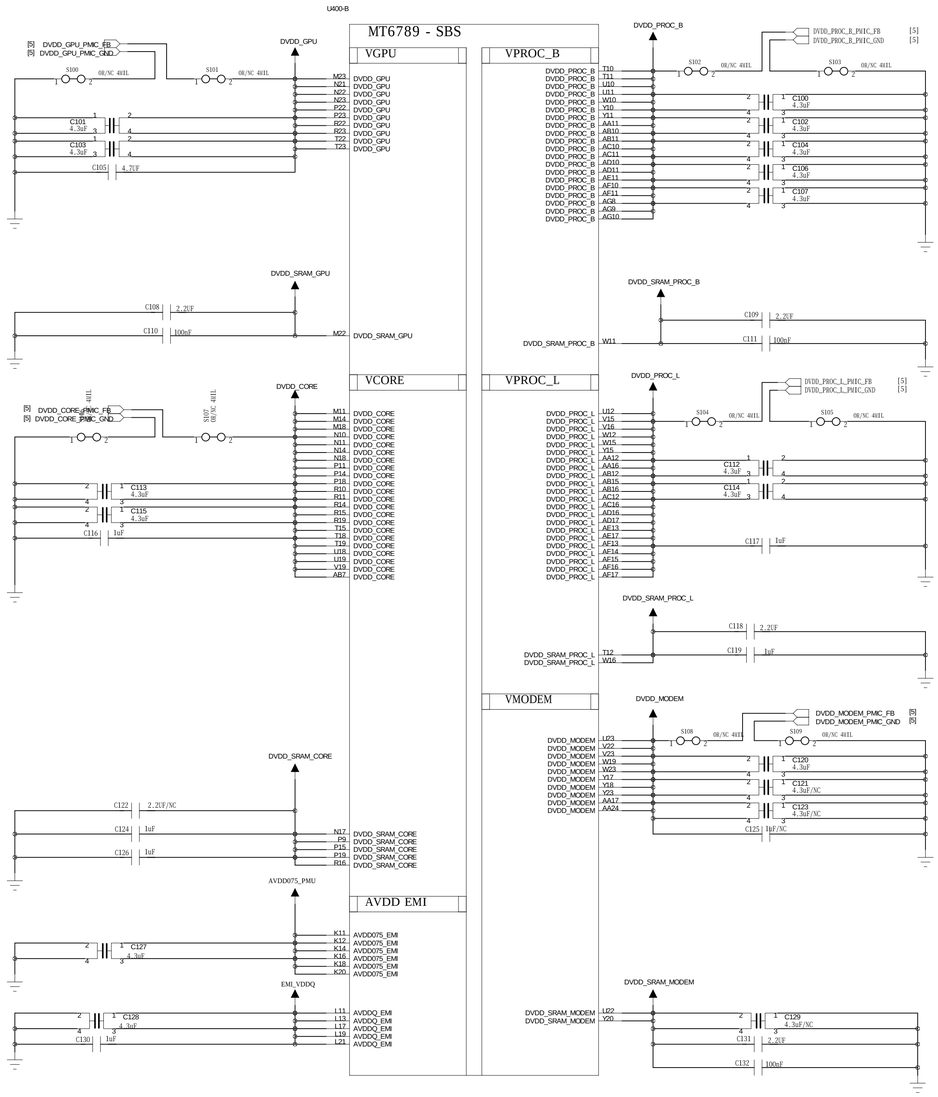
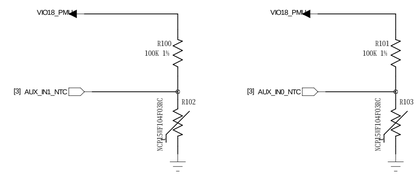
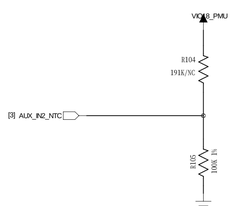
