

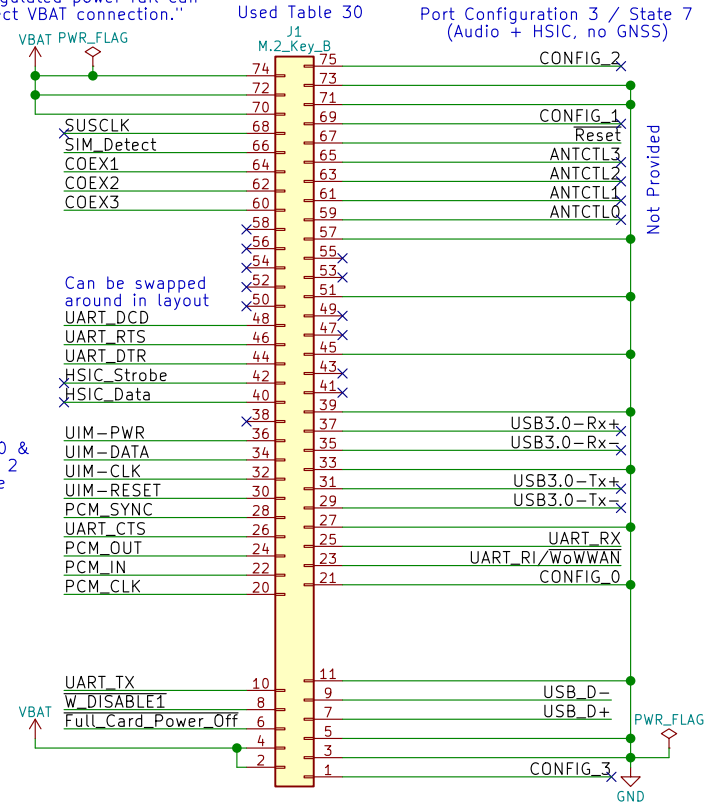
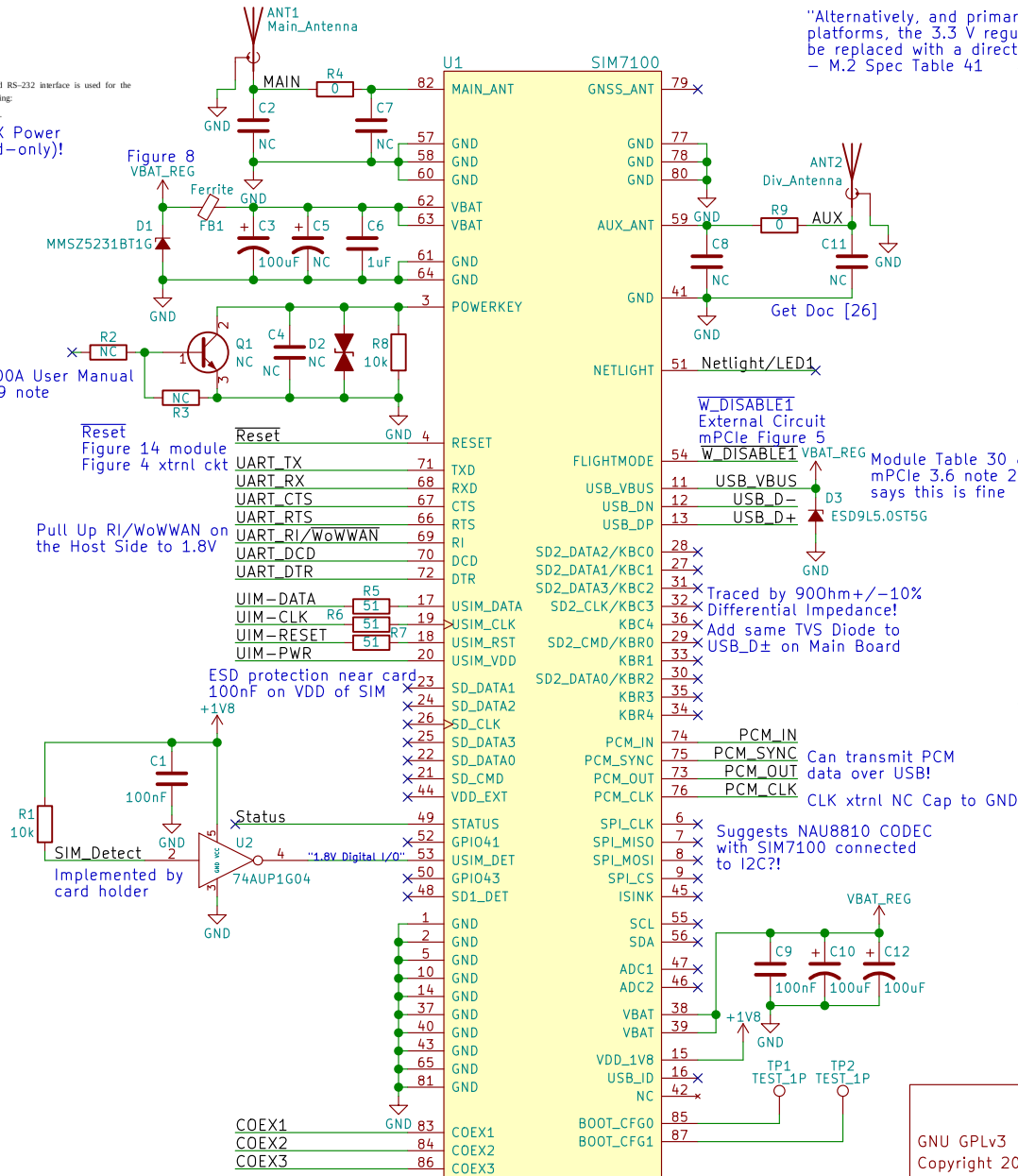
## 2 AT Interface Synopsis

