

LPC2132FHN64,557

LPC2132FHN64,557 Information

www.basende.com	Part Number Manufacturer Category Description Package	Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 32BIT 64KB FLASH 64HVQFN 64-VFQFN Exposed Pad For the pricing/inventory/lead time, please contact us	
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LPC2132FHN64,557 Specifications

ManufacturerNXPCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage64-VFQFN Exposed PadSeriesLPC2100Core ProcessorARM7?Core Size16/32-BitSpeed60MHzConnectivity12C, Microwire, SPI, SSI, SSP, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O47Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersAJD 8x10b; D/A 1x10bOperating Temperature40°C ~ 85°C (TA)Munuting Type-Package / Case64-VFQFN Exposed Pad		
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage64-VFQFN Exposed PadSeriesLPC2100Core ProcessorARM7?Core Size16/32-BitSpeed60MHzConnectivity12C, Microwire, SPI, SSI, SSP, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O47Program Memory Size64KB (64K x 8)EEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 8x10b; D/A 1x10bOperating Temperature40°C ~ 85°C (TA)Munting Type-Package / Case64-FUQFN Exposed PadSupplier Device Package64-HVQFN (9x9)	Manufacturer Part Number	LPC2132FHN64,557
Embedded - MicrocontrollersPackage64-VFQFN Exposed PadSeriesLPC2100Core ProcessorARM7?Core Size16/32-BitSpeed60MHzConnectivityI2C, Microwire, SPI, SSI, SSP, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O47Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 8x10b; D/A 1x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-HVQFN (sv9)	Manufacturer	NXP
Package 64-VFQFN Exposed Pad Series LPC2100 Core Processor ARM7? Core Size 16/32-Bit Speed 60MHz Connectivity I2C, Microwire, SPI, SSI, SSP, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 47 Program Memory Size 64KB (64K x 8) EEPROM Size - RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 3.6 V Data Converters AD8 x10b; D/A 1x10b Operating Temperature -40°C ~ 85°C (TA) Package / Case 64-VFQFN Exposed Pad Supplier Device Package 64-VFQFN Exposed Pad	Category	Integrated Circuits (ICs)
Series LPC2100 Core Processor ARM7? Core Size 16/32-Bit Speed 60MHz Connectivity I2C, Microwire, SPI, SSI, SSP, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 47 Program Memory Size 64KB (64K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 3.6 V Data Converters A/D 8x10b; D/A 1x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Package / Case 64-VFQFN Exposed Pad Supplier Device Package 64-HVQFN (9x9)		Embedded - Microcontrollers
Core ProcessorARM??Core Size16/32-BitSpeed60MHzConnectivity12C, Microwire, SPI, SSI, SSP, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O47Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 8x10b; D/A 1x10bOscillator Type-Mounting Type-Prokage / Case64-VFQFN Exposed PadSupplier Device Package64-HVQFN (9x9)	Package	64-VFQFN Exposed Pad
Core Size16/32-BitSpeed60MHzConnectivityI2C, Microwire, SPI, SSI, SSP, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O47Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 8x10b; D/A 1x10bOscillator TypeInternalOperating Temperature40°C ~ 85°C (TA)Mounting Type-Package / Case64-WQFN (9x9)	Series	LPC2100
Speed60MHzConnectivityI2C, Microwire, SPI, SSI, SSP, UART/USARTPeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O47Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 8x10b; D/A 1x10bOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-HVQFN (9x9)	Core Processor	ARM7?
Connectivity I2C, Microwire, SPI, SSI, SSP, UART/USART Peripherals Brown-out Detect/Reset, POR, PWM, WDT Number of I/O 47 Program Memory Size 64KB (64K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 3.6 V Data Converters A/D 8x10b; D/A 1x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Package / Case 64-VFQFN Exposed Pad Supplier Device Package 64-HVQFN (9x9)	Core Size	16/32-Bit
PeripheralsBrown-out Detect/Reset, POR, PWM, WDTNumber of I/O47Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 8x10b; D/A 1x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-HVQFN (9x9)	Speed	60MHz
Number of I/O 47 Program Memory Size 64KB (64K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 16K x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 3.6 V Data Converters A/D 8x10b; D/A 1x10b Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Package / Case 64-VFQFN Exposed Pad Supplier Device Package 64-HVQFN (9x9)	Connectivity	I2C, Microwire, SPI, SSI, SSP, UART/USART
Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 8x10b; D/A 1x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-HVQFN (9x9)	Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Program Memory TypeFLASHEEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 8x10b; D/A 1x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-HVQFN (9x9)	Number of I/O	47
EEPROM Size-RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 8x10b; D/A 1x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-HVQFN (9x9)	Program Memory Size	64KB (64K x 8)
RAM Size16K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 8x10b; D/A 1x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-HVQFN (9x9)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 8x10b; D/A 1x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-HVQFN (9x9)	EEPROM Size	-
Data ConvertersA/D 8x10b; D/A 1x10bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-HVQFN (9x9)	RAM Size	16K x 8
Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-HVQFN (9x9)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-HVQFN (9x9)	Data Converters	A/D 8x10b; D/A 1x10b
Mounting Type-Package / Case64-VFQFN Exposed PadSupplier Device Package64-HVQFN (9x9)	Oscillator Type	Internal
Package / Case64-VFQFN Exposed PadSupplier Device Package64-HVQFN (9x9)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 64-HVQFN (9x9)	Mounting Type	-
	Package / Case	64-VFQFN Exposed Pad
Report errors?	Supplier Device Package	64-HVQFN (9x9)
		Report errors?

LPC2132FHN64,557 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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