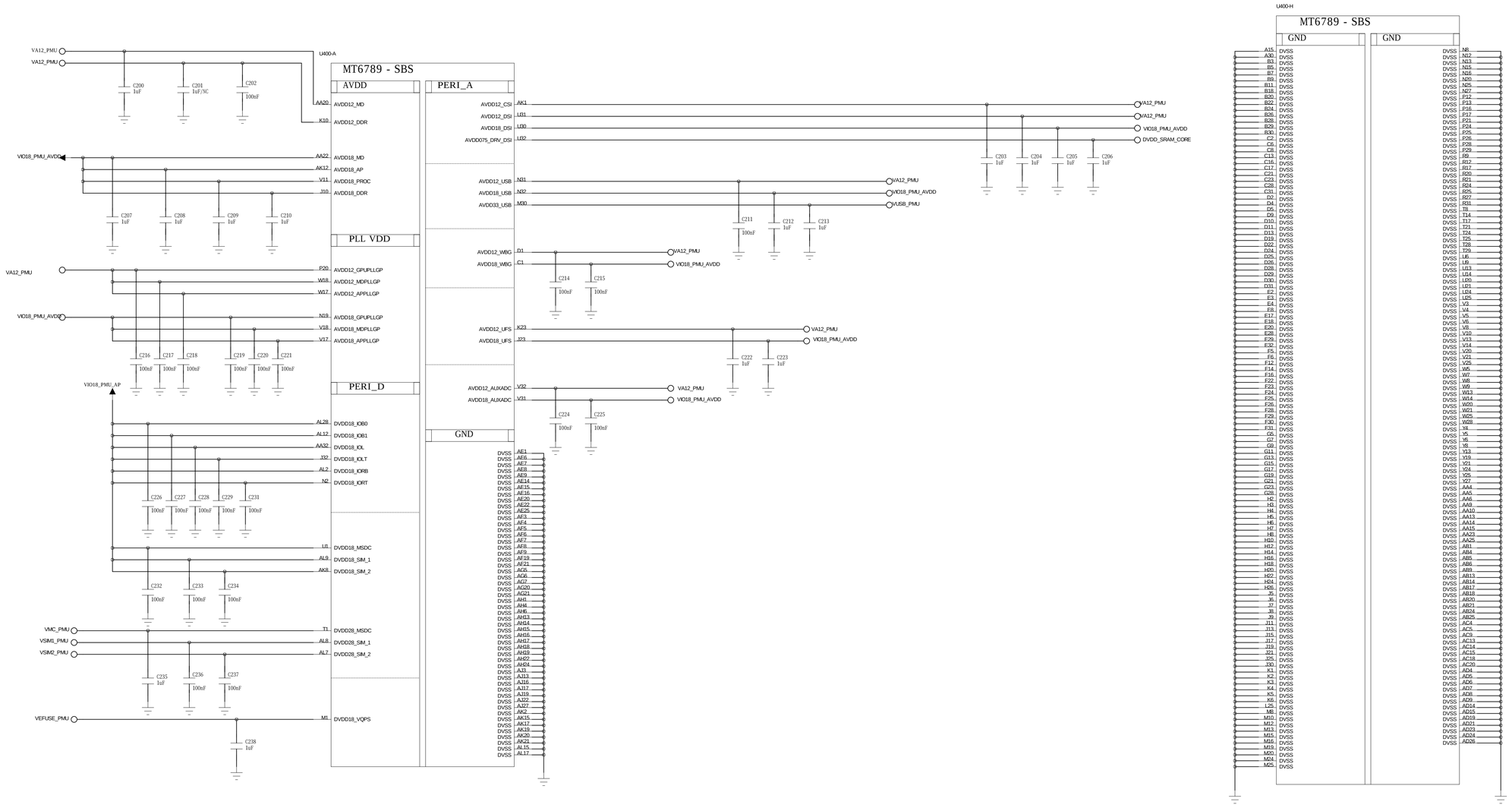
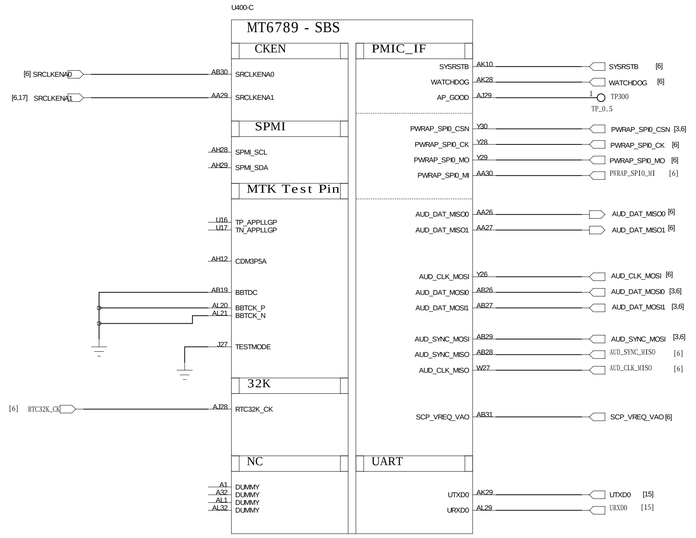
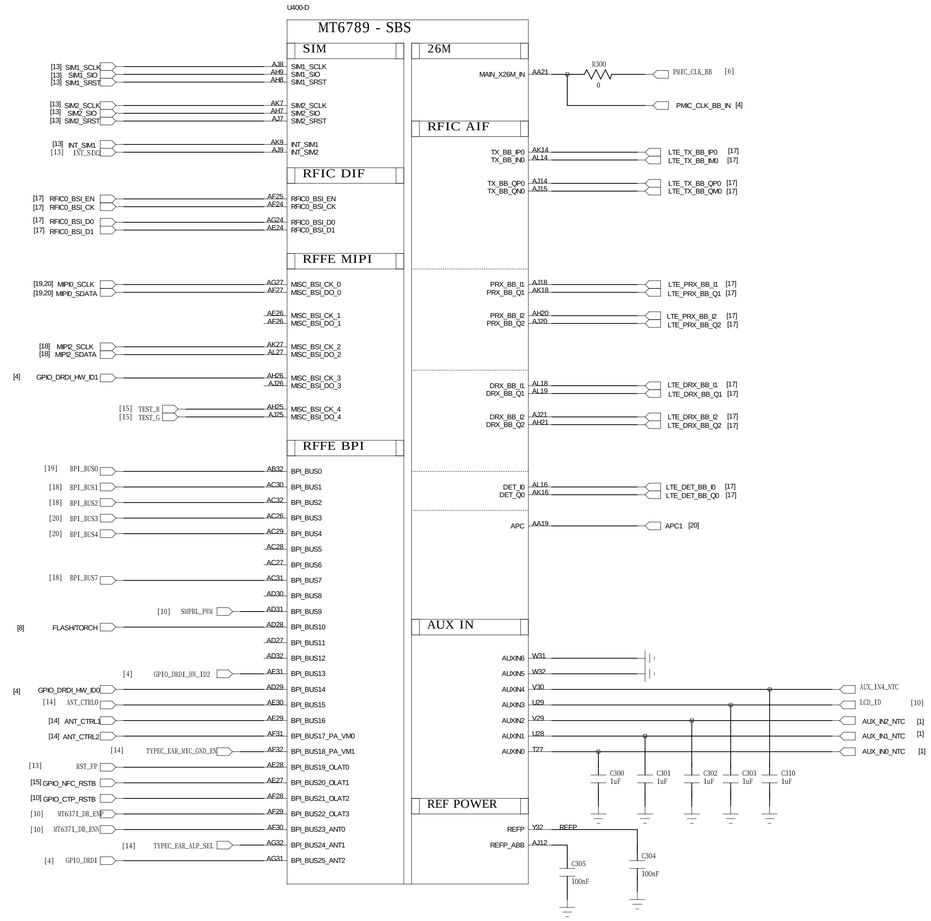

