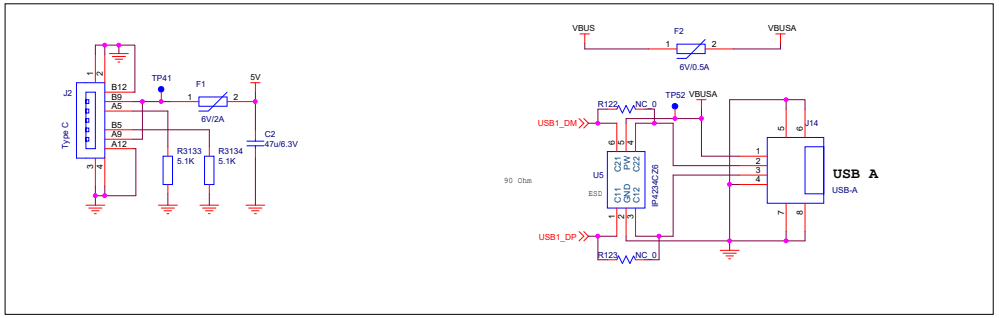
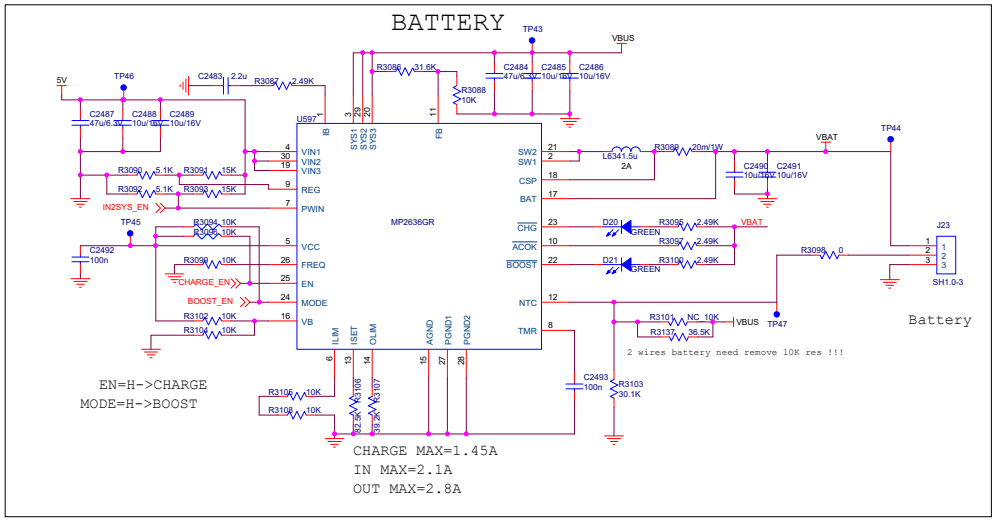
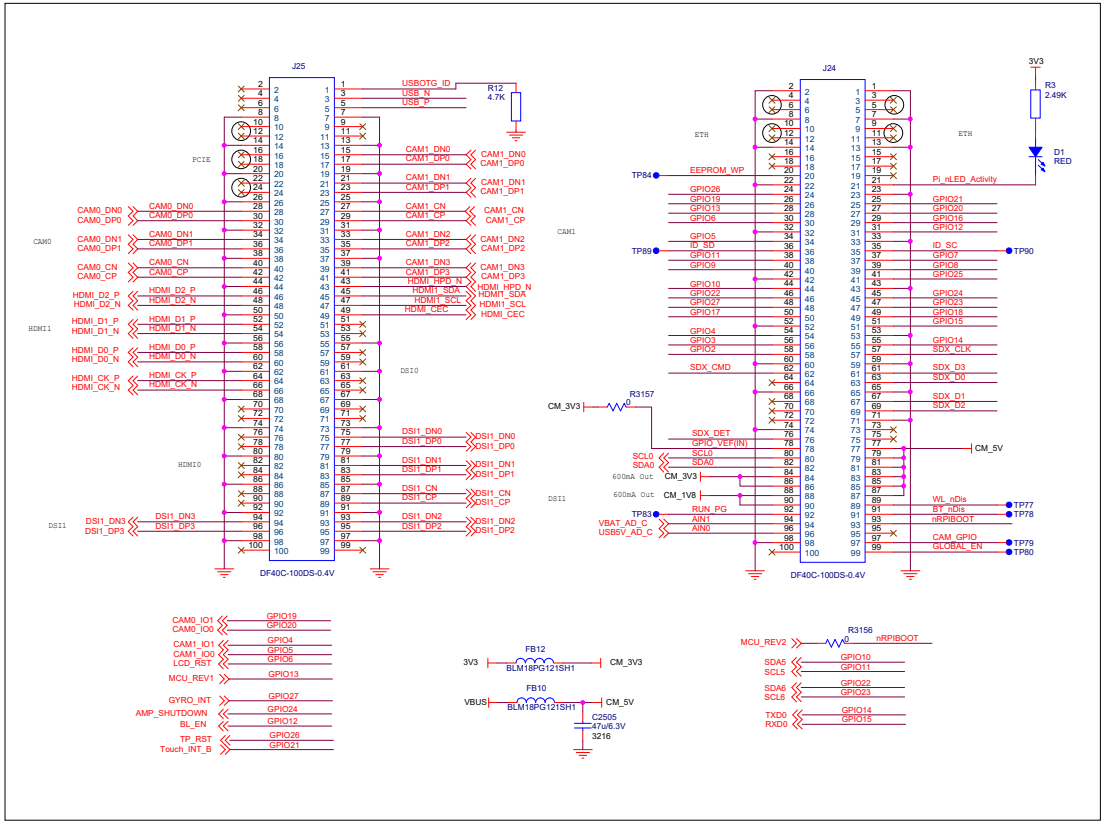
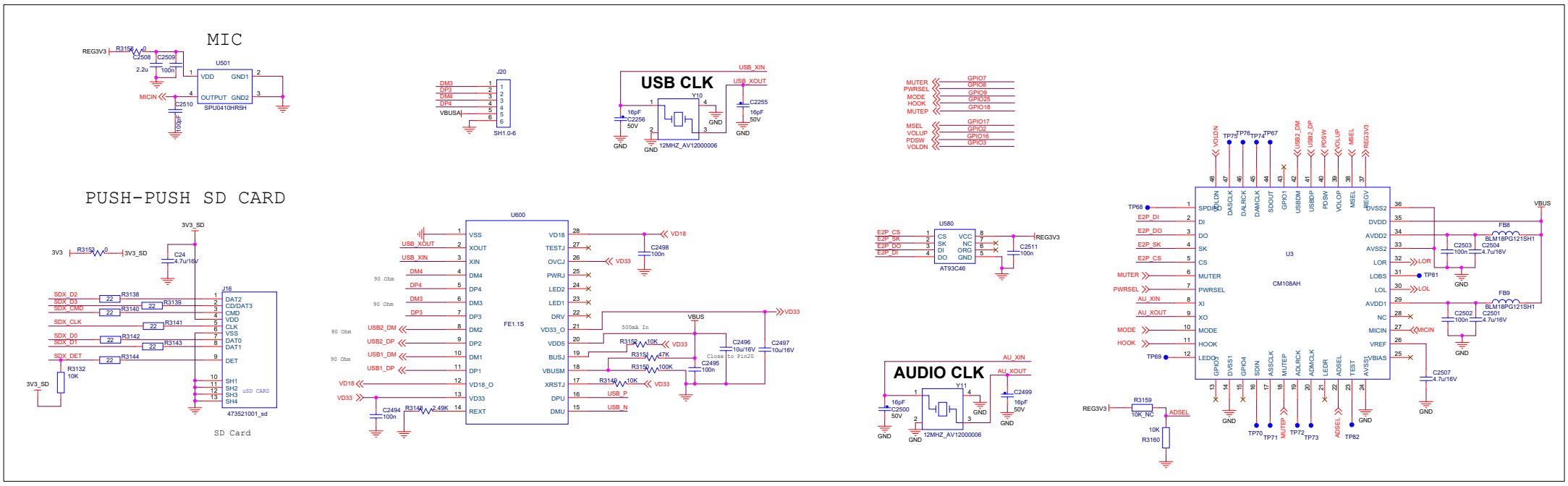
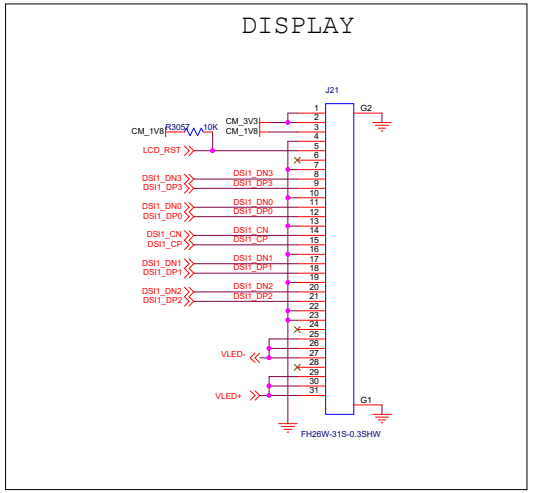
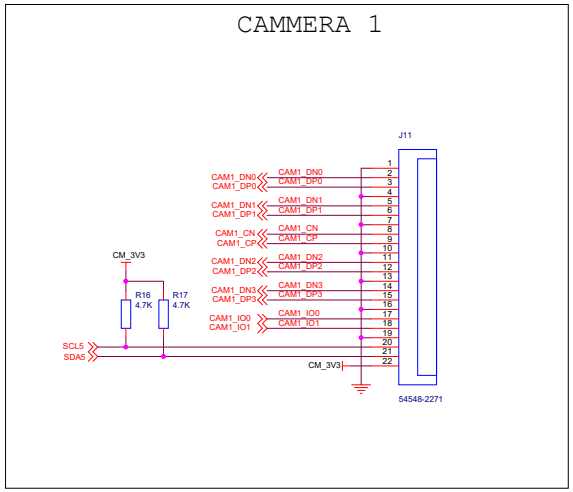

