

LPC11U12FBD48/201,

LPC11U12FBD48/201, Information

	Embedded - MicrocontrollersDtionIC MCU 32BIT 16KB FLASH 48LQFPe48-LQFPFor the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

Certified Quality

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LPC11U12FBD48/201, Specifications

ManufacturerNXPCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage48-LQFPSeriesLPC11UxxCore ProcessorARM? Cortex?-M0Core Size32-BitSpeed50MHzConectivityI2C, Microwire, SmartCard, SPI, SSP, UART/USART, USBPeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O40Program Memory SizeI6KB (16K x 8)PEPROM Size-RAM Size6K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOperating Temperature40°C ~ 85°C (TA)Mounting Type-Package / Case48-LQFP (7x7)			
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage48-LQFPSeriesLPC11UxxCore ProcessorARM? Cortex?-M0Core Size32-BitSpeed50MHzConnectivityI2C, Microwire, SmartCard, SPI, SSP, UART/USART, USBPeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O40Program Memory SizeIFLASHEEPROM Size-RAM Size6K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case84-LQFPSupplier Device Package84-LQFP (7x7)	Manufacturer Part Number	LPC11U12FBD48/201,	
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Package 48-LQFP Series LPC11Uxx Core Processor ARM? Cortex?-M0 Core Size 32-Bit Speed 50MHz Connectivity I2C, Microwire, SmartCard, SPI, SSP, UART/USART, USB Peripherals Brown-out Detect/Reset, POR, WDT Number of I/O 40 Program Memory Size I6KB (16K x 8) PERPROM Size - RAM Size 6K 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 48-LQFP Supplier Device Package 48-LQFP	Category	Integrated Circuits (ICs)	
SeriesLPC11UxxCore ProcessorARM? Cortex?-M0Core Size32-BitSpeed50MHzConnectivityI2C, Microwire, SmartCard, SPI, SSP, UART/USART, USBPeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O40Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size6K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case48-LQFP (7x7)		Embedded - Microcontrollers	
Core ProcessorARM? Cortex?-M0Core Size32-BitSpeed50MHzConnectivityI2C, Microwire, SmartCard, SPI, SSP, UART/USART, USBPeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O40Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size6K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator Type-Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-LQFP (7x7)	Package	48-LQFP	
Core Size32-BitSpeed50MHzConnectivityI2C, Microwire, SmartCard, SPI, SSP, UART/USART, USBPeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O40Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size6K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Series	LPC11Uxx	
Speed50MHzConnectivityI2C, Microwire, SmartCard, SPI, SSP, UART/USART, USBPeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O40Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size6K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Core Processor	ARM? Cortex?-M0	
ConnectivityI2C, Microwire, SmartCard, SPI, SSP, UART/USART, USBPeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O40Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size6K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-LQFP (7x7)	Core Size	32-Bit	
PeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O40Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size6K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Speed	50MHz	
Number of I/O40Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size6K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Connectivity	I2C, Microwire, SmartCard, SPI, SSP, UART/USART, USB	
Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size6K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-LQFP (7x7)	Peripherals	Brown-out Detect/Reset, POR, WDT	
Program Memory TypeFLASHEEPROM Size-RAM Size6K x 8Voltage - Supply (Vcc/Vd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Number of I/O	40	
EEPROM Size-RAM Size6K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Program Memory Size	16KB (16K x 8)	
RAM Size6K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-LQFPSupplier Device Package48-LQFP (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 / Case48-LQFPSupplier Device Package48-LQFP (7x7)	EEPROM Size	-	
Data ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	RAM Size	6K x 8	
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V	
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Data Converters	A/D 8x10b	
Mounting Type-Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Oscillator Type	Internal	
Package / Case48-LQFPSupplier Device Package48-LQFP (7x7)	Operating Temperature	-40°C ~ 85°C (TA)	
Supplier Device Package48-LQFP (7x7)	Mounting Type	-	
	Package / Case	48-LQFP	
Report errors?	Supplier Device Package	48-LQFP (7x7)	
			Report errors?

LPC11U12FBD48/201, 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.

LPC11U12FBD48/201, Payment Methods



If you have any question about LPC11U12FBD48/201,, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com