U400-B
MT6789 - SBS
VGPU
VPROC_B
VCORE
VPROC_L
VMODEM
AVDD EMI
DVDD_GPU
DVDD_PROC_B
DVDD_SRAM_GPU
DVDD_SRAM_PROC_B
DVDD_CORE
DVDD_PROC_L
DVDD_SRAM_PROC_L
DVDD_MODEM
DVDD_SRAM_CORE
DVDD_SRAM_MODEM
AVDD075_PMU
EMI_VDDQ
[5] DVDD_GPU_PMIC_FB
[5] DVDD_GPU_PMIC_GND
[5] DVDD_CORE_PMIC_FB
[5] DVDD_CORE_PMIC_GND
DVDD_PROC_B_PMIC_FB [5]
DVDD_PROC_B_PMIC_GND [5]
DVDD_PROC_L_PMIC_FB [5]
DVDD_PROC_L_PMIC_GND [5]
DVDD_MODEM_PMIC_FB
DVDD_MODEM_PMIC_GND
[5] [5]
S100 0R/NC 4HIL
S101 0R/NC 4HIL
S102 0R/NC 4HIL
S103 0R/NC 4HIL
S104 0R/NC 4HIL
S105 0R/NC 4HIL
S106 0R/NC 4HIL
S107 0R/NC 4HIL
S108 0R/NC 4HIL
S109 0R/NC 4HIL
C101 4.3uF
C103 4.3uF
C105 4.7UF
C108 2.2UF
C110 100nF
C109 2.2UF
C111 100nF
C113 4.3uF
C115 4.3uF
C116 1uF
C112 4.3uF
C114 4.3uF
C117 1uF
C118 2.2UF
C119 1uF
C122 2.2UF/NC
C124 1uF
C126 1uF
C127 4.3uF
C128 4.3uF
C130 1uF
C100 4.3uF
C102 4.3uF
C104 4.3uF
C106 4.3uF
C107 4.3uF
C120 4.3uF
C121 4.3uF/NC
C123 4.3uF/NC
C125 1uF/NC
C129 4.3uF/NC
C131 2.2UF
C132 100nF
M23 DVDD_GPU
N21 DVDD_GPU
N22 DVDD_GPU
N23 DVDD_GPU
P22 DVDD_GPU
P23 DVDD_GPU
R22 DVDD_GPU
R23 DVDD_GPU
T22 DVDD_GPU
T23 DVDD_GPU
M22 DVDD_SRAM_GPU
W11 DVDD_SRAM_PROC_B
M11 DVDD_CORE
M14 DVDD_CORE
M18 DVDD_CORE
N10 DVDD_CORE
N11 DVDD_CORE
N14 DVDD_CORE
N18 DVDD_CORE
P11 DVDD_CORE
P14 DVDD_CORE
P18 DVDD_CORE
R10 DVDD_CORE
R11 DVDD_CORE
R14 DVDD_CORE
R15 DVDD_CORE
R19 DVDD_CORE
T15 DVDD_CORE
T18 DVDD_CORE
T19 DVDD_CORE
U18 DVDD_CORE
U19 DVDD_CORE
V19 DVDD_CORE
AB7 DVDD_CORE
T10 DVDD_PROC_B
T11 DVDD_PROC_B
U10 DVDD_PROC_B
U11 DVDD_PROC_B
W10 DVDD_PROC_B
Y10 DVDD_PROC_B
Y11 DVDD_PROC_B
AA11 DVDD_PROC_B
AB10 DVDD_PROC_B
AB11 DVDD_PROC_B
AC10 DVDD_PROC_B
AC11 DVDD_PROC_B
AD10 DVDD_PROC_B
AD11 DVDD_PROC_B
AE11 DVDD_PROC_B
AE10 DVDD_PROC_B
AF11 DVDD_PROC_B
AG8 DVDD_PROC_B
AG9 DVDD_PROC_B
AG10 DVDD_PROC_B
U12 DVDD_PROC_L
V15 DVDD_PROC_L
V16 DVDD_PROC_L
W12 DVDD_PROC_L
W15 DVDD_PROC_L
Y15 DVDD_PROC_L
AA12 DVDD_PROC_L
AA16 DVDD_PROC_L
AB12 DVDD_PROC_L
AB15 DVDD_PROC_L
AB16 DVDD_PROC_L
AC12 DVDD_PROC_L
AC16 DVDD_PROC_L
AD16 DVDD_PROC_L
AD17 DVDD_PROC_L
AE13 DVDD_PROC_L
AE17 DVDD_PROC_L
AF13 DVDD_PROC_L
AF14 DVDD_PROC_L
AF15 DVDD_PROC_L
AF16 DVDD_PROC_L
AF17 DVDD_PROC_L
T12 DVDD_SRAM_PROC_L
W16 DVDD_SRAM_PROC_L
U23 DVDD_MODEM
V22 DVDD_MODEM
V23 DVDD_MODEM
W19 DVDD_MODEM
W23 DVDD_MODEM
Y17 DVDD_MODEM
Y18 DVDD_MODEM
Y23 DVDD_MODEM
AA17 DVDD_MODEM
AA24 DVDD_MODEM
N17 DVDD_SRAM_CORE
P9 DVDD_SRAM_CORE
P15 DVDD_SRAM_CORE
P19 DVDD_SRAM_CORE
R16 DVDD_SRAM_CORE
K11 AVDD075_EMI
K12 AVDD075_EMI
K14 AVDD075_EMI
K16 AVDD075_EMI
K18 AVDD075_EMI
K20 AVDD075_EMI
L11 AVDDQ_EMI
L13 AVDDQ_EMI
L17 AVDDQ_EMI
L19 AVDDQ_EMI
L21 AVDDQ_EMI
U22 DVDD_SRAM_MODEM
Y20 DVDD_SRAM_MODEM

