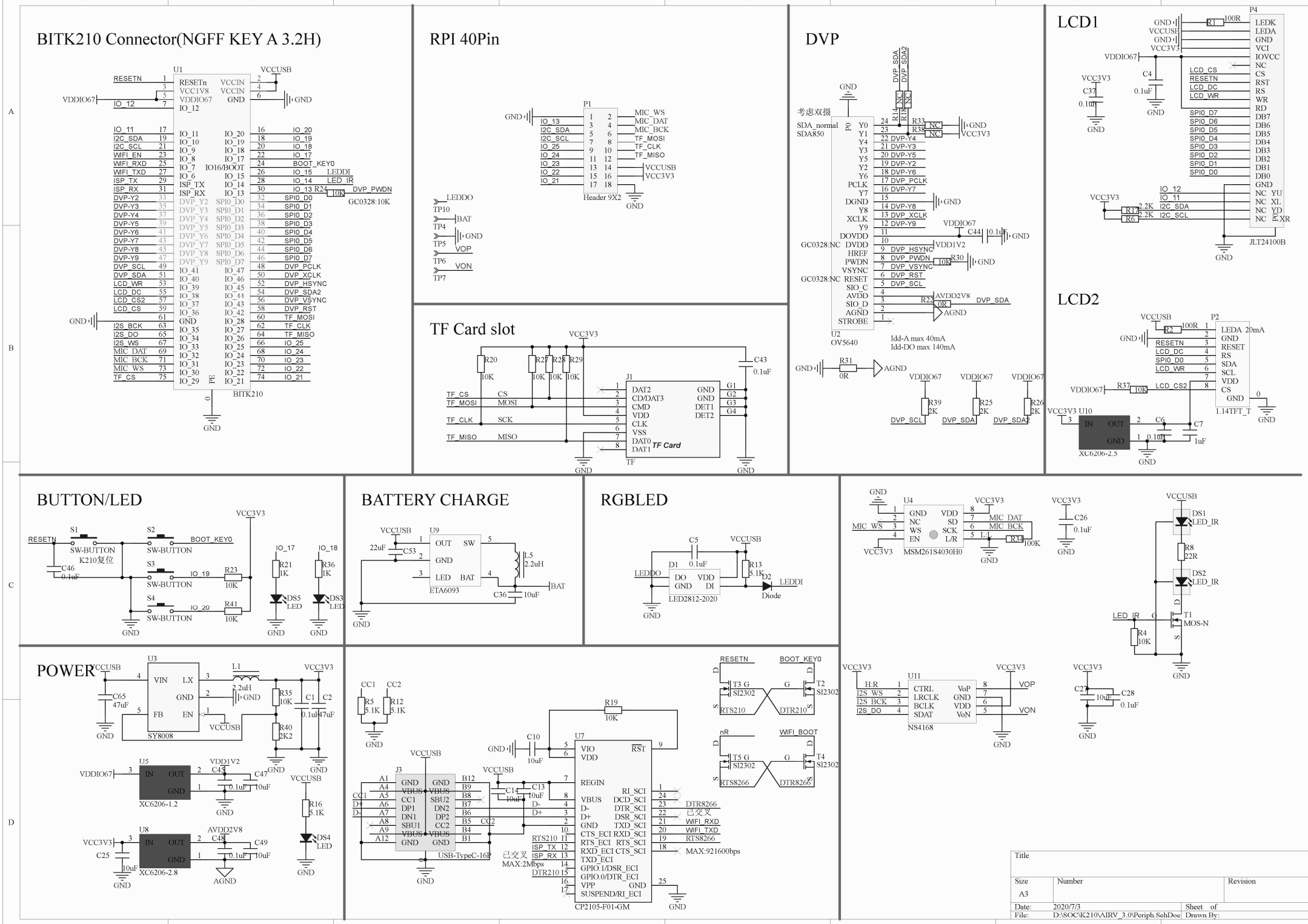
BITK210 Connector(NGFF KEY A 3.2H)
U1
BITK210
RESETn
VCC1V8
VDDIO67
IO_12
VCCIN
GND
IO_11
I2C_SDA
I2C_SCL
WIFI_EN
WIFI_RXD
WIFI_TXD
ISP_TX
ISP_RX
DVP-Y2
DVP-Y3
DVP-Y4
DVP-Y5
DVP-Y6
DVP-Y7
DVP-Y8
DVP-Y9
DVP_SCL
DVP_SDA
LCD_WR
LCD_DC
LCD_CS2
LCD_CS
I2S_BCK
I2S_DO
I2S_WS
MIC_DAT
MIC_BCK
MIC_WS
TF_CS
IO_10
IO_9
IO_8
IO_7
IO_6
IO_20
IO_19
IO_18
IO_17
IO16/BOOT
IO_15
IO_14
IO_13
SPI0_D0
SPI0_D1
SPI0_D2
SPI0_D3
SPI0_D4
SPI0_D5
SPI0_D6
SPI0_D7
IO_47
IO_46
IO_45
IO_44
IO_43
IO_42
IO_28
IO_27
IO_26
IO_25
IO_24
IO_23
IO_22
IO_21
BOOT_KEY0
LEDDI
LED_IR
R24
10K
DVP_PWDN
GC0328:10K
RPI 40Pin
P1
Header 9X2
MIC_WS
MIC_DAT
MIC_BCK
TF_MOSI
TF_CLK
TF_MISO
VCCUSB
VCC3V3
LEDDO
BAT
VOP
VON
TF Card slot
J1
TF Card
DAT2
CD/DAT3
CMD
VDD
CLK
VSS
DAT0
DAT1
DET1
DET2
C43
0.1uF
DVP
U2
OV5640
考虑双摄
SDA_normal
SDA850
DVP_SDA
DVP_SDA2
DVP_PCLK
DVP_HSYNC
DVP_PWDN
DVP_VSYNC
DVP_RST
DVP_SCL
DVDD1V2
AVDD2V8
AGND
Idd-A max 40mA
Idd-DO max 140mA
LCD1
P4
LEDK
LEDA
VCI
IOVCC
NC
CS
RST
RS
WR
RD
DB7
DB6
DB5
DB4
DB3
DB2
DB1
DB0
SPI0_D7
SPI0_D6
SPI0_D5
SPI0_D4
SPI0_D3
SPI0_D2
SPI0_D1
SPI0_D0
JLT24100B
LCD2
P2
LEDA 20mA
1.14TFT_T
XC6206-2.5
BUTTON/LED
S1
S2
S3
S4
SW-BUTTON
K210复位
BOOT_KEY0
DS5
LED
DS3
LED
BATTERY CHARGE
U9
ETA6093
OUT
SW
LED
BAT
L5
2.2uH
C36
10uF
RGBLED
LED2812-2020
Diode
U4
MSM261S4030H0
MIC_DAT
MIC_BCK
U11
NS4168
DS1
LED_IR
DS2
LED_IR
T1
MOS-N
POWER
U3
SY8008
VIN
LX
FB
EN
L1
2.2uH
U5
XC6206-1.2
U8
XC6206-2.8
DS4
LED
U7
CP2105-F01-GM
USB-TypeC-16P
J3
RESETN
BOOT_KEY0
WIFI_BOOT
T3
T2
T5
T4
SI2302
RTS210
DTR210
RTS8266
DTR8266
已交叉
MAX:921600bps
MAX:2Mbps
Title
Size
A3
Number
Revision
Date:
2020/7/3
Sheet of
File:
D:\SOC\K210\AIRV_3.0\Periph.SchDoc
Drawn By: