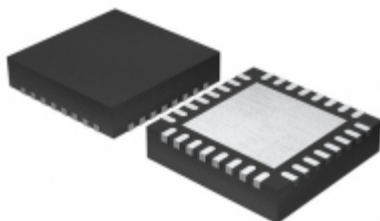


MKS22FN256VFT12



Part Number: [MKS22FN256VFT12](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 256KB FLASH 48QFN

Data sheet:  [KS22,KS20 Family Reference Manual](#)
 [KS22,KS20 Product Brief](#)

RoHs Status: Lead free / RoHS Compliant

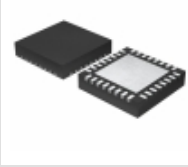
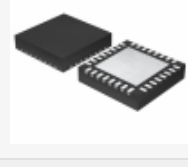
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	MKS22FN256VFT12	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 256KB FLASH 48QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	26771 pcs	Data sheet	KS22,KS20 Family Reference Manual KS22,KS20 Product Brief
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	48-QFN (7x7)	Speed	120MHz
Series	Kinetis KS22	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	48-VFQFN Exposed Pad	Other Names	568-14385 935313311557 MKS22FN256VFT12-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	35	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4 Kinetis KS22 Microcontroller IC 32-Bit 120MHz 256KB (256K x 8) FLASH 48-QFN (7x7)	Data Converters	A/D 1x16b, D/A 1x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4
Connectivity	CANbus, I ² C, SPI, UART/USART, USB OTG		
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RELATED PRODUCTS			
	Part#: MKS20FN128VLL12 Description: KINETIS S 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKS2B043301H00MSSD Description: CAP FILM 3.3UF 20% 50VDC RAD	Manufacturers: WIMA	RFQ
	Part#: MKS2B036801C00JSSD Description: CAP FILM 0.68UF 5% 50VDC RAD	Manufacturers: WIMA	RFQ
	Part#: MKS22FN256VLL12 Description: KINETIS S 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKS22FN128VLL12 Description: KINETIS S 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKS2B036801C00KSSD Description: CAP FILM 0.68UF 10% 50VDC RAD	Manufacturers: WIMA	RFQ
	Part#: MKS2B033301A00KSSD Description: CAP FILM 0.33UF 10% 50VDC RAD	Manufacturers: WIMA	RFQ
	Part#: MKS1XTN-10 DC48 Description: RELAY GEN PURPOSE SPST 10A 48V	Manufacturers: Omron Automation & Safety	RFQ
	Part#: MKS2B033301A00MSSD Description: CAP FILM 0.33UF 20% 50VDC RAD	Manufacturers: WIMA	RFQ
	Part#: MKS2B041501E00JSSD Description: CAP FILM 1.5UF 5% 50VDC RAD	Manufacturers: WIMA	RFQ
	Part#: MKS22FN128VFT12 Description: IC MCU 32BIT 128KB FLASH 48QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKS20FN256VLH12 Description: KINETIS S 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKS20FN256VLL12 Description: KINETIS S 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MKS22FN256VLH12 Description: KINETIS S 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKS2B044701K00KSC9 Description: CAP FILM 4.7UF 10% 50VDC RAD	Manufacturers: WIMA	RFQ
	Part#: MKS2B044701K00JSSD Description: CAP FILM 4.7UF 5% 50VDC RAD	Manufacturers: WIMA	RFQ
	Part#: MKS20FN256VFT12 Description: IC MCU 32BIT 256KB FLASH 48QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ

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