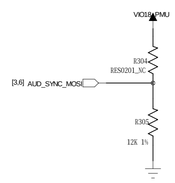

VIO18_PMU
VIO18_PMU
R100 100K 1%
R101 100K 1%
[3] AUX_IN1_NTC
[3] AUX_IN0_NTC
R102 NCP15XH104F03RC
R103 NCP15XH104F03RC

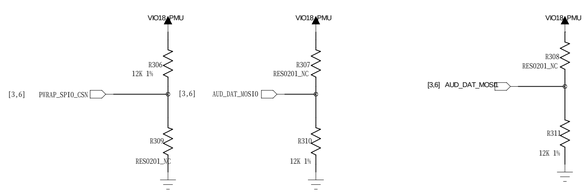

VIO18_PMU
R104 191K/NC
[3] AUX_IN2_NTC
R105 100K 1%

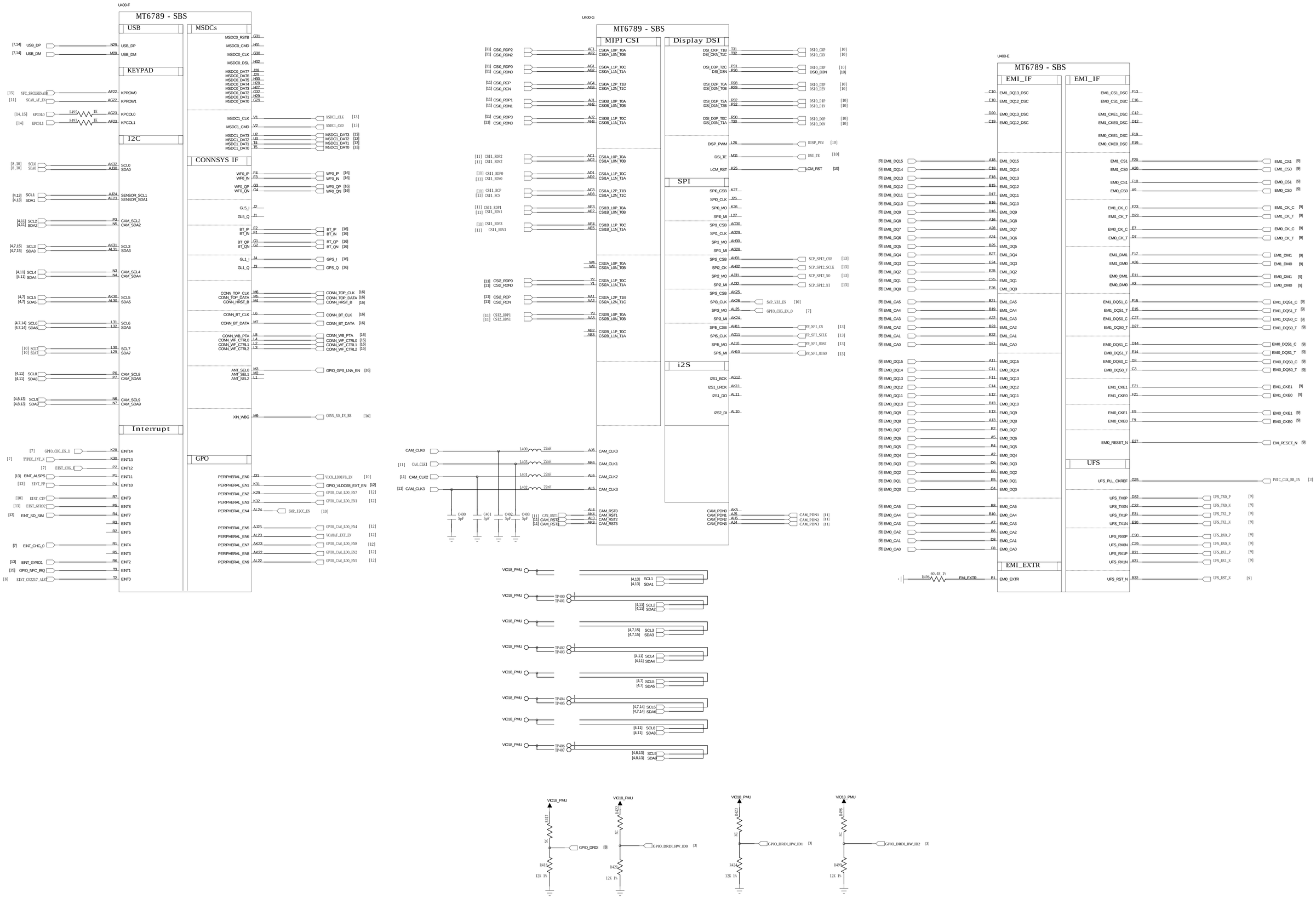

U400-A
MT6789 - SBS
AVDD
PERI_A
PLL VDD
PERI_D
GND
VA12_PMU
VIO18_PMU_AVDD
VIO18_PMU_AP
VMC_PMU
VSIM1_PMU
VSIM2_PMU
VEFUSE_PMU
AVDD12_MD
AVDD12_DDR
AVDD18_MD
AVDD18_AP
AVDD18_PROC
AVDD18_DDR
AVDD12_GPUPLLGP
AVDD12_MDPLLGP
AVDD12_APPLLGP
AVDD18_GPUPLLGP
AVDD18_MDPLLGP
AVDD18_APPLLGP
DVDD18_IOB0
DVDD18_IOB1
DVDD18_IOL
DVDD18_IOLT
DVDD18_IORB
DVDD18_IORT
DVDD18_MSDC
DVDD18_SIM_1
DVDD18_SIM_2
DVDD28_MSDC
DVDD28_SIM_1
DVDD28_SIM_2
DVDD18_VQPS
AVDD12_CSI
AVDD12_DSI
AVDD18_DSI
AVDD075_DRV_DSI
AVDD12_USB
AVDD18_USB
AVDD33_USB
AVDD12_WBG
AVDD18_WBG
AVDD12_UFS
AVDD18_UFS
AVDD12_AUXADC
AVDD18_AUXADC
VIO18_PMU_AVDD
DVDD_SRAM_CORE
VUSB_PMU
DVSS
C200 1uF
C201 1uF/3C
C202 100nF
C203 1uF
C204 1uF
C205 1uF
C206 1uF
C207 1uF
C208 1uF
C209 1uF
C210 1uF
C211 100nF
C212 1uF
C213 1uF
C214 100nF
C215 100nF
C216 100nF
C217 100nF
C218 100nF
C219 100nF
C220 100nF
C221 100nF
C222 1uF
C223 1uF
C224 100nF
C225 100nF
C226 100nF
C227 100nF
C228 100nF
C229 100nF
C231 100nF
C232 100nF
C233 100nF
C234 100nF
C235 1uF
C236 100nF
C237 100nF
C238 1uF
U400-H
MT6789 - SBS
GND
GND

