

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 *	
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.

SERVICE BUARANTEE

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



If you have any question about LPC1112FHN33/102,5, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com