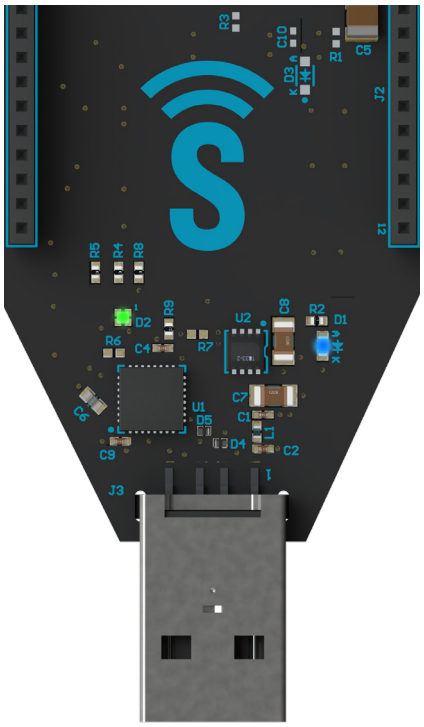
SN132 SNAPstick USB to SNAP RF Module Bridge

SNAP Network Access from a USB Port

The SN132 SNAPstick is a compact, easy way to connect a PC to a SNAP wireless network. It supports all Synapse RF engine models and is fully compatible with the Synapse Portal management software. The SNAPstick supports on-board reset which allows the user to do serial firmware updates, serial script updates, factory defaults, etc. for the RF module through the USB interface. This allows Portal to automatically do a reset when required for specific serial type functions such as recovering an unresponsive node.



Product Highlights

- Turns any SNAP RF module into a “SNAP Stick” Bridge Node
- Powered by SNAP Network Operating System

The SN132 is ideal for:

- SNAP application development
- Data sniffing
- Deploying application scripts to remote nodes
- Managing and configuring SNAP nodes
- Troubleshooting SNAP networks

6723 Odyssey Drive // Huntsville, AL 35806
(877) 982-7888 // Synapse-Wireless.com

DOC-1000249-A-1

SN132 Specifications

Performance	Compatiable SNAP modules	RF200P81, RF200PU1, RF220UF1, RF220SU
	USB Power	5V, 500mA
General	Dimensions	1.50” x 2.54” x 0.27” 38.1 x 64.9 x 6.85 mm (w/o radio)
	Operating Temperature	32 - 158 deg F. 0 to 70 deg C.
	Weight	9 grams (w/o radio)
Networking	Topology	SNAP Mesh
	Number of Channels	15 channels typical. (Dependent on RF Module being used)

Orderable Part Number Information

Part Number	Description
SN132-001	SNAPstick USB to SNAP RF Module Bridge Device

The SN132 was designed to primarily act as a bridge device. The only user-accessible GPIO is connected to the multi-color LED, controlled by SNAP GPIOs D1, D2, and D3.

LED State	D1	D2	D3
Off	High (True)	High (True)	High (True)
Red	Low (False)	High (True)	High (True)
Green	High (True)	Low (False)	High (True)
Blue	High (True)	High (True)	Low (False)