### 2.1 Interface settings

Between Customer Application and the Module, standardized RS-232 interface is used for the communication, and default values for the interface settings as following:  
115200bps, 8 bit data, no parity, 1 bit stop, no data stream control.

Find AT Command to set TX Power  
Not TXPWR Parameter (read-only)!!  
Module does not have DPR

Figure 8  
VBAT\_REG  
MMS5231BT1G  
Reset  
Figure 14 module  
Figure 4 xtrnl ckt  
Pull Up RI/WoWWAN on the Host Side to 1.8V



GNU GPLv3  
Copyright 2018  
**Purism SPC**

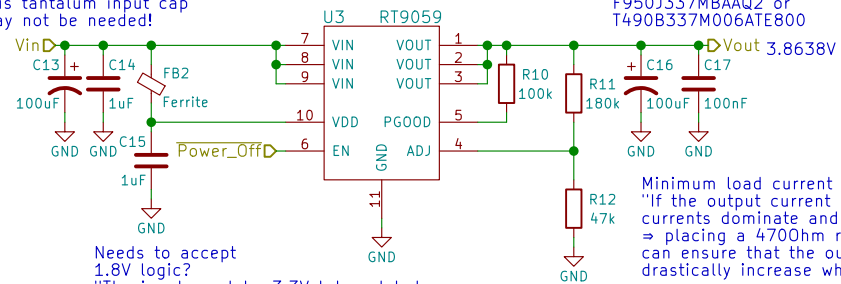
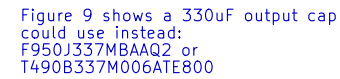
Sheet: /  
File: m2\_simcom\_7100.sch

**Title: M.2 SIMCom 7100**

Size: A4 Date: 2018-03-20  
KiCad E.D.A. kicad 4.0.7

**Rev: 0.5.0**  
Id: 1/2

Dropout Voltage	V <sub>DROP</sub>	I <sub>OUT</sub> = 2A	--	250	350	mV
		I <sub>OUT</sub> = 3A	--	350	450	



Minimum load current = 7mA  
 "If the output current is too small, leakage currents dominate and the output voltage rises"  
 ⇒ placing a 4700hm resistor on the output can ensure that the output voltage doesn't drastically increase when place in <5mA sleep mode

**Title: Power**

Rev: 0.5.0

Id: 2/2