

# MK22FN256VLL12R

#### MK22FN256VLL12R Information

Heisener.com	Part Number Manufacturer Category Description Package	MK22FN256VLL12R NXP Integrated Circuits (ICs) Embedded - Microcontrollers KINETIS K 32-BIT MCU ARM CORTEX - For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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## MK22FN256VLL12R Specifications

ManufacturerNXPCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage-SeriesKinetis K20Core ProcessorARM® Cortex@-M4Core Size32-BitSpeed120MHzConnectivityPC, IrDA, SPI, UART/USART, USB, USB OTGPorpineralsDMA, P'S, LVD, POR, PWM, WDTNumber of I/O66Program Memory Size256KB (256K x 8)EEPROM Size-RAM Size48K x 8Voltage - Supply (Vcc/Vdd)1,71 v - 3.6 VData ConvertersAnd Size (D, A) Size (D,			
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage-SeriesKinetis K20Core ProcessorARM® Cortex@-M4Core Size32-BitSpeed120MHzConnectivityPC, IrDA, SPI, UART/USART, USB, USB OTGPeripheralsDMA, P'S, LVD, POR, PWM, WDTNumber of I/O66Program Memory Size256KB (256K x 8)EEPROM Size-RAM Size48K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 3.6 VData ConvertersA/D 33x16b, D/A 1x12bOperating Temperature-40°C ~ 105°C (TA)Munting Type-Package / Case-Supplier Device Package-Supplier Device Package-	Manufacturer Part Number	MK22FN256VLL12R	
Embedded - MicrocontrollersPackage-SeriesKinetis K20Core ProcessorARM® Cortex®-M4Core Size32-BitSpeed120MHzConnectivityPC, IrDA, SPI, UART/USART, USB, USB OTGPeripheralsDMA, I²S, LVD, POR, PWM, WDTNumber of I/O66Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size48K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 3.6 VData ConvertersA/D 33x16b, D/A 1x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Package / Case-Supplier Device Package-	Manufacturer	NXP	
Package-SeriesKinetis K20Core ProcessorARM® Cortex®-M4Core Size32-BitSpeed120MHzConnetivityPC, IrDA, SPI, UART/USART, USB, USB OTGPeripheralsDMA, I*S, LVD, POR, PWM, WDTNumber of I/O66Program Memory Size256KB (256K x 8)PERPROM Size-RAM Size48K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 3.6 VData ConvertersA/D 33x16b, D/A 1x12bOscillator Type-Package / Case-Supplier Device Package-Supplier Device Package-	Category	Integrated Circuits (ICs)	
SeriesKinetis K20Core ProcessorARM® Cortex®-M4Core Size32-BitSpeed120MHzConnectivityFC, IrDA, SPI, UART/USART, USB, USB OTGPeripheralsDMA, PS, LVD, POR, PWM, WDTNumber of I/O66Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size48K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 3.6 VData ConvertersA/D 33x16b, D/A 1x12bOscillator Type-Mounting Type-Prakage / Case-Supplier Device Package-Supplier Device Package-		Embedded - Microcontrollers	
Core ProcessorARM® Cortex®-M4Core Size32-BitSpeed120MHzConnectivityPC, IrDA, SPI, UART/USART, USB, USB OTGPeripheralsDMA, PS, LVD, POR, PWM, WDTNumber of I/O66Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size48K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 3.6 VData ConvertersA/D 33x16b, D/A 1x12bOscillator Type-Porating Temperature-Pockage / Case-Supplier Device Package-Supplier Device Package-	Package	-	
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Speed120MHzConnectivityPC, IrDA, SPI, UART/USART, USB, USB OTGPeripheralsDMA, I*S, LVD, POR, PWM, WDTNumber of I/O66Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size48K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 3.6 VData ConvertersA/D 33x16b, D/A 1x12bOscillator Type-40°C ~ 105°C (TA)Mounting Type-Package / Case-Supplier Device Package-	Core Processor	ARM® Cortex®-M4	
ConnectivityPC, IrDA, SPI, UART/USART, USB, USB OTGPeripheralsDMA, PS, LVD, POR, PWM, WDTNumber of I/O66Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size48K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 3.6 VData ConvertersA/D 33x16b, D/A 1x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case-Supplier Device Package-	Core Size	32-Bit	
PeripheralsDMA, I2S, LVD, POR, PWM, WDTNumber of I/O66Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size48K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 3.6 VData ConvertersA/D 33x16b, D/A 1x12bOscillator TypeInternalOperating Temperature-Package / Case-Supplier Device Package-Supplier Device Package-	Speed	120MHz	
Number of I/O66Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size48K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 3.6 VData ConvertersA/D 33x16b, D/A 1x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case-Supplier Device Package-Supplier Device Package-	Connectivity	I²C, IrDA, SPI, UART/USART, USB, USB OTG	
Program Memory Size256KB (256K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size48K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 3.6 VData ConvertersA/D 33x16b, D/A 1x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case-Supplier Device Package-	Peripherals	DMA, I2S, LVD, POR, PWM, WDT	
Program Memory TypeFLASHEEPROM Size-RAM Size48K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 3.6 VData ConvertersA/D 33x16b, D/A 1x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case-Supplier Device Package-	Number of I/O	66	
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RAM Size48K x 8Voltage - Supply (Vcc/Vdd)1.71 V ~ 3.6 VData ConvertersA/D 33x16b, D/A 1x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case-Supplier Device Package-	Program Memory Type	FLASH	
Voltage - Supply (Vcc/Vdd)1.71 V ~ 3.6 VData ConvertersA/D 33x16b, D/A 1x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case-Supplier Device Package-	EEPROM Size	-	
Data ConvertersA/D 33x16b, D/A 1x12bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case-Supplier Device Package-	RAM Size	48K x 8	
Oscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case-Supplier Device Package-And Case-And Case <td< td=""><td>Voltage - Supply (Vcc/Vdd)</td><td>1.71 V ~ 3.6 V</td><td></td></td<>	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V	
Operating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case-Supplier Device Package-Supplier Device Package-	Data Converters	A/D 33x16b, D/A 1x12b	
Mounting Type-Package / Case-Supplier Device Package-Supplier Device Package-	Oscillator Type	Internal	
Package / Case-Supplier Device Package-	Operating Temperature	-40°C ~ 105°C (TA)	
Supplier Device Package -	Mounting Type	-	
	Package / Case	-	
Report errors?	Supplier Device Package	-	
			Report errors?

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