

NXP Semiconductors / Freescale



MKE16F256VLH16

Part Number:	MKE16F256VLH16
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	KINETIS KE16F: 160MHZ CORTEX-M4F
Datasheets:	
Stock Condition	13768 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

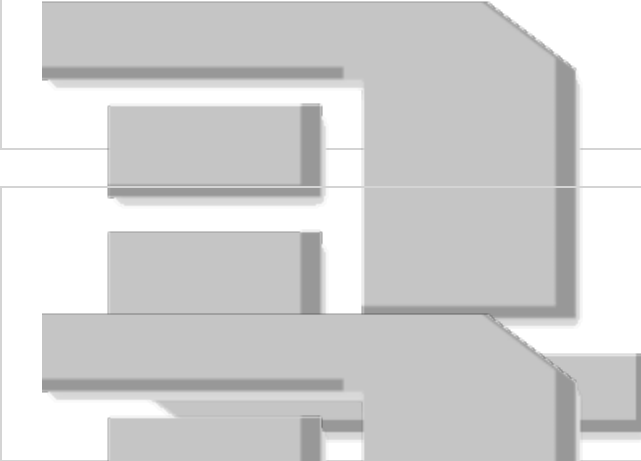
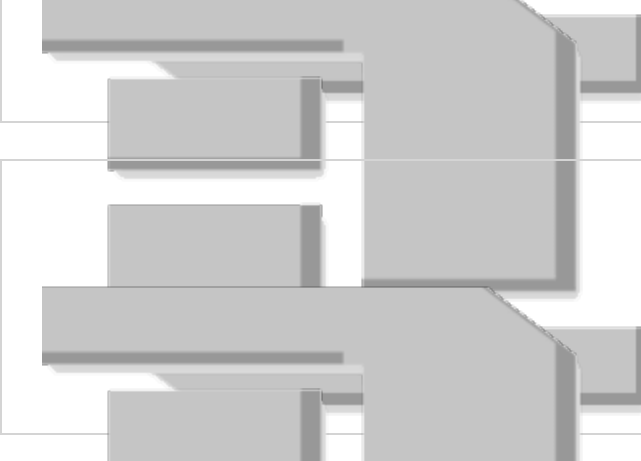
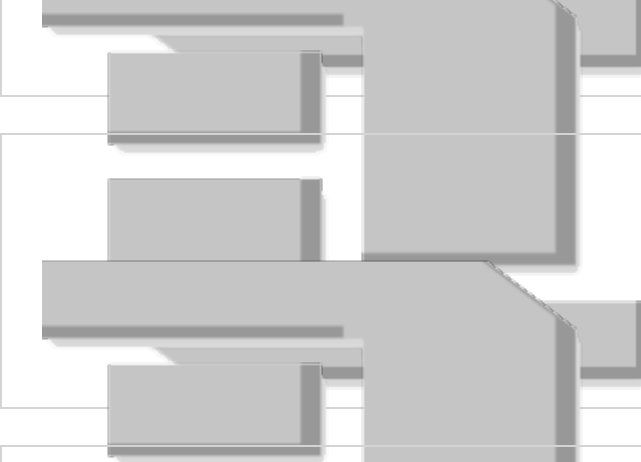
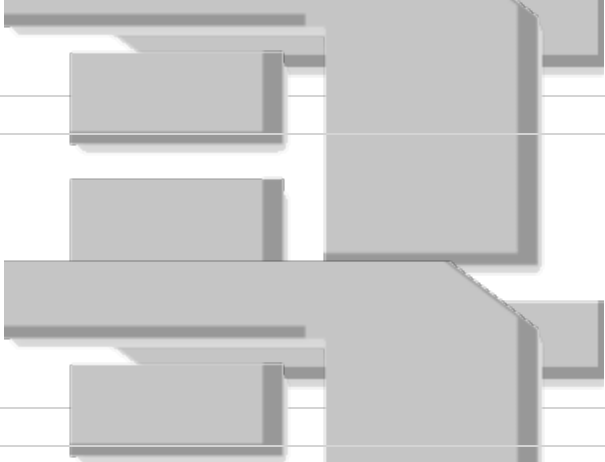
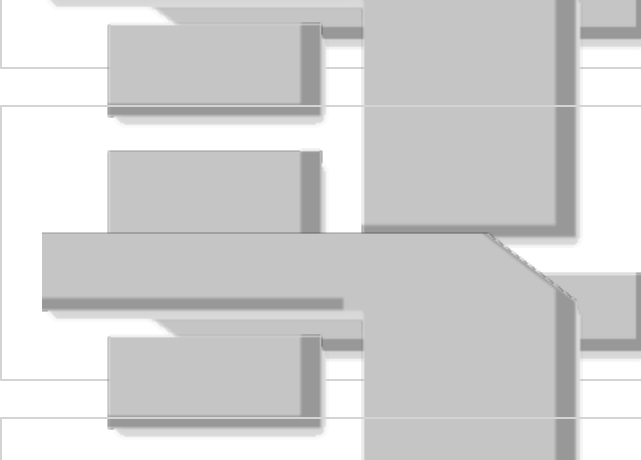
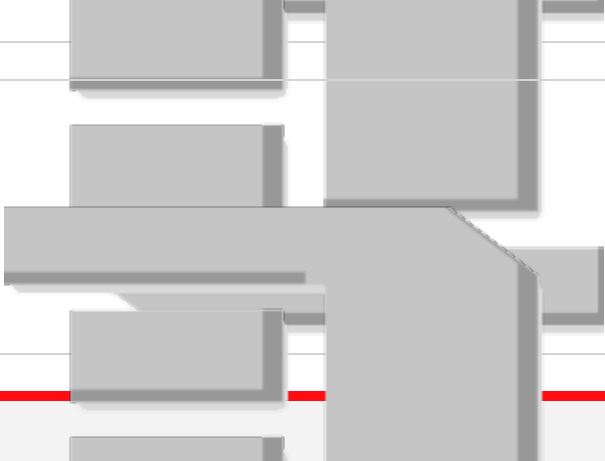
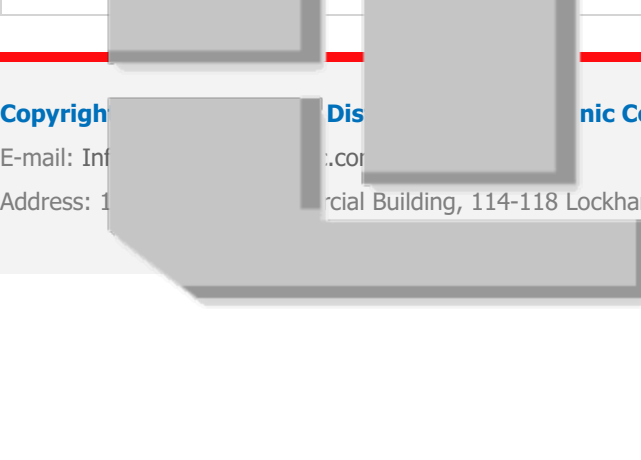
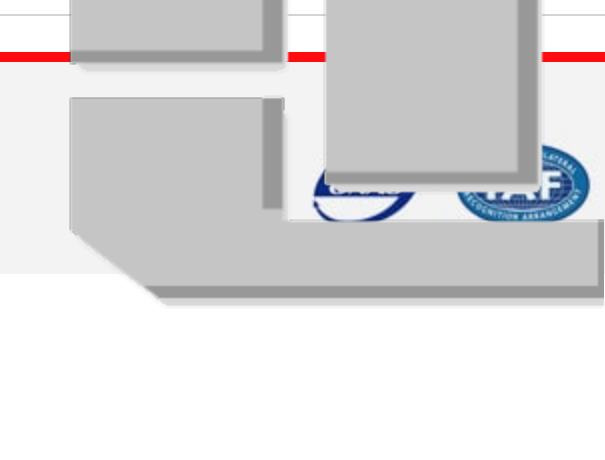
Specifications of MKE16F256VLH16

