

MKS20FN256VLL12



Part Number: [MKS20FN256VLL12](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: KINETIS S 32-BIT MCU ARM CORTEX

Data sheet:  [MKS22FNzzzVxx12](#), [MKS20FNzzzVxx12](#)

RoHs Status:

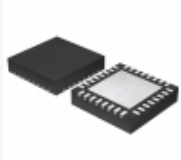
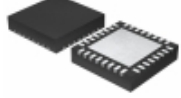
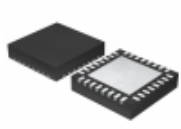
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PRODUCT PARAMETER			
Part Number	MKS20FN256VLL12	Manufacturer	NXP Semiconductors / Freescale
Description	KINETIS S 32-BIT MCU ARM CORTEX	Lead Free Status / RoHS Status	
Quantity Available	16420 pcs	Data sheet	MKS22FNzzzVxx12
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	MKS20FNzzzVxx12 1.71 V ~ 3.6 V
Supplier Device Package	100-LQFP (14x14)	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	100-LQFP	Other Names	935323776557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	66	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	13 Weeks	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4 Kinetis KS22 Microcontroller IC 32-Bit 120MHz 256KB (256K x 8) FLASH 100-LQFP (14x14)	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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	Part#: MKS22FN256VFT12 Description: IC MCU 32BIT 256KB FLASH 48QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKS1XTN-10 DC12 Description: RELAY GEN PURPOSE SPST 10A 12V	Manufacturers: Omron Automation & Safety	RFQ
	Part#: MKS22FN128VLL12 Description: KINETIS S 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKS22FN256VLH12 Description: KINETIS S 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MKS20FN128VLL12 Description: KINETIS S 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MKS22FN128VFT12 Description: IC MCU 32BIT 128KB FLASH 48QFN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MKS1XTN-10 DC24 Description: RELAY GEN PURPOSE SPST 10A 24V	Manufacturers: Omron Automation & Safety	RFQ
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	Part#: MKS2B036801C00KSSD Description: CAP FILM 0.68UF 10% 50VDC RAD	Manufacturers: WIMA	RFQ
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	Part#: MKS22FN256VLL12 Description: KINETIS S 32-BIT MCU ARM CORTEX	Manufacturers: NXP Semiconductors / Freescale	RFQ

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