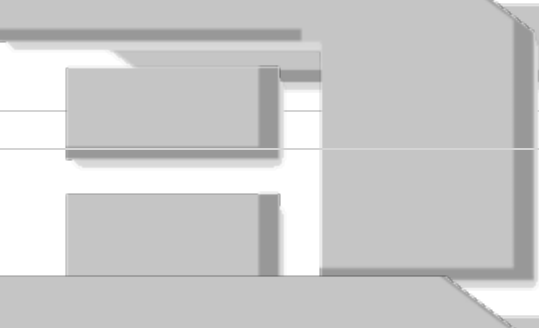
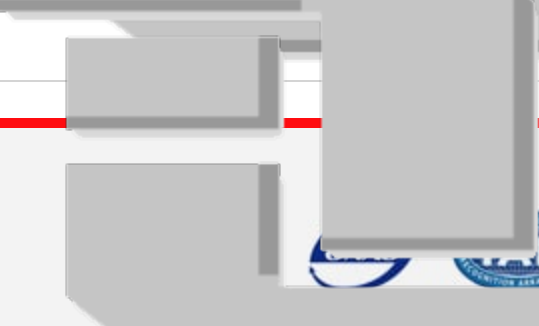
Specifications of MKV31F512VLL12

PART NUMBER	MKV31F512VLL12
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	14010 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
SPEED	120MHz
SERIES	Kinetis KV
RAM SIZE	96K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	DMA, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-LQFP
OTHER NAMES	935320286557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	70
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis KV Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 100-LQFP (14x14)
DATA CONVERTERS	A/D 2x16b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I²C, SPI, UART/USART

Related Tags

MKV31F512VLL12	MKV31F512VLL12 Distributor	MKV31F512VLL12 Supplier
MKV31F512VLL12 Price	MKV31F512VLL12 Pictures	MKV31F512VLL12 Image
MKV31F512VLL12 PDF Datasheet	MKV31F512VLL12 Download Datasheet	MKV31F512VLL12 Datasheet
MKV31F512VLL12 Stock	Buy MKV31F512VLL12	Buy MKV31F512VLL12
MKV31F512VLL12	Supplier	Distributor

Related Products

	MKV31F256VLH12R Manufacturers: NXP Description: KINETIS KV31: 120MHZ CORTEX-M4F In stock: 32813 pcs RFQ		MKV42F128VLL16 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 100LQFP In stock: 16433 pcs RFQ
	MKV31F256VLL12 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 15376 pcs RFQ		MKV31F512VLL12P Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 11815 pcs RFQ
	MKV31F256VLH12 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 15641 pcs RFQ		MKV31F256VLH12P Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 14993 pcs RFQ
	MKV40F256VLL15 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 16927 pcs RFQ		MKV42F128VLH16 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 64LQFP In stock: 13798 pcs RFQ
	MKV42F256VLH16 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH LQFP 64 In stock: 13163 pcs RFQ		MKV31F512VLH12R Manufacturers: NXP Description: KINETIS KV31: 120MHZ CORTEX-M4F In stock: 24623 pcs RFQ
	MKV31F512VLH12 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: 12894 pcs RFQ		MKV42F128VLF16 Manufacturers: NXP Description: KINETIS V 32-BIT MCU ARM CORTEX In stock: 23518 pcs RFQ