



NXP Semiconductors / Freescale

MKS20FN256VLL12

Part Number:	MKS20FN256VLL12
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	KINETIS S 32-BIT MCU ARM CORTEX
Datasheets:	 MKS20FN256VLL12.pdf
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

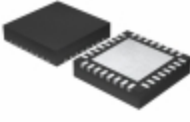
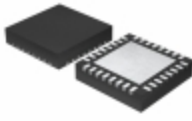
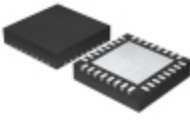
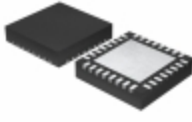
Specifications of MKS20FN256VLL12

PART NUMBER	MKS20FN256VLL12
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	KINETIS S 32-BIT MCU ARM CORTEX
LEAD FREE STATUS / ROHS STATUS	
DATA SHEET	 MKS20FN256VLL12.pdf
VOLTAGE - SUPPLY (VCC/VDD)	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, I²S, 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, I²C, SPI, UART/USART, USB OTG

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