

Hardware Product Change Notice

Date when change will occur: January, 2015

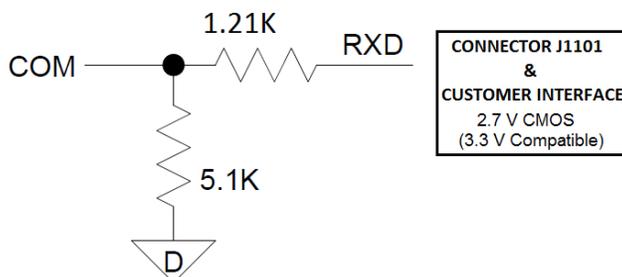
Hardware version: 2.00

Description of Hardware Change:

1. New HW revision of OEM615 is required to address an End Of Life (EOL) component
2. Circuit improvements on the LVTTTL (RXD) Com inputs

Reason for Change:

1. The temperature sensor IC used on OEM615 rev 1.01 was EOLed. A PCB spin was required to implement a new version of the temperature sensor from the same manufacturer. There is no system performance impact due to this change.
2. With the PCB spin already required for the above change, NovAtel chose to implement a second minor HW change. To eliminate a remote, but still possible, chance of overdriving the COM inputs to the OEM card, a minor change was made on all LVTTTL communication ports (RXD of COM1, 2 and 3). This involved adding two resistors to each OEM615 RXD line as follows:



The integrator should ensure that the circuit implemented on their side does not have a pull up resistor to 3.3V or other voltage level, since this will cause the signal to be degraded as a resistive splitter will be created.

3. The EOL replacement as noted in #1 above required a FW change. FW versions 6.4 and higher are required for OEM615 hardware revision 2.00.

Products Affected: OEM615 and variants implementing these changes, have been set to HW REV 2.00.

PART NUMBER	FROM (HW REV)	TO (HW REV)
01018641	1.01	2.00
01018923	1.01	2.00
01018847	1.01	2.00

PART NUMBER	FROM (HW REV)	TO (HW REV)
01019093	1.01	2.00
01018880	1.02	2.00