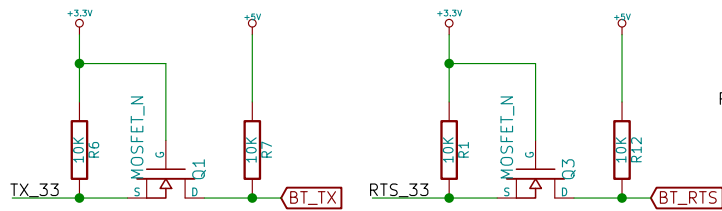
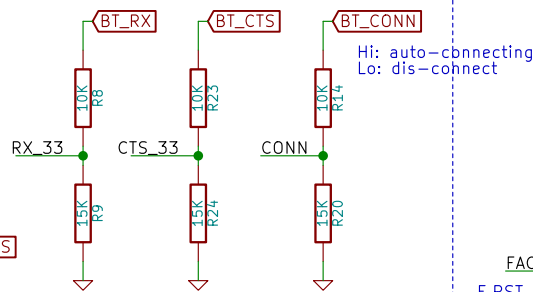


Bluetooth Module 5-3.3V Level Shifters



Sparkfun BlueSMIRFHID: <https://www.sparkfun.com/products/10938>

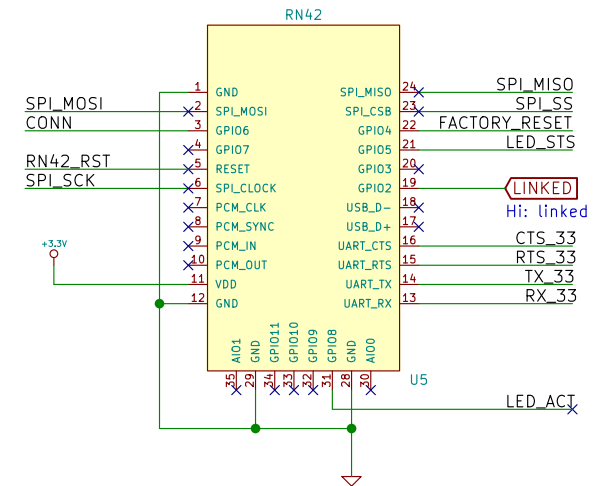


Hi: auto-connecting
Lo: dis-connect

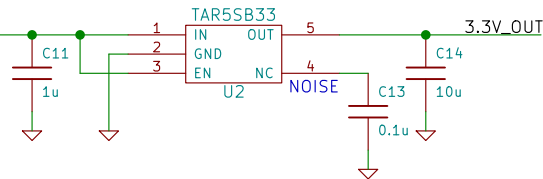
FACTORY_RESET

F.RST is not implemented,
be shorted with tweezers.
ON-OFF-ON-OFF-ON
to restore factory default.
Power on with turning ON.

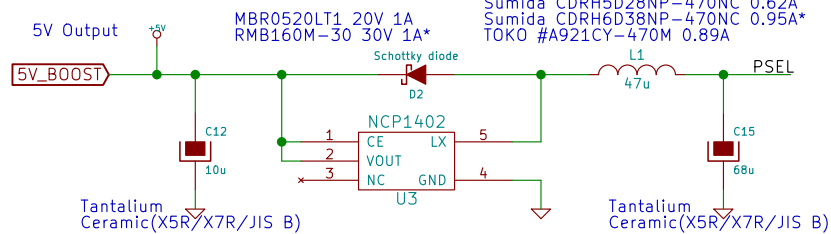
Roving Networks RN42



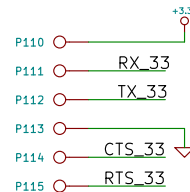
3.3V Regulator



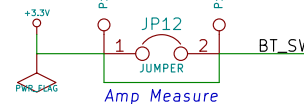
5V Boost Converter



Sumida CD54-470L 0.72A
Sumida CDRH5D28NP-470NC 0.62A
Sumida CDRH6D38NP-470NC 0.95A
TOKO #A921CY-470M 0.89A

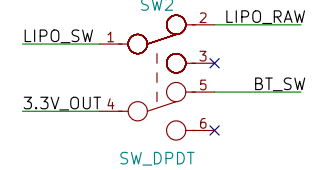


BT UART connector



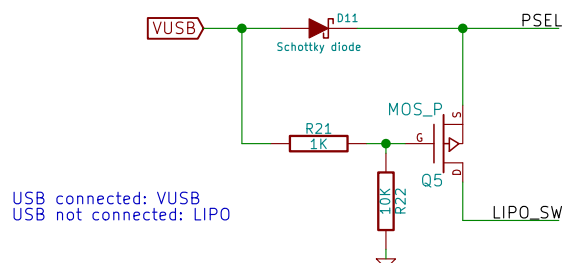
Amp Measure

Switch BT/USB



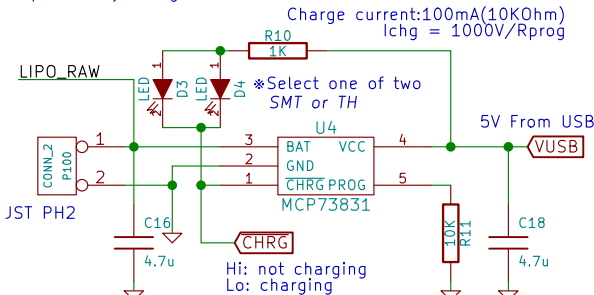
On: Bluetooth mode
Off: USB mode or BT off

Power Source Selector



USB connected: VUSB
USB not connected: LIPO

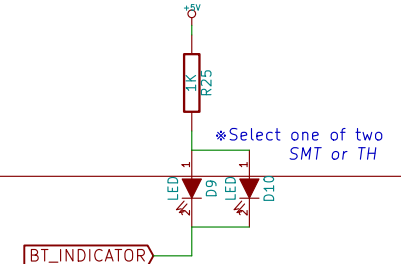
Lipo Battery Charger



Hi: not charging
Lo: charging



10K:10K



TMK

Sheet: /bluetooth/
File: bluetooth.sch

Title: HHKB Alt Controller

Size: A4 Date: 2014/07
KiCad E.D.A. kicad (2014-07-31 BZR 5040)-product

Rev: C
Id: 2/2