Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

sigfox

SDR Dongle

- USB stick connected to laptop

- Sigfox radio via SMA connector

- Suitable for all radio configurations

- Compatible with Sigfox Network Emulator and Radio Signal Analyser software packages

Sigfox SDR dongle is an USB device associated to a Software package that emulates the Sigfox network. It is intended solely for product or software designers for use in a research and development setting.

Sigfox SDR Dongle runs in conducted mode with the object under development and is compatible with all European and FCC bands. Depending on the software used, it allows to develop applications without concern for network coverage issues or analyse radio signals.

More information about the software packages available and download instructions can be found on: **www.support.sigfox.com/products/SDR-dongle**.

RF CONDUCTED CHARACTERISTICS	
SOperating frequency	865-870 MHz, 902-928 MHz software configurable
Monitored spectrum	192kHz
Receiver Sensitivity	-64dBm @ 100bps
Transmit Power	14dBm
Uplink bit rate	100b/s and 600b/s software configurable
Connector	SMA female
INTERFACES	
USB port	USB 2.0 HS
POWER	
Power Consumption	0.2A typ. @5VDC
Max. rating input voltage	6V
MECHANICAL AND ENVIRONMENTAL	
Product dimensions	80 x 25 x 10 mm (3.1 x 1 x 0.4 in)
Product weight	20g (0.7 oz.)
Storage temperature	-20°C to +75°C
Operating temperature & relative humidity	0°C to +40°C 30% to 70%
Max. operating altitude	2000 m above sea level
Environment	Pollution Degree 2
Casing material	ABS
COMPLIANCE	
Safety	EN 60950-1, IEC 60950-1 EN 60950-22, IEC60950-22

About Sigfox

Sigfox is the world's leading provider of connectivity for the Internet of Things (IoT). The company has built a global network to connect billions of devices to the Internet while consuming as little energy as possible, as simply as possible.

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