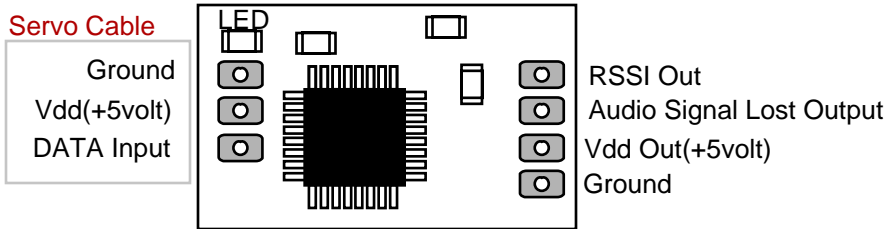

RSSI Converter for Spectrum AR7000 Receivers

Data Sheet



DATA Input

Serial data from the AR7000 receiver.

LED Output

The LED blinks with each package lost.

RSSI Out

Analog RSSI Output between 0 and Vdd voltage range.

%0 package lost = 5v
%10 package lost = 4.5v
%20 package lost = 4.0v
%30 package lost = 3.5v
%40 package lost = 3.0v
%50 package lost = 2.5v
%60 package lost = 2.0v
%70 package lost = 1.5v
%80 package lost = 1.0v
%90 package lost = 0.5v
%100 package lost = 0.0v

Audio Signal Lost Output

This unprotected audio signal lost output gives 1000Hz beeps with each lost packages.

Signal gain is 5volt and this is very high sound volume for some systems.

If you have any problems, you can reduce it with a serial 100kilo Ohm resistor or a potansiometer.

Audio Lost Package indicator is very useful for FPV or Non-FPV systems,

You can use it with any type of audio transmitters/receivers pairs.

Many thanks to AICapone from RC Groups for this great idea ;)