

LPC1769FBD100 (Active)

512kB flash, 64kB SRAM, Ethernet, USB, LQFP100 package

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Package

LQFP100

LQFP100, plastic low profile quad flat package; 100 leads; 0.5 mm pitch, 14 mm x 14 mm x 1.4 mm body



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Buy Options

LPC1769FBD100,551
935290522551
ACTIVE

10K @ US
\$4.56

[SAMPLE](#) [DISTRIBUTORS](#)
Availability ⓘ

TRAY-Tray, Bakeable, Single in Drypack
Min. Package Quantity: 90
Lead Time: 26 weeks

▶ Available Distributors: LPC1769FBD100,551

LPC1769FBD100K
935290522557
ACTIVE

[DISTRIBUTORS](#)

TRAY-Tray, Bakeable, Multiple in Drypack
Min. Package Quantity: 450
Lead Time: 26 weeks

[SIMILAR SAMPLE](#)

▶ Available Distributors: LPC1769FBD100K

Operating Characteristics

Parameter	Value	Parameter	Value
Operating Frequency [Max] (MHz)	120	ADC (Channels)	1
Flash (kB)	512	ADC (bits)	12
GPIO	70	ADC sample rate	400 ksps
Ethernet	1	Timers	10
USB Controllers	1	Timer (bits)	32
USB (speed)	FS	SCTimer / PWM	1
USB (type)	host/device	Temperature range	-40 °C to +85 °C
CAN	2	Supply voltage [min] (V)	2.4
UART	4	Supply voltage [max] (V)	3.6
I ² C	3	Product category	130-LPC1700-
SPI	2		

Environmental Information

Material Declaration	Pb-Free	EU RoHS	Halogen Free	RHF Indicator	REACH SVHC	Weight (mg)
LPC1769FBD100,551 (935290522551)	Yes	Yes Certificate Of Analysis (CoA)	Yes	D	REACH SVHC	728.2173026584
LPC1769FBD100K (935290522557)	Yes	Yes Certificate Of Analysis (CoA)	Yes	D	REACH SVHC	728.2173026584

Quality Information

Material Declaration	Safe Assure Functional Safety	Moisture Sensitivity Level (MSL)		Peak Package Body Temperature (PPT) (C°)	
		Lead Soldering	Lead Free Soldering	Lead Soldering	Lead Free Soldering
LPC1769FBD100,551 (935290522551)	No	3	3	240	260
LPC1769FBD100K (935290522557)	No	3	3	240	260

Shipping Information

Part Number	Harmonized Tariff (US) Disclaimer	Export Control Classification Number (US)
LPC1769FBD100,551 (935290522551)	854231	EAR99
LPC1769FBD100K (935290522557)	854231	EAR99

Product Change Notification

Part Number / 12NC	Issue Date	Effective Date	PCN	Title
LPC1769FBD100,551 (935290522551)	2018-02-02	2018-02-12	201801029I	Changing Packing Trays for Products in 14x14 and 20x20 (H)LQFP Packages.

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