Type C
J2
TP41
F1
6V/2A
5V
R3133 5.1K
R3134 5.1K
C2 47u/6.3V
VBUS
F2
6V/0.5A
VBUSA
TP52 VBUSA
USB1_DM
USB1_DP
R122 NC_0
R123 NC_0
U5
ESD
IP4234CZ6
J14
USB A
USB-A
90 Ohm

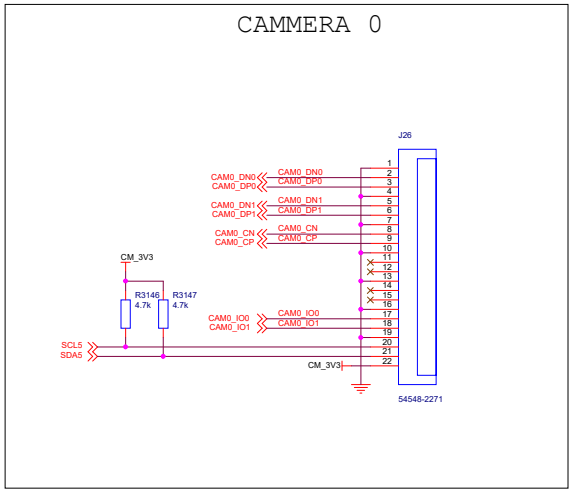

BATTERY
TP43
VBUS
5V
TP46
C2483 2.2u
R3087 2.49K
R3086 31.6K
R3088 10K
C2484 47u/6.3V
C2485 10u/16V
C2486 10u/16V
C2487 47u/6.3V
C2488 10u/16V
C2489 10u/16V
U597
MP2636GR
VIN1
VIN2
VIN3
REG
PWIN
VCC
FREQ
EN
MODE
VB
SW2
SW1
CSP
BAT
CHG
ACOK
BOOST
NTC
TMR
L6341.5u 2A
R3089 20m/1W
C2491 10u/16V
VBAT
TP44
D20 GREEN
D21 GREEN
R3095 2.49K
R3097 2.49K
R3100 2.49K
R3098 0
J23
SH1.0-3
R3101 NC_10K
R3137 36.5K
TP47
2 wires battery need remove 10K res !!!
Battery
R3094 10K
R3096 10K
R3099 10K
R3102 10K
R3104 10K
R3105 10K
R3108 10K
R3106 82.5K
R3107 59.0K
C2493 100n
R3103 30.1K
EN=H->CHARGE
MODE=H->BOOST
CHARGE MAX=1.45A
IN MAX=2.1A
OUT MAX=2.8A

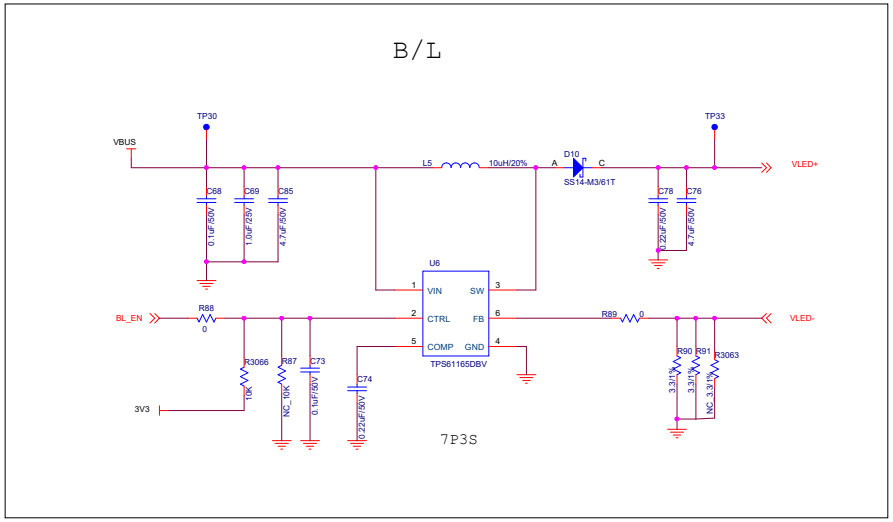

J25
DF40C-100DS-0.4V
USBOTG_ID
USB_N
USB_P
R12 4.7K
CAM0_DN0
CAM0_DP0
CAM0_DN1
CAM0_DP1
CAM0_CN
CAM0_CP
HDMI_D2_P
HDMI_D2_N
HDMI_D1_P
HDMI_D1_N
HDMI_D0_P
HDMI_D0_N
HDMI_CK_P
HDMI_CK_N
CAM1_DN0
CAM1_DP0
CAM1_DN1
CAM1_DP1
CAM1_CN
CAM1_CP
CAM1_DN2
CAM1_DP2
CAM1_DN3
CAM1_DP3
HDMI_HPD_N
HDMI1_SDA
HDMI1_SCL
HDMI_CEC
DSI1_DN0
DSI1_DP0
DSI1_DN1
DSI1_DP1
DSI1_CN
DSI1_CP
DSI1_DN2
DSI1_DP2
DSI1_DN3
DSI1_DP3
J24
DF40C-100DS-0.4V
3V3
R3 2.49K
D1 RED
Pi_nLED_Activity
EEPROM_WP
GPIO26
GPIO19
GPIO13
GPIO6
GPIO5
ID_SD
GPIO11
GPIO9
GPIO10
GPIO22
GPIO27
GPIO17
GPIO4
GPIO3
GPIO2
SDX_CMD
SDX_DET
GPIO_VEF(IN)
SCL0
SDA0
AIN1
AIN0
RUN_PG
VBAT_AD_C
USB5V_AD_C
R3157 0
CM_3V3
CM_1V8
CM_5V
GPIO21
GPIO20
GPIO16
GPIO12
ID_SC
GPIO7
GPIO8
GPIO25
GPIO24
GPIO23
GPIO18
GPIO15
GPIO14
SDX_CLK
SDX_D3
SDX_D0
SDX_D1
SDX_D2
WL_nDis
BT_nDis
nRPIBOOT
CAM_GPIO
GLOBAL_EN
TP77
TP78
TP79
TP80
TP84
TP89
TP90
TP83
CAM0_IO1
CAM0_IO0
CAM1_IO1
CAM1_IO0
LCD_RST
MCU_REV1
GYRO_INT
AMP_SHUTDOWN
BL_EN
TP_RST
Touch_INT_B
FB12
BLM18PG121SH1
FB10
C2505 47u/6.3V 3216
R3156
MCU_REV2
SDA5
SCL5
SDA6
SCL6
TXD0
RXD0

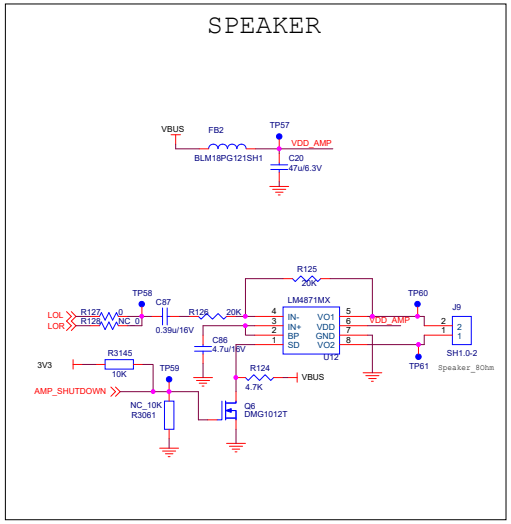

MIC
REG3V3
R3156 0
C2508 2.2u
C2509 100n
U501
SPU0410HR5H
MICIN
C2510 100pF
J20
SH1.0-6
USB CLK
Y10
12MHZ_AV12000006
16pF C2256 50V
C2255 16pF 50V
USB_XIN
USB_XOUT
PUSH-PUSH SD CARD
3V3_SD
R3152 0
C24 4.7u/16V
J16
SD Card
473521001_sd
R3132 10K
U600
FE1.1S
USB_XOUT
USB_XIN
DM4
DP4
DM3
DP3
USB2_DM
USB2_DP
USB1_DM
USB1_DP
VD18
VD33
C2498 100n
C2494 100n
R3148 2.49K
R3151 10K
R3152 47K
R3153 100K
C2496 10u/16V
C2497 10u/16V
C2495 100n
Close to Pin20
500mA In
U580
AT93C46
E2P_CS
E2P_SK
E2P_DO
E2P_DI
C2511 100n
MUTER
PWRSEL
MODE
HOOK
MUTEP
MSEL
VOLUP
PDSW
VOLDN
AUDIO CLK
Y11
12MHZ_AV12000006
AU_XIN
AU_XOUT
C2500 16pF 50V
C2499 16pF 50V
U3
CM108AH
SPDIFO
DI
DO
SK
CS
XI
XO
LEDO
DVSS2
DVDD
AVDD2
AVSS2
LOR
LOBS
LOL
AVDD1
NC
MICIN
VREF
VBIAS
AVSS1
R3159 10K_NC
R3160 10K
ADSEL
TP68
TP69
TP70
TP71
TP72
TP73
TP74
TP75
TP76
TP67
TP82
FB8
FB9
BLM18PG121SH1
C2503 100n
C2504 4.7u/16V
C2502 100n
C2501 4.7u/16V
C2507 4.7u/16V

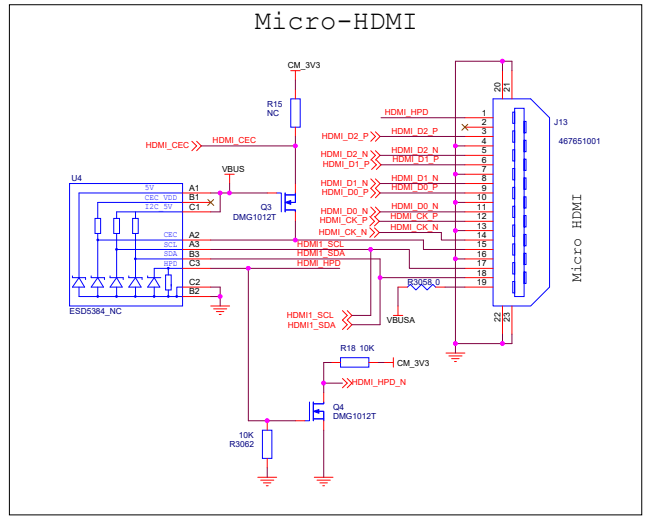

DISPLAY
J21
CM_1V8
R3057
10K
CM_3V3
CM_1V8
LCD_RST
DSI1_DN3
DSI1_DP3
DSI1_DN0
DSI1_DP0
DSI1_CN
DSI1_CP
DSI1_DN1
DSI1_DP1
DSI1_DN2
DSI1_DP2
VLED-
VLED+
G1
G2
FH26W-31S-0.3SHW