PART NUMBER	MKE16F256VLH16
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	KINETIS KE16F: 160MHZ CORTEX-M4F
LEAD FREE STATUS / ROHS STATUS	
QUANTITY AVAILABLE	13768 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	64-LQFP (10x10)
SPEED	168MHz
SERIES	Kinetis KE1xF
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	DMA, LVD, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-LQFP
OTHER NAMES	568-14496 935324962557 MKE16F256VLH16-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	58
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
EEPROM SIZE	68K x 8
DETAILED DESCRIPTION	ARM® Cortex®-M4F Kinetis KE1xF Microcontroller IC 32-Bit 168MHz 256KB (256K x 8) FLASH 64-LQFP (10x10)
DATA CONVERTERS	A/D 16x12b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4F
CONNECTIVITY	CANbus, FlexIO, I²C, SPI, UART/USART

Related Tags

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Related Products

	MKE16F512VLH16 Manufacturers: NXP Description: KINETIS KE16F: 160MHZ CORTEX-M4F In stock: 10707 pcs RFQ		MKE15Z256VLL7 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 14419 pcs RFQ
	MKE16F512VLL16 Manufacturers: NXP Description: KINETIS KE16F: 160MHZ CORTEX-M4F In stock: 12614 pcs RFQ		MKE15Z128VLL7 Manufacturers: NXP Description: KINETIS KE15Z: 72MHZ CORTEX-M0 In stock: 20427 pcs RFQ
	MKE14Z256VLH7R Manufacturers: NXP Description: MT256P PHANTOM 64LQFP In stock: 28084 pcs RFQ		MKE18F256VLL16 Manufacturers: NXP Description: KINETIS KE18F: 160MHZ CORTEX-M4F In stock: 16006 pcs RFQ
	MKE14Z256VLL7 Manufacturers: NXP Description: KINETIS KE14Z: 72MHZ CORTEX-M0+ In stock: 16667 pcs RFQ		MKE18F512VLH16 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: 11239 pcs RFQ
	MKE16F256VLL16 Manufacturers: NXP Description: KINETIS KE16F: 160MHZ CORTEX-M4F In stock: 18563 pcs RFQ		MKE18F256VLH16 Manufacturers: NXP Description: KINETIS KE18F: 160MHZ CORTEX-M4F In stock: 15095 pcs RFQ
	MKE15Z256VLH7 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 18812 pcs RFQ		MKE15Z128VLH7 Manufacturers: NXP Description: KINETIS KE1XZ256 MCUS In stock: 24317 pcs RFQ

