MK70FX512VMJ15

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Part Number: MK70FX512VMJ15
Manufacturer NXP Semiconductors / Freescale
Description IC MCU 32BIT 512KB FLASH 256BGA
Data sheet: Kinetis Mask Set 3N96B Errata
K70_MJ15 Datasheet
K70_MJ12/15 Ref Manual
K70 Family Brief

RoHs Status: Lead free / RoHS Compliant
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

PRODUCT PARAMETER

Part Number	MK70FX512VMJ15	**Manufacturer**	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 256BGA	**Lead Free Status / RoHS Status**	Lead free / RoHS Compliant
Quantity Available	7718 pcs	**Data sheet**	Kinetis Mask Set 3N96B Errata K70_MJ15 Datasheet K70_MJ12/15 Ref Manual K70 Family Brief
Category	Integrated Circuits (ICs)	**Voltage - Supply (Vcc/Vdd)**	1.71 V ~ 3.6 V
Supplier Device Package	256-MAPPBGA (17x17)	**Speed**	150MHz
Series	Kinetis K70	**RAM Size**	128K x 8
Program Memory Type	FLASH	**Program Memory Size**	512KB (512K x 8)
Peripherals	DMA, I²S, LCD, LVD, POR, PWM, WDT	**Packaging**	Tray
Package / Case	256-LBGA	**Other Names**	935317627557
Oscillator Type	Internal	**Operating Temperature**	-40°C ~ 105°C (TA)
Number of I/O	128	**Moisture Sensitivity Level (MSL)**	3 (168 Hours)
Manufacturer Standard Lead Time	13 Weeks	**Lead Free Status / RoHS Status**	Lead free / RoHS Compliant
EEPROM Size	16K x 8	**Detailed Description**	ARM® Cortex®-M4 Kinetis K70 Microcontroller IC 32-Bit 150MHz 512KB (512K x 8) FLASH 256-MAPPBGA (17x17)
Data Converters	A/D 71x16b, D/A 2x12b	**Core Size**	32-Bit
Core Processor	ARM® Cortex®-M4	**Connectivity**	CANbus, EBI/EMI, Ethernet, I²C, IrDA, SD, SPI, UART/USART, USB, USB OTG
Base Part Number	MK70FX512		

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RELATED PRODUCTS

Part#: MK712RITR — Manufacturers: IDT (Integrated Device Technology) — RFQ
Description: IC SCREEN CNTRL 12BIT 28QSOP

Part#: MK712RLFTR — Manufacturers: IDT (Integrated Device Technology) — RFQ
Description: IC SCREEN CNTRL 12BIT 28QSOP

Part#: MK712SLF — Manufacturers: IDT (Integrated Device Technology) — RFQ
Description: IC SCREEN CNTRL 12BIT 28SOIC

Part#: MK712STR — Manufacturers: IDT (Integrated Device Technology) — RFQ
Description: IC SCREEN CNTRL 12BIT 28SOIC

Part#: MK7-449 — Manufacturers: HellermannTyton — RFQ
Description: REPLACEMENT BLADE FOR MARK 7

Part#: MK712RTR — Manufacturers: IDT (Integrated Device Technology) — RFQ
Description: IC SCREEN CNTRL 12BIT 28QSOP

Part#: MK712RLF — Manufacturers: IDT (Integrated Device Technology) — RFQ
Description: IC SCREEN CNTRL 12BIT 28QSOP

Part#: MK70FN1M0VMJ15 — Manufacturers: NXP Semiconductors / Freescale — RFQ
Description: IC MCU 32BIT 1MB FLASH 256MAPBGA

Part#: MK712SLFTR — Manufacturers: IDT (Integrated Device Technology) — RFQ
Description: IC SCREEN CNTRL 12BIT 28SOIC

Part#: MK70FN1M0VMJ12R — Manufacturers: NXP Semiconductors / Freescale — RFQ
Description: KINETIS K70: 120MHZ CORTEX-M4F G

Part#: MK712R — Manufacturers: IDT (Integrated Device Technology) — RFQ
Description: IC SCREEN CNTRL 12BIT 28QSOP

Part#: MK712SILFTR — Manufacturers: IDT (Integrated Device Technology) — RFQ
Description: IC SCREEN CNTRL 12BIT 28SOIC

Part#: MK70FX512VMJ12 — Manufacturers: NXP Semiconductors / Freescale — RFQ
Description: IC MCU 32BIT 512KB FLASH 256BGA

Part#: MK74CB218BR — Manufacturers: IDT (Integrated Device Technology) — RFQ
Description: IC CLK BUFFER 1:8 200MHZ 28QSOP

Part#: MK712S — Manufacturers: IDT (Integrated Device Technology) — RFQ
Description: IC SCREEN CNTRL 12BIT 28SOIC

Part#: MK70FN1M0VMJ15R — Manufacturers: NXP Semiconductors / Freescale — RFQ
Description: KINETIS K70: 150MHZ CORTEX-M4F G

Part#: MK712SILF — Manufacturers: IDT (Integrated Device Technology) — RFQ
Description: IC SCREEN CNTRL 12BIT 28SOIC

Part#: MK70FN1M0VMJ12 — Manufacturers: NXP Semiconductors / Freescale — RFQ
Description: IC MCU 32BIT 1MB FLASH 256MAPBGA

Part#: MK7 — Manufacturers: HellermannTyton — RFQ
Description: MARK 7 TENSION/CUT-OFF TOOL

Part#: MK712RI — Manufacturers: IDT (Integrated Device Technology) — RFQ
Description: IC SCREEN CNTRL 12BIT 28QSOP

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