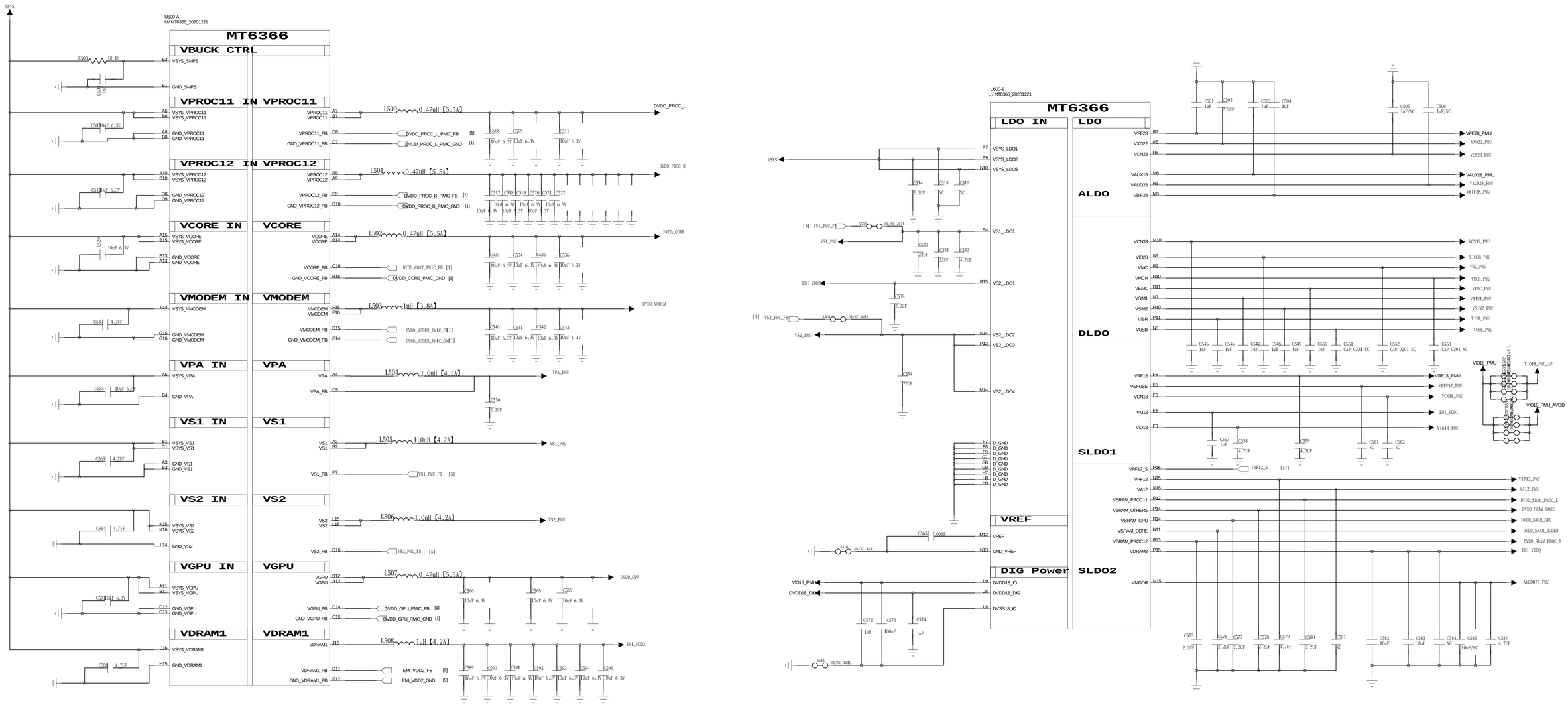

U400-C
MT6789 - SBS
CKEN
PMIC_IF
SPMI
MTK Test Pin
32K
NC
UART
[6] SRCLKENA0
[6,17] SRCLKENA1
AB30 SRCLKENA0
AA29 SRCLKENA1
AH28 SPMI_SCL
AH29 SPMI_SDA
U16 TP_APPLLGP
U17 TN_APPLLGP
AH12 CDMSP5A
AB19 BBTDC
AL20 BBTCK_P
AL21 BBTCK_N
J27 TESTMODE
[6] RTC32K_CK
AJ28 RTC32K_CK
A1 DUMMY
A32 DUMMY
AL1 DUMMY
AL32 DUMMY
SYSRSTB AK10 SYSRSTB [6]
WATCHDOG AK28 WATCHDOG [6]
AP_GOOD AJ29 TP300 TP_0.5
PWRAP_SPI0_CSN Y30 PWRAP_SPI0_CSN [3,6]
PWRAP_SPI0_CK Y28 PWRAP_SPI0_CK [6]
PWRAP_SPI0_MO Y29 PWRAP_SPI0_MO [6]
PWRAP_SPI0_MI AA30 PWRAP_SPI0_MI [6]
AUD_DAT_MISO0 AA26 AUD_DAT_MISO0 [6]
AUD_DAT_MISO1 AA27 AUD_DAT_MISO1 [6]
AUD_CLK_MOSI Y26 AUD_CLK_MOSI [6]
AUD_DAT_MOSI0 AB26 AUD_DAT_MOSI0 [3,6]
AUD_DAT_MOSI1 AB27 AUD_DAT_MOSI1 [3,6]
AUD_SYNC_MOSI AB29 AUD_SYNC_MOSI [3,6]
AUD_SYNC_MISO AB28 AUD_SYNC_MISO [6]
AUD_CLK_MISO W27 AUD_CLK_MISO [6]
SCP_VREQ_VAO AB31 SCP_VREQ_VAO [6]
UTXD0 AK29 UTXD0 [15]
URXD0 AL29 URXD0 [15]

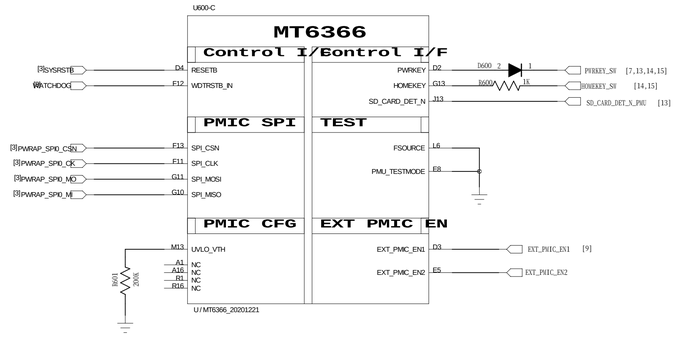

U400-D
MT6789 - SBS
SIM
26M
RFIC AIF
RFIC DIF
RFFE MIPI
RFFE BPI
AUX IN
REF POWER
[13] SIM1_SCLK AJ8 SIM1_SCLK
[13] SIM1_SIO AH8 SIM1_SIO
[13] SIM1_SRST AH6 SIM1_SRST
[13] SIM2_SCLK AK7 SIM2_SCLK
[13] SIM2_SIO AH7 SIM2_SIO
[13] SIM2_SRST AJ7 SIM2_SRST
[13] INT_SIM1 AK9 INT_SIM1
[13] INT_SIM2 AJ9 INT_SIM2
[17] RFIC0_BSI_EN AE25 RFIC0_BSI_EN
[17] RFIC0_BSI_CK AE24 RFIC0_BSI_CK
[17] RFIC0_BSI_D0 AG24 RFIC0_BSI_D0
[17] RFIC0_BSI_D1 AE24 RFIC0_BSI_D1
[19,20] MIPI0_SCLK AG27 MISC_BSI_CK_0
[19,20] MIPI0_SDATA AF27 MISC_BSI_DO_0
AE26 MISC_BSI_CK_1
AF26 MISC_BSI_DO_1
[18] MIPI2_SCLK AK27 MISC_BSI_CK_2
[18] MIPI2_SDATA AL27 MISC_BSI_DO_2
[4] GPIO_DRDI_HW_ID1 AH26 MISC_BSI_CK_3
AJ26 MISC_BSI_DO_3
[15] TEST_R AH25 MISC_BSI_CK_4
[15] TEST_G AJ25 MISC_BSI_DO_4
[19] BPI_BUS0 AB32 BPI_BUS0
[18] BPI_BUS1 AC30 BPI_BUS1
[18] BPI_BUS2 AC32 BPI_BUS2
[20] BPI_BUS3 AC26 BPI_BUS3
[20] BPI_BUS4 AC29 BPI_BUS4
AC28 BPI_BUS5
AC27 BPI_BUS6
[18] BPI_BUS7 AC31 BPI_BUS7
AD30 BPI_BUS8
[10] SMPBL_PWM AD31 BPI_BUS9
[8] FLASHTORCH AD28 BPI_BUS10
AD27 BPI_BUS11
AD32 BPI_BUS12
[4] GPIO_DRDI_HH_ID2 AE31 BPI_BUS13
[4] GPIO_DRDI_HW_ID0 AD29 BPI_BUS14
[14] ANT_CTRL0 AE30 BPI_BUS15
[14] ANT_CTRL1 AE29 BPI_BUS16
[14] ANT_CTRL2 AF31 BPI_BUS17_PA_VM0
[14] TYPEC_EAR_MIC_GND_EN AF32 BPI_BUS18_PA_VM1
[13] RST_FP AE28 BPI_BUS19_OLAT0
[15] GPIO_NFC_RSTB AE27 BPI_BUS20_OLAT1
[10] GPIO_CTP_RSTB AF28 BPI_BUS21_OLAT2
[10] MT6371_DB_EN AF29 BPI_BUS22_OLAT3
[10] MT6371_DB_EEN AF30 BPI_BUS23_ANT0
[14] TYPEC_EAR_ALP_SEL AG32 BPI_BUS24_ANT1
[4] GPIO_DRDI AG31 BPI_BUS25_ANT2
MAIN_X26M_IN AA21 R300 0 PMIC_CLK_BB [6]
PMIC_CLK_BB_IN [4]
TX_BB_IP0 AK14 LTE_TX_BB_IP0 [17]
TX_BB_IM0 AL14 LTE_TX_BB_IM0 [17]
TX_BB_QP0 AJ14 LTE_TX_BB_QP0 [17]
TX_BB_QM0 AJ15 LTE_TX_BB_QM0 [17]
PRX_BB_I1 AJ18 LTE_PRX_BB_I1 [17]
PRX_BB_Q1 AK18 LTE_PRX_BB_Q1 [17]
PRX_BB_I2 AH20 LTE_PRX_BB_I2 [17]
PRX_BB_Q2 AJ20 LTE_PRX_BB_Q2 [17]
DRX_BB_I1 AL18 LTE_DRX_BB_I1 [17]
DRX_BB_Q1 AL19 LTE_DRX_BB_Q1 [17]
DRX_BB_I2 AJ21 LTE_DRX_BB_I2 [17]
DRX_BB_Q2 AH21 LTE_DRX_BB_Q2 [17]
DET_I0 AL16 LTE_DET_BB_I0 [17]
DET_Q0 AK16 LTE_DET_BB_Q0 [17]
APC AA19 APC1 [20]
AUXIN6 W31
AUXIN5 W32
AUXIN4 V30 AUX_IN4_NTC
AUXIN3 U29 LCD_ID [10]
AUXIN2 V29 AUX_IN2_NTC [1]
AUXIN1 U28 AUX_IN1_NTC [1]
AUXIN0 T27 AUX_IN0_NTC [1]
C300 1uF
C301 1uF
C302 1uF
C303 1uF
C310 1uF
REFP Y32 REFP
REFP_ABB AJ12
C305 100nF
C304 100nF

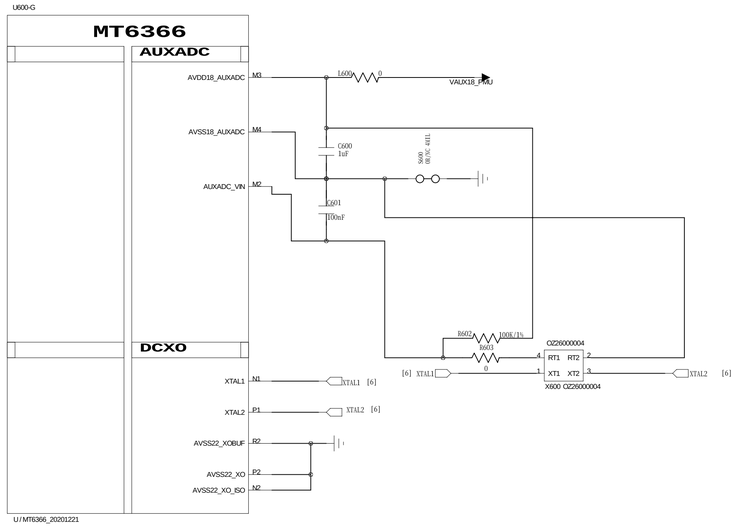

VIO18_PMU
R304 RES0201_NC
[3,6] AUD_SYNC_MOSI
R305 12K 1%

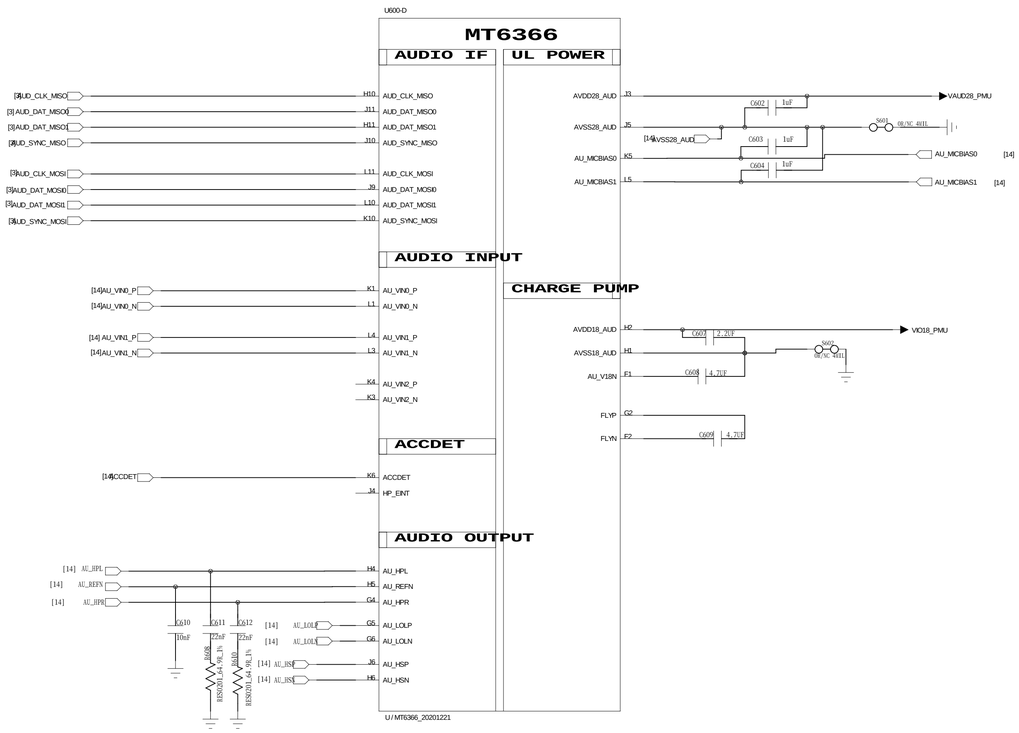

VIO18_PMU
R306 12K 1%
[3,6] PWRAP_SPI0_CSN
R309 RES0201_NC
VIO18_PMU
R307 RES0201_NC
[3,6] AUD_DAT_MOSI0
R310 12K 1%
VIO18_PMU
R308 RES0201_NC
[3,6] AUD_DAT_MOSI1
R311 12K 1%

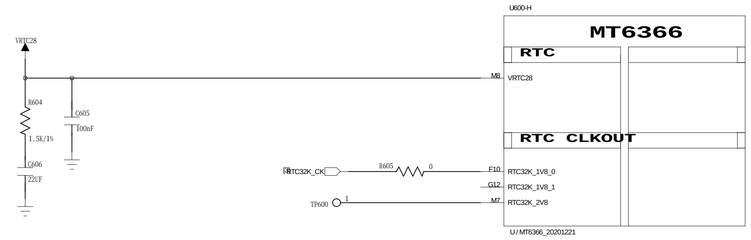

U400-F
MT6789 - SBS
USB
KEYPAD
I2C
Interrupt
MSDCs
CONNSYS IF
GPO
U400-G
MT6789 - SBS
MIPI CSI
Display DSI
SPI
i2S
U400-E
MT6789 - SBS
EMI_IF
EMI_IF
UFS
EMI_EXTR
VIO18_PMU
GPIO_DRDI
GPIO_DRDI_HW_ID0
GPIO_DRDI_HW_ID1
GPIO_DRDI_HW_ID2

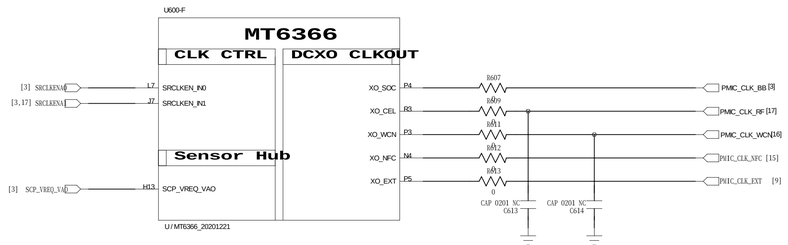

U600-A
U:MT6366_20201221
MT6366
VBUCK CTRL
VPROC11 IN VPROC11
VPROC12 IN VPROC12
VCORE IN VCORE
VMODEM IN VMODEM
VPA IN VPA
VS1 IN VS1
VS2 IN VS2
VGPU IN VGPU
VDRAM1 VDRAM1
L500 0.47uH【5.5A】
L501 0.47uH【5.5A】
L502 0.47uH【5.5A】
L503 1uH【3.8A】
L504 1.0uH【4.2A】
L505 1.0uH【4.2A】
L506 1.0uH【4.2A】
L507 0.47uH【5.5A】
L508 1uH【4.2A】
DVDD_PROC_L
DVDD_PROC_B
DVDD_CORE
DVDD_MODEM
VPA_PMU
VS1_PMU
VS2_PMU
DVDD_GPU
EMI_VDD2
U600-B
U:MT6366_20201221
MT6366
LDO IN
LDO
ALDO
DLDO
SLDO1
SLDO2
VREF
DIG Power
VFE28_PMU
VXO22_PMU
VCN28_PMU
VAUX18_PMU
VAUD28_PMU
VBIF28_PMU
VCN33_PMU
VIO28_PMU
VMC_PMU
VMCH_PMU
VEMC_PMU
VSIM1_PMU
VSIM2_PMU
VIBR_PMU
VUSB_PMU
VRF18_PMU
VEFUSE_PMU
VCN18_PMU
EMI_VDD1
VIO18_PMU
VRF12_S
VRF12_PMU
VA12_PMU
DVDD_SRAM_PROC_L
DVDD_SRAM_CORE
DVDD_SRAM_GPU
DVDD_SRAM_MODEM
DVDD_SRAM_PROC_B
EMI_VDDQ
AVDD075_PMU
VIO18_PMU_AP
VIO18_PMU_AVDD

