© NimbeLink Corp. 2015. All rights reserved.

NimbeLink Corp. provides this documentation in support of its products for the internal use of its current and prospective customers. The publication of this document does not create any other right or license in any party to use any content contained in or referred to in this document and any modification or redistribution of this document is not permitted.

While efforts are made to ensure accuracy, typographical and other errors may exist in this document. NimbeLink reserves the right to modify or discontinue its products and to modify this and any other product documentation at any time.

All NimbeLink products are sold subject to its published Terms and Conditions, subject to any separate terms agreed with its customers. No warranty of any type is extended by publication of this documentation, including, but not limited to, implied warranties of merchantability, fitness for a particular purpose and non-infringement.

Skywire and NimbeLink are trademarks of NimbeLink Corp. All other trademarks appearing in the document are the property of their respective owners.

**IMPORTANT NOTES ABOUT THIS SCHEMATIC**

1) **DESIGN NOTES** in grey are information notes.

2) **DESIGN NOTES** in red are critical, and must be understood and followed.

3) A red X indicates suppression of error checking on a pin/net. Commonly suppressed errors include: single-pin net, no driving source, etc.

4) All unique components in this schematic should have a manufacturer’s part number displayed; exceptions to this rule are commonly passive such as resistors and capacitors.

5) Finally, population vs. non-population intent is indicated by adding “NP” next to the part. All parts with “NP” next to the part are intended to be unplaced during assembly.

© NimbeLink Corp. 2016. All rights reserved.
DESIGN NOTE: REV D boards have 10k resistors on R22 and R24. These were changed to 1k resistors on Rev E boards to support 4G Skywire modems. On REV D boards these must be changed to 1k in order to use 4G modems.

DESIGN NOTE: Skywire socket is two 2mm pitch 1x10 sockets, NPPN101BCN-RC

DESIGN NOTE: Skywire socket is used to power on the modem. Modem is automatically powered on upon bootup. Modem can be turned off by driving SKY_ON-OFF low.

DESIGN NOTE: SKY_ONOFF is an open drain assertion and should NOT have a pullup.