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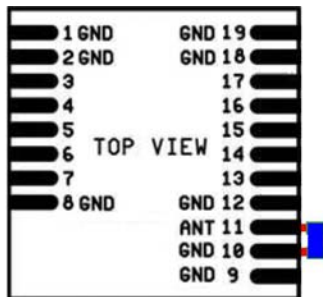
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RFD76006 15mm Module Very Short Range Antenna Application

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This application is for RFD21734 and RFD21535 type RF Digital modules, which do not have an on-board antenna and require an external antenna.

Some applications like automatic door openers and short range asset identification applications require a very short range, in the order of just a few feet. This application note shows how to achieve such ranges. For testing, you may also solder an 0603 size resistor directly onto the back of the module across pins 10 and 11. Using this type of a (load) antenna on one side of a link will provide short range, using this type of antenna on both sides of a link will provide extremely short ranges. No two applications are identical so the best way to know the exact range is to try it in your application. If you have any questions, please email support@rfdigital.com



**KEEP PCB TRACES
AS SHORT AS
POSSIBLE**



**50 OHM SMT RESISTOR
0805, 0603 or 0402 SIZE**

For 15mm RF Digital Modules without internal antenna, (c) RF Digital Corp. 1-22-09