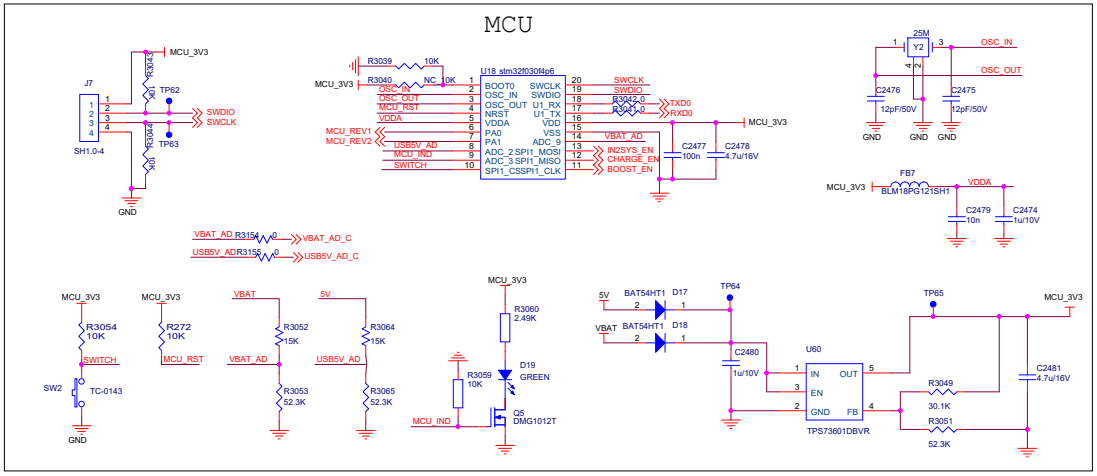

CAMMERA 1
J11
CAM1_DN0
CAM1_DP0
CAM1_DN1
CAM1_DP1
CAM1_CN
CAM1_CP
CAM1_DN2
CAM1_DP2
CAM1_DN3
CAM1_DP3
CAM1_IO0
CAM1_IO1
CM_3V3
R16
4.7K
R17
4.7K
SCL5
SDA5
54548-2271

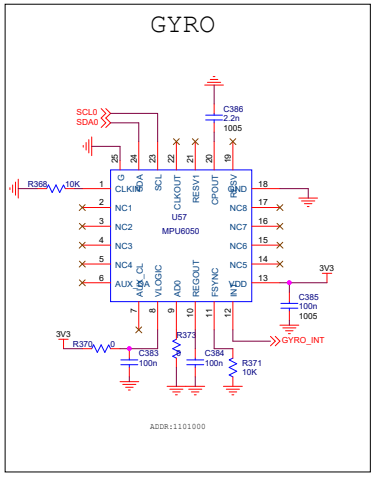

CAMMERA 0
J26
CAM0_DN0
CAM0_DP0
CAM0_DN1
CAM0_DP1
CAM0_CN
CAM0_CP
CAM0_IO0
CAM0_IO1
CM_3V3
R3146
4.7k
R3147
4.7k
SCL5
SDA5
54548-2271

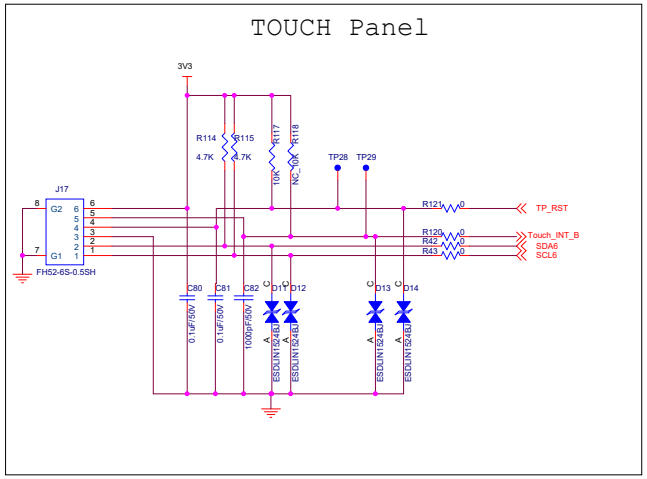

B/L
TP30
TP33
VBUS
L5
10uH/20%
D10
SS14-M3/61T
VLED+
VLED-
C68
C69
C85
C78
C76
U6
VIN
SW
CTRL
FB
COMP
GND
TPS61165DBV
BL_EN
R88
0
R89
0
R3066
10K
R87
NC_10K
C73
0.1uF/50V
C74
0.22uF/50V
R90
3.3M
R91
3.3M
R3063
NC_3.3M
3V3
7P3S


