

## LPC1112FHN33/102,5

#### LPC1112FHN33/102,5 Information

WWW. Construction France	Part Number Manufacturer Category Description Package	Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 32BIT 16KB FLASH 33HVQFN 32-VQFN Exposed Pad 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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#### LPC1112FHN33/102,5 Specifications

ManufacturerNXPCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage32-VQFN Exposed PadSeriesLPC1100LCore ProcessorARM? Cortex?-M0Core Size32-BitSpeed50MHzConnectivityI2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O28Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-	ý <b>*</b>	
CategoryIntegrated Circuits (ICs)PackageEmbedded - MicrocontrollersPackage32-VQFN Exposed PadSeriesLPC1100LCore ProcessorARM? Cortex?-M0Core Size32-BitSpeed50MHzConnectivityICc, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O28Program Memory SizeIGK 16K x 8)EEPROM Size-RAM Size2K x 8Voltage - Supply (Vcc/Vdd)18 V ~ 3.6 VDotat ConvertersADD 8x10bOperating Temperature40°C ~ 85°C (TA)Mounting Type52-VQFN Exposed PadSpeder Case32-VQFN Exposed PadSpeder Case32-VQFN Exposed PadSpeder Case32-VQFN Exposed PadSpeder Case32-VQFN Exposed PadSupplier Device Package32-HVQFN (7x7)	Manufacturer Part Number	LPC1112FHN33/102,5
Embedded - MicrocontrollersPackage32-VQFN Exposed PadSeriesLPC1100LCore ProcessorARM? Cortex?-M0Core Size32-BitSpeed50MHzConnectivityI2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O28Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersAD 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type52-VQFN Exposed PadSupplier Device Package32-HVQFN (7x7)	Manufacturer	NXP
Package32-VQFN Exposed PadSeriesLPC1100LCore ProcessorARM? Cortex?-M0Core Size32-BitSpeed50MHzConnectivityI2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O28Program Memory SizeI6KB (16K x 8)PerPMemory TypeFLASHEEPROM Size-NufszeSuft valueVoltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type2-VQFN Exposed PadSupplier Device Package32-VQFN (7x7)	Category	Integrated Circuits (ICs)
SeriesLPC1100LCore ProcessorARM? Cortex?-M0Core Size32-BitSpeed50MHzConnectivityI2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O28Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-Package / Case32-VQFN Exposed PadSupplier Device Package32-HVQFN (7x7)		Embedded - Microcontrollers
Core ProcessorARM? Cortex?-M0Core Size32-BitSpeed50MHzConnectivity12C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O28Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type52-VQFN Exposed PadSupplier Device Package32-HVQFN (7x7)	Package	32-VQFN Exposed Pad
Core Size32-BitSpeed50MHzConnectivity12C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O28Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type52-VQFN Exposed PadSupplier Device Package32-HVQFN (7x7)	Series	LPC1100L
Speed50MHzConnectivityI2C, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O28Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type52-VQFN Exposed PadSupplier Device Package32-HQFN (7x7)	Core Processor	ARM? Cortex?-M0
Connectivity     I2C, SPI, UART/USART       Peripherals     Brown-out Detect/Reset, POR, WDT       Number of I/O     28       Program Memory Size     16KB (16K x 8)       Program Memory Type     FLASH       EEPROM Size     -       RAM Size     2K x 8       Voltage - Supply (Vcc/Vdd)     1.8 V ~ 3.6 V       Data Converters     A/D 8x10b       Operating Temperature     -40°C ~ 85°C (TA)       Mounting Type     -       Package / Case     32-VQFN Exposed Pad       Supplier Device Package     32-HVQFN (7x7)	Core Size	32-Bit
Peripherals     Brown-out Detect/Reset, POR, WDT       Number of I/O     28       Program Memory Size     16KB (16K x 8)       Program Memory Type     FLASH       EEPROM Size     -       RAM Size     2K x 8       Voltage - Supply (Vcc/Vdd)     1.8 V ~ 3.6 V       Data Converters     A/D 8x10b       Oscillator Type     Internal       Operating Temperature     -40°C ~ 85°C (TA)       Package / Case     32-VQFN Exposed Pad       Supplier Device Package     32-HVQFN (7x7)	Speed	50MHz
Number of I/O     28       Program Memory Size     16KB (16K x 8)       Program Memory Type     FLASH       EEPROM Size     -       RAM Size     2K x 8       Voltage - Supply (Vcc/Vdd)     1.8 V ~ 3.6 V       Data Converters     A/D 8x10b       Oscillator Type     Internal       Operating Temperature     -40°C ~ 85°C (TA)       Mounting Type     -       Package / Case     32-VQFN Exposed Pad       Supplier Device Package     32-HVQFN (7x7)	Connectivity	I2C, SPI, UART/USART
Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case32-VQFN Exposed PadSupplier Device Package32-HVQFN (7x7)	Peripherals	Brown-out Detect/Reset, POR, WDT
Program Memory TypeFLASHEEPROM Size-RAM Size2K x 8Voltage - Supply (Vcc/Vd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case32-VQFN Exposed PadSupplier Device Package32-HVQFN (7x7)	Number of I/O	28
EEPROM Size-RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case32-VQFN Exposed PadSupplier Device Package32-HVQFN (7x7)	Program Memory Size	16KB (16K x 8)
RAM Size2K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case32-VQFN Exposed PadSupplier Device Package32-HVQFN (7x7)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case32-VQFN Exposed PadSupplier Device Package32-HVQFN (7x7)	EEPROM Size	-
Data ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case32-VQFN Exposed PadSupplier Device Package32-HVQFN (7x7)	RAM Size	2K x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case32-VQFN Exposed PadSupplier Device Package32-HVQFN (7x7)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case32-VQFN Exposed PadSupplier Device Package32-HVQFN (7x7)	Data Converters	A/D 8x10b
Mounting Type-Package / Case32-VQFN Exposed PadSupplier Device Package32-HVQFN (7x7)	Oscillator Type	Internal
Package / Case32-VQFN Exposed PadSupplier Device Package32-HVQFN (7x7)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 32-HVQFN (7x7)	Mounting Type	-
	Package / Case	32-VQFN Exposed Pad
Report errors?	Supplier Device Package	32-HVQFN (7x7)
		Report errors?

#### LPC1112FHN33/102,5 Guarantees



**Quality Guarantees** 

We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

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#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### LPC1112FHN33/102,5 Payment Methods



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