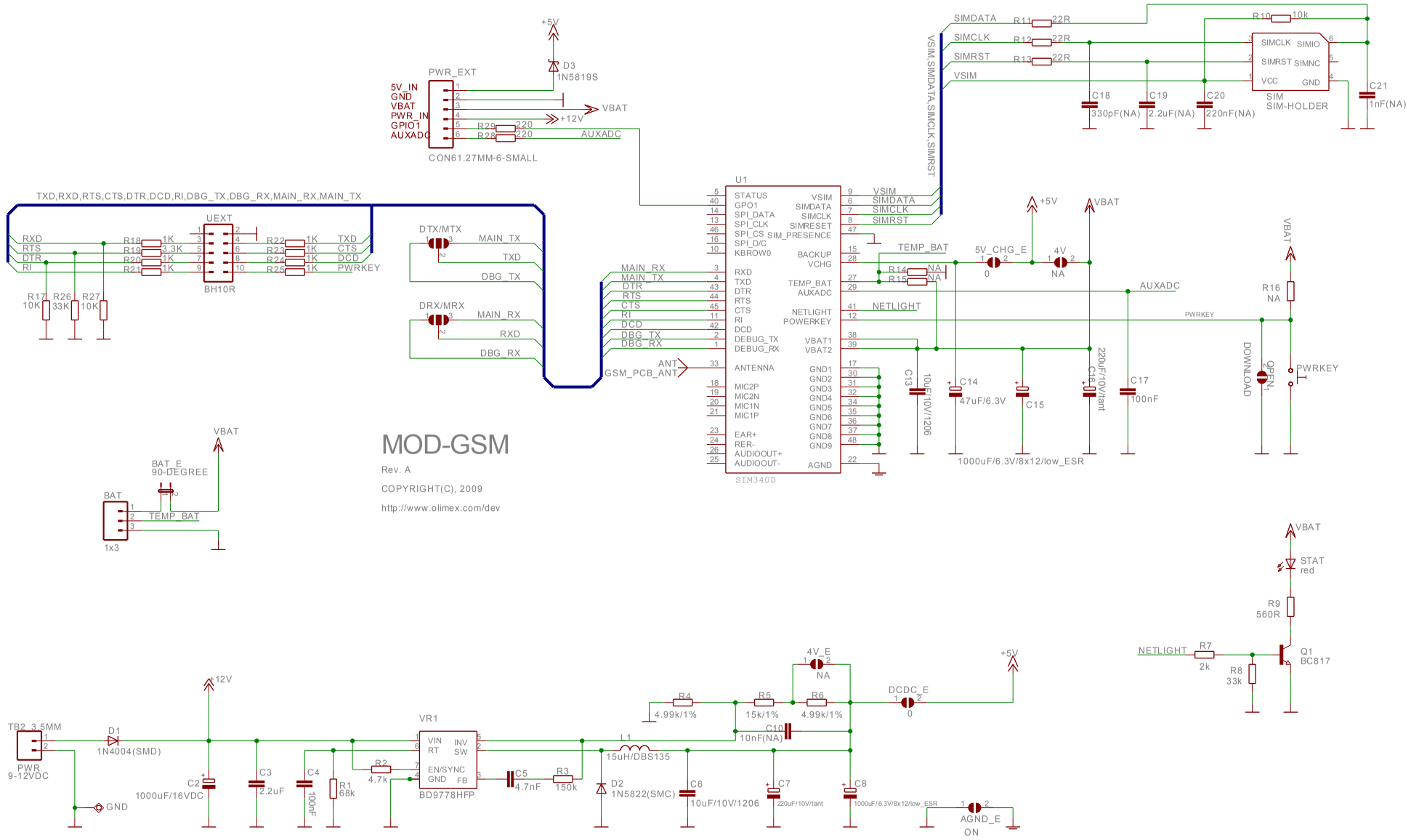
MOD-GSM
Rev. A
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PWR_EXT
5V_IN
GND
VBAT
PWR_IN
GPIO1
AUXADC
CON61.27MM-6-SMALL
D3
1N5819S
+5V
+12V
R29 220
R28 220
TXD,RXD,RTS,CTS,DTR,DCD,RI,DBG_TX,DBG_RX,MAIN_RX,MAIN_TX
UEXT
BH10R
RXD
RTS
DTR
RI
TXD
CTS
DCD
PWRKEY
R17 10K
R26 33K
R27 10K
DTX/MTX
DRX/MRX
MAIN_TX
TXD
DBG_TX
MAIN_RX
RXD
DBG_RX
U1
SIM340D
STATUS
GPO1
SPI_DATA
SPI_CLK
SPI_CS
SPI_D/C
KBROW0
RXD
TXD
DTR
RTS
CTS
RI
DCD
DEBUG_TX
DEBUG_RX
ANTENNA
MIC2P
MIC2N
MIC1N
MIC1P
EAR+
RER-
AUDIOOUT+
AUDIOOUT-
VSIM
SIMDATA
SIMCLK
SIMRESET
SIM_PRESENCE
BACKUP
VCHG
TEMP_BAT
AUXADC
NETLIGHT
POWERKEY
VBAT1
VBAT2
GND1
GND2
GND3
GND4
GND5
GND6
GND7
GND8
GND9
AGND
ANT
GSM_PCB_ANT
VSIM,SIMDATA,SIMCLK,SIMRST
SIMDATA
SIMCLK
SIMRST
VSIM
R11 22R
R12 22R
R13 22R
R10 10k
SIMCLK
SIMRST
VCC
SIMIO
SIMNC
GND
SIM
SIM-HOLDER
C18 330pF(NA)
C19 2.2uF(NA)
C20 220nF(NA)
C21 1nF(NA)
TEMP_BAT
R14 NA
R15 NA
5V_CHG_E
0
4V
NA
AUXADC
NETLIGHT
PWRKEY
R16 NA
DOWNLOAD
OPEN
PWRKEY
C13 10uF/10V/1206
C14 47uF/6.3V
C15 1000uF/6.3V/8x12/low_ESR
C16 220uF/10V/tant
C17 100nF
BAT_E
90-DEGREE
BAT
TEMP_BAT
1x3
STAT
red
R9 560R
NETLIGHT
R7 2k
R8 33k
Q1
BC817
TB2_3.5MM
PWR
9-12VDC
D1
1N4004(SMD)
GND
C2 1000uF/16VDC
C3 2.2uF
C4 100nF
R1 68k
R2 4.7k
VR1
BD9778HFP
VIN
RT
EN/SYNC
GND
INV
SW
FB
C5 4.7nF
R3 150k
L1 15uH/DBS135
D2 1N5822(SMC)
C6 10uF/10V/1206
C7 220uF/10V/tant
C8 1000uF/6.3V/8x12/low_ESR
R4 4.99k/1%
R5 15k/1%
R6 4.99k/1%
C10 10nF(NA)
4V_E
NA
DCDC_E
0
AGND_E
ON