SPEAKER
VBUS
FB2
BLM18PG121SH1
TP57
VDD_AMP
C20
47u/6.3V
R125
20K
TP58
C87
0.39u/16V
R127
0
R126
NC_0
R128
20K
LM4871MX
IN-
IN+
BP
SD
VO1
VDD
GND
VO2
U12
TP60
J9
SH1.0-2
Speaker_8Ohm
LOL
LOR
3V3
R3145
10K
TP59
AMP_SHUTDOWN
NC_10K
R3061
C86
4.7u/16V
R124
4.7K
VBUS
Q6
DMG1012T
TP61


Micro-HDMI
CM_3V3
R15
NC
HDMI_CEC
HDMI_HPD
HDMI_D2_P
HDMI_D2_N
HDMI_D1_P
HDMI_D1_N
HDMI_D0_P
HDMI_D0_N
HDMI_CK_P
HDMI_CK_N
HDMI_SCL
HDMI_SDA
J13
467651001
Micro HDMI
U4
ESD5384_NC
VBUS
Q3
DMG1012T
R3058_0
VBUSA
HDMI1_SCL
HDMI1_SDA
R18 10K
HDMI_HPD_N
Q4
DMG1012T
10K
R3062


MCU
J7
MCU_3V3
R3034
R3035
TP62
TP63
SWDIO
SWCLK
SH1.0-4
GND
R3039
10K
R3040
NC_10K
U18_stm32f030f4p6
BOOT0
OSC_IN
OSC_OUT
NRST
VDDA
PA0
PA1
SWCLK
SWDIO
U1_RX
U1_TX
VDD
VSS
ADC_9
MCU_REV1
MCU_REV2
USB5V_AD
MCU_IND
SWITCH
SPI1_MOSI
SPI1_MISO
SPI1_CSSPI1_CLK
R3042_0
R3043_0
TXD0
RXD0
IN2SYS_EN
CHARGE_EN
BOOST_EN
VBAT_AD
C2477
100n
C2478
4.7u/16V
25M
Y2
OSC_IN
OSC_OUT
C2476
12pF/50V
C2475
12pF/50V
FB7
BLM18PG121SH1
VDDA
C2479
10n
C2474
1u/10V
VBAT_AD
R3154
0
VBAT_AD_C
USB5V_AD
R3155
0
USB5V_AD_C
R3054
10K
SWITCH
SW2
TC-0143
R272
10K
MCU_RST
VBAT
R3052
15K
R3053
52.3K
5V
R3064
15K
R3065
52.3K
R3060
2.49K
R3059
10K
D19
GREEN
Q5
DMG1012T
MCU_IND
BAT54HT1
D17
D18
TP64
C2480
1u/10V
U60
IN
OUT
EN
GND
FB
TPS73601DBVR
TP65
R3049
30.1K
R3051
52.3K
C2481
4.7u/16V


GYRO
SCL0
SDA0
R369
10K
C386
2.2n
1005
U57
MPU6050
CLKIN
SDA
SCL
CLKOUT
RESV1
CPOUT
RESV
NC1
NC2
NC3
NC4
AUX_SDA
AUX_CL
VLOGIC
ADO
REGOUT
FSYNC
INT
VDD
GND
NC8
NC7
NC6
NC5
3V3
C385
100n
1005
GYRO_INT
R370
0
C383
100n
R373
C384
100n
R371
10K
ADDR:1101000


TOUCH Panel
3V3
J17
FH52-6S-0.5SH
R114
4.7K
R115
4.7K
R117
10K
R118
NC_10K
TP28
TP29
R121
0
TP_RST
R120
0
R42
0
R43
0
Touch_INT_B
SDA6
SCL6
C80
0.1uF/50V
C81
0.1uF/50V
C82
1000pF/50V
D11
D12
D13
D14
ESDLIN1524BJ