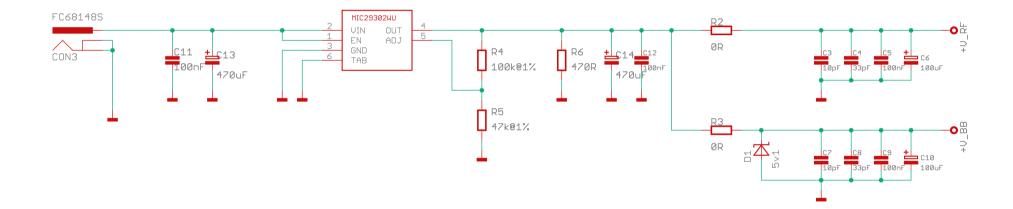
Modem Shim board +3.3V MTB MCB Socket MTB +3.3V GND 79 78 77 76 3V3 TGT CTS TGT CTS 3V3 TGT RTS TGT_RTS 5V-USB 5V-USB TGT_SWDIO TGT_SWDIO GP8 GP8 TGT_SWCLK TGT SWCLK GP7 GP7 75 74 GT_NRESET TGT NRESET GP6 GP6 TGT TX GP5 GP5 TGT TX 73 72 GP4 GP4 TGT_RX TGT_RX 32 31 49 TX1 TX2 TX2 TX1 10 71 RX1 RX1 RX2 RX2 30 29 28 SDA2 SDA2 SDA1 SDA1 69 SCL1 SCL1 SCL2 SCL2 68 MOSI1 MOSI1 MOSI2 MOSI2 14 67 MISO1 MISO1 MIS02 MISO2 15 26 66 SCK1 SCK1 SCK2 SCK2 16 25 65 GP0 GP0 GP3 GP3 57 24 64 GP1 GP2 GP2 GP1 58 59 18 23 63 AIN0 AIN0 PWM2 PWM2 62 AIN1 AIN1 PWM1 PWM1 AIN2 AIN2 PWM0 PWM0 BRD1-OUTTER BRD1-OUTTER BRD1-INNER PWRKEY CTL NRST_CTL +3.3V +3.3V+1.8V +1.8V +1.8V 0 100nF DBG_TXD_3V3 DBG_RXD_3V3 VCCA VCCB 10 MCU_TX_3V3 MCU_RX_3V3 MCU_TX_1U8 В1 MCU RX 1V8 A2 В2 DBG_TXD_1U8 AЗ ВЗ DBG_RXD_1U8 A4 В4 MCU_CTS_3V3 MCU_CTS_1U8 A5 В5 MCU_RTS_1U8 MCU_RTS_3V3 A6 В6 AZ В7 mbed-HDK В8 GND MEB-Quectel-BG96-v1.2.0 U1 TXS0108EPWR 01/03/2019 11:32 1/4

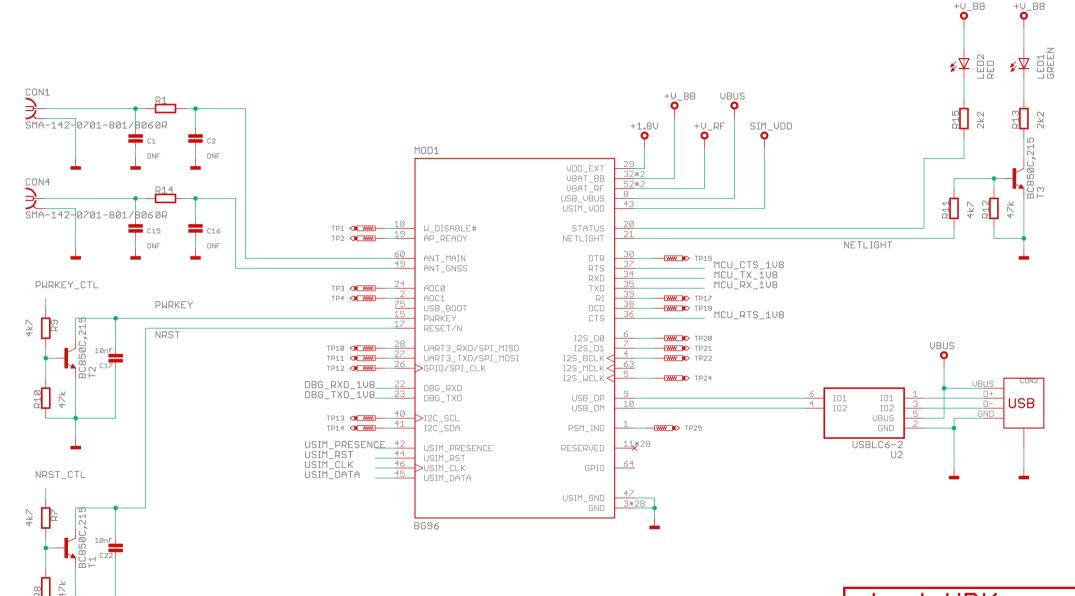
Modem power supply



mbed-HDK

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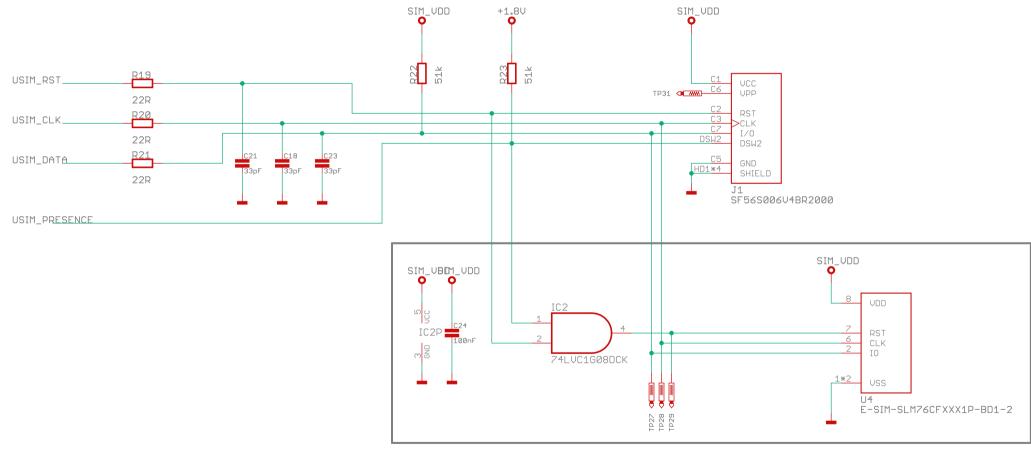
Modem subsystem



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SIM Card Socket and eSIM



Experimental eSim circuit, Do Not Fit

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