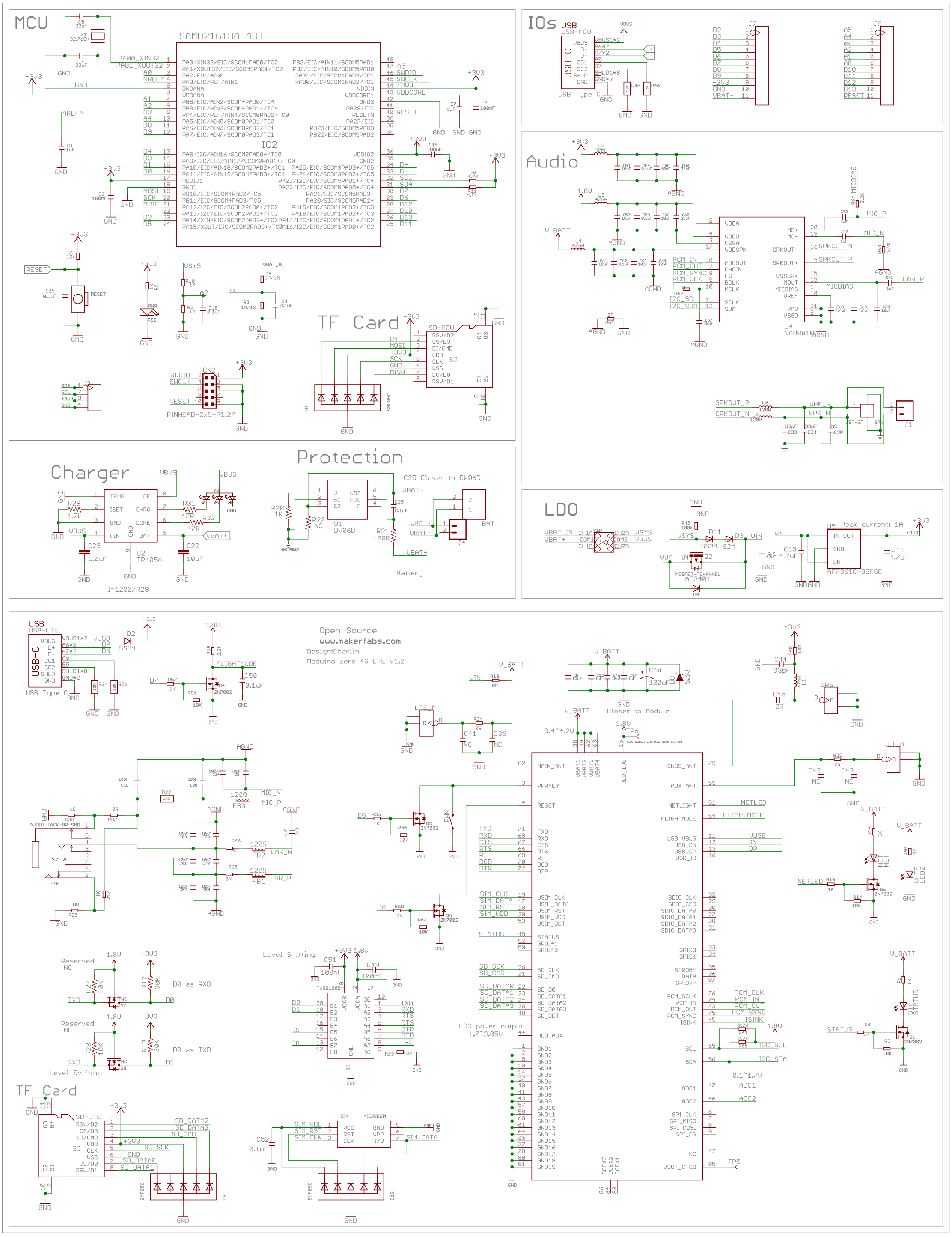
MCU
SAMD21G18A-AUT
IC2
IOs
USB
USB-MCU
USB-C
USB Type C
J2
J8
Audio
NAU8810
U4
MIC_P
MIC_N
SPKOUT_N
SPKOUT_P
EAR_P
MICBIAS
J1
TF Card
SD-MCU
SD
PINHEAD-2x5-P1.27
Charger
U2
TP4056
I=1200/R29
Protection
C25 Closer to DW06D
U1
DW06D
Battery
J4
LDO
Peak current: 1A
AP7361C-33FGE
MOSFET-PCHANNEL
AO3401
Open Source
www.makerfabs.com
Design:Charlin
Maduino Zero 4G LTE v1.2
USB
USB-LTE
USB-C
USB Type C
FLIGHTMODE
Closer to Module
GPS
LTE_M
LTE_A
MAIN_ANT
GNSS_ANT
AUX_ANT
PWRKEY
RESET
NETLIGHT
NETLED
USB_VBUS
USB_DN
USB_DP
USB_ID
SDIO_CLK
SDIO_CMD
SDIO_DATA0
SDIO_DATA1
SDIO_DATA2
SDIO_DATA3
PCM_CLK
PCM_IN
PCM_OUT
PCM_SYNC
ISINK
SCL
SDA
I2C_SCL
I2C_SDA
ADC1
ADC2
SPI_CLK
SPI_MISO
SPI_MOSI
SPI_CS
BOOT_CFG0
TP5
LDO power output
1.7~3.05V
VDD_AUX
3.4~4.2V
0.1~1.7V
AUDIO-JACK-8P-SMD
Reserved
NC
D0 as RXD
D0 as TXD
Level Shifting
TXS0108E
TF Card
SD-LTE
SIM
MICROSIM
SIM_VDD
SIM_RST
SIM_CLK
SIM_DATA
SD_DATA2
SD_DATA3
SD_CMD
SD_SCK
SD_DATA0
SD_DATA1
STATUS