

LPC11U14FBD48/201,

LPC11U14FBD48/201, Information

	Part Number Manufacturer Category Description Package	Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 32BIT 32KB FLASH 48LQFP 48-LQFP 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

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



LPC11U14FBD48/201, Specifications

ManufacturerNXPCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage48-LQFPSeriesLPC11UxxCore ProcessorARM? Cortex?-M0Core Size32-BitSpeed50MHzConnectivityIC2, Microwire, SmartCard, SPI, SSP, UART/USART, USBPeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O40Program Memory SizeSIXB (32K x 8)EEPROM Size-RAM Size6K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersAD 8x10bOperating Temperature-40°C ~ 85°C (TA)Munting Type-Package / Case48-LQFP				
CategoryIntegrated 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 Size32KB (32K x 8)EEPROM Size-RAM Size6K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOperating Temperature-40°C ~ 85°C (TA)Munting Type-Package / Case48-LQFP (7x7)	Manufacturer Part Number	LPC11U14FBD48/201,		
Embedded - MicrocontrollersPackage48-LQFPSeriesLPC11UxxCore ProcessorARM? Cortex?-M0Core Size32-BitSpeed50MHzConnecivityI2C, Microwire, SmartCard, SPI, SSP, UART/USART, USBPeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O40Program Memory Size32KB (32K 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)	Manufacturer	NXP		
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 32KB (32K 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 (7x7)	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 Size32KB (32K 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)Phackage / Case48-LQFPSupplier Device Package48-LQFP (7x7)		Embedded - Microcontrollers		
Core ProcessorARM? Cortex?-M0Core Size32-BitSpeed50MHzConnectivity12C, Microwire, SmartCard, SPI, SSP, UART/USART, USBPeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O40Program Memory Size32KB (32K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size6K x 8Voltage - Supply (Vcc/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator Type-Operating Temperature40°C ~ 85°C (TA)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 Size32KB (32K 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)	Series	LPC11Uxx		
Speed50MHzSpeed50MHzConnectivityI2C, Microwire, SmartCard, SPI, SSP, UART/USART, USBPeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O40Program Memory Size32KB (32K 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 Size32KB (32K 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)	Core Size	32-Bit		
PeripheralsBrown-out Detect/Reset, POR, WDTNumber of I/O40Program Memory Size32KB (32K 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 Size32KB (32K 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 Size32KB (32K 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/Vdd)1.8 V ~ 3.6 VData ConvertersA/D 8x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case48-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	32KB (32K 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?	

LPC11U14FBD48/201, 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.

LPC11U14FBD48/201, Payment Methods



If you have any question about LPC11U14FBD48/201,, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com