

LPC1820FBD144,551 Information


For Reference Only

Part Number [LPC1820FBD144,551](#)
Manufacturer NXP
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT ROMLESS 144LQFP
Package 144-LQFP
 For the pricing/inventory/lead time, please contact 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.


LPC1820FBD144,551 Specifications

Manufacturer Part Number	LPC1820FBD144,551
Manufacturer	NXP
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	144-LQFP
Series	LPC18xx
Core Processor	ARM? Cortex?-M3
Core Size	32-Bit
Speed	180MHz
Connectivity	CAN, EBI/EMI, I2C, IrDA, Microwire, SD, SPI, SSI, SSP, UART/USART, USB, USB OTG
Peripherals	Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT
Number of I/O	83
Program Memory Size	-
Program Memory Type	ROMless
EEPROM Size	-
RAM Size	168K x 8
Voltage - Supply (Vcc/Vdd)	2.2 V ~ 3.6 V
Data Converters	A/D 8x10b; D/A 1x10b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	144-LQFP
Supplier Device Package	144-LQFP (20x20)

[Report errors?](#)

LPC1820FBD144,551 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 Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

LPC1820FBD144,551 Payment Methods



LPC1820FBD144,551 Shipping Methods



If you have any question about LPC1820FBD144,551, please do not hesitate to contact us!

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