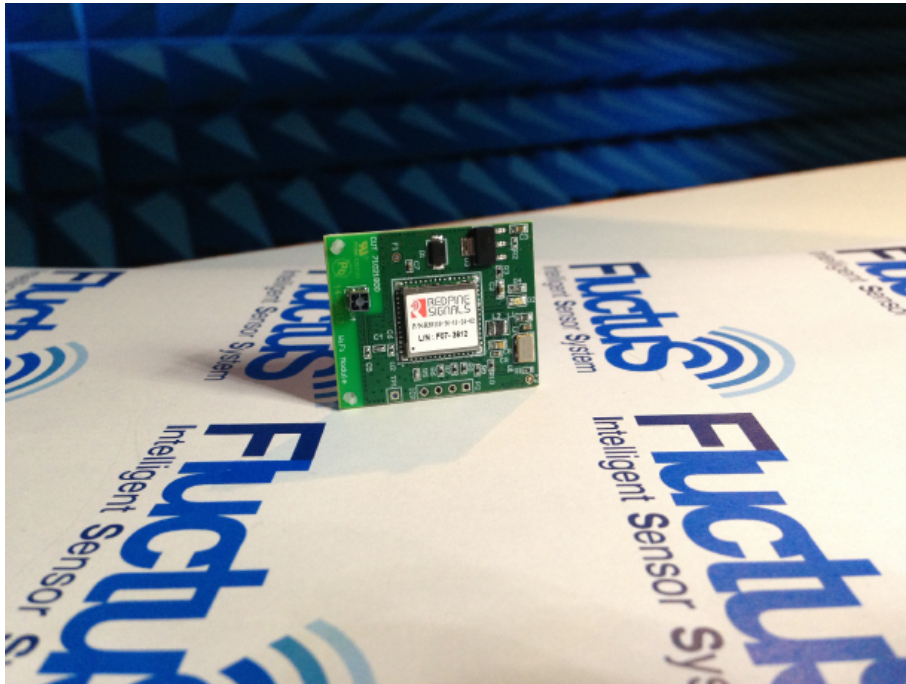


FluctuS WiFi Module

FluctuS WiFi Module - FL01-WM01






The **WiFi module** allows you to increase the connectivity of your FluctuS Mother Board, in order to reach **FluctuS Cloud** in real time.

The module is equipped with a PCB antenna for a totally integrated solution into the Mother Board.

It is possible to control the WiFi module by:

- Standard AT Commands
- Fluctus Bios Library

	802.11 b/g/n
	WLAN connectivity
	AT Commands
	Serial interface
	Integrated Antenna

Product Features

General	
IEEE WLAN Standard	802.11 b/g/n
Bit Rate	11 to 56 Mbps
RF Band	2.412 ÷ 2.484 Ghz
Autentication	WPA and WPA-PSK
Supply voltage	3.8V , 280 mA
Temperature range	-40 °C / + 85 °C
Max Tx Power	+15 dBm
Rx Sensitivity	- 97 dBm at 1Mbps - 71 dBm at 65Mbps

Interface
Connector compatible with FluctuS Main Board
Integrated Chip Antenna
UART port Interface TTL 2.8V (Tx, Rx Only)
UART baud rates from 9600bps to 115200bps

Additional Features
Integrated ON/OFF and Power Save Modes
Network Status LED on FluctuS Main Board

Control
AT commands
FluctuS Bios functions

Visit www.e-fluctus.com for more information

Installation Guide

STEP 1

Module view



STEP 2

Insert Module in P6 connector and insert spacers in mounting holes