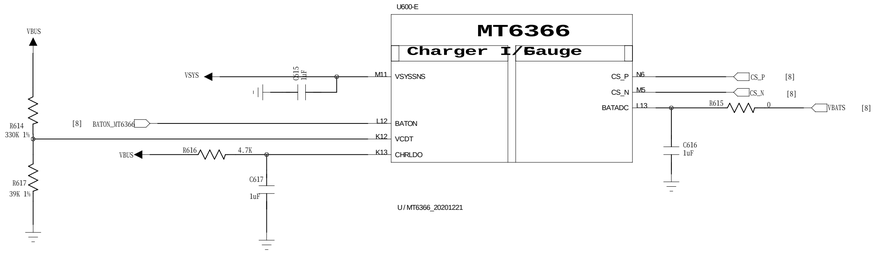

U600-C
MT6366
Control I/Control I/F
[3]SYSRSTB
WATCHDOG
RESETB
WDTRSTB_IN
PWRKEY
HOMEKEY
SD_CARD_DET_N
PMIC SPI
TEST
[3]PWRAP_SPI0_CSN
[3]PWRAP_SPI0_CK
[3]PWRAP_SPI0_MO
[3]PWRAP_SPI0_MI
SPI_CSN
SPI_CLK
SPI_MOSI
SPI_MISO
FSOURCE
PMU_TESTMODE
PMIC CFG
EXT PMIC EN
UVLO_VTH
EXT_PMIC_EN1
EXT_PMIC_EN2
PWRKEY_SW [7,13,14,15]
HOMEKEY_SW [14,15]
SD_CARD_DET_N_PMU [13]
EXT_PMIC_EN1 [9]
EXT_PMIC_EN2
R601 300K
U / MT6366_20201221

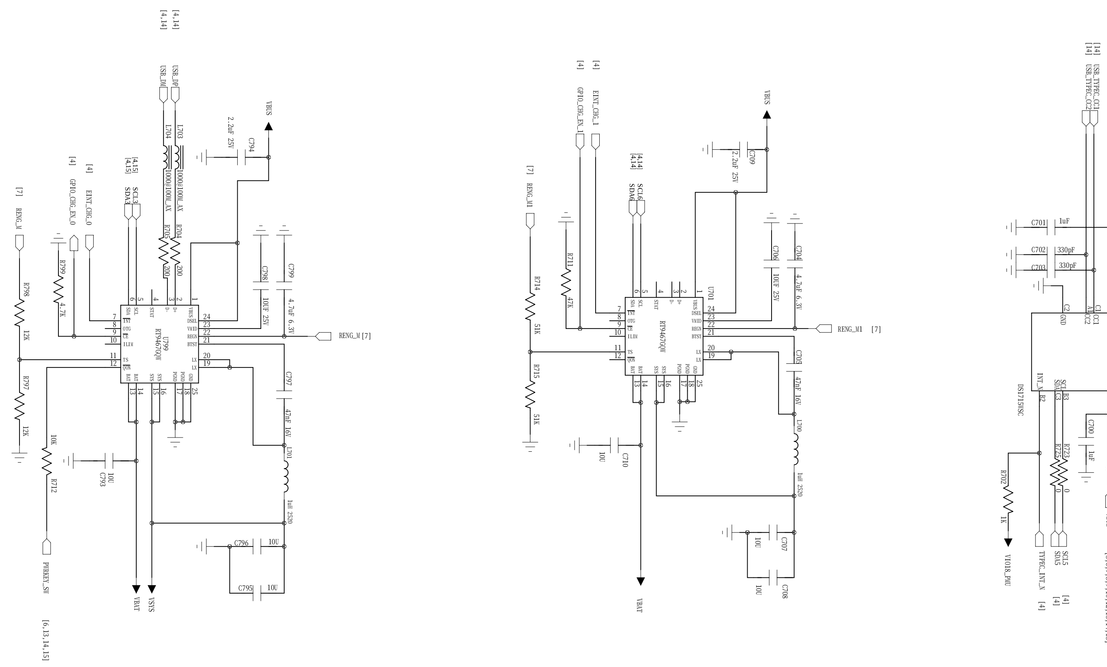

U600-G
MT6366
AUXADC
AVDD18_AUXADC
AVSS18_AUXADC
AUXADC_VIN
VAUX18_PMU
L600 0
C600 1uF
R600 0R/NC 401L
C601 100nF
R602 100K/1%
R603 0
X600 CZ26000004
[6] XTAL1
XTAL2 [6]
DCXO
XTAL1
XTAL2
AVSS22_XOBUF
AVSS22_XO
AVSS22_XO_ISO
U / MT6366_20201221

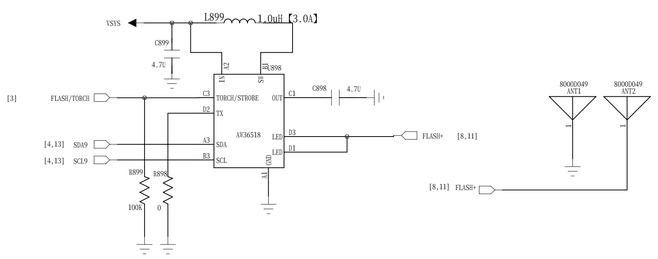

U600-D
MT6366
AUDIO IF
UL POWER
[3]AUD_CLK_MISO
[3] AUD_DAT_MISO0
[3]AUD_DAT_MISO1
[3]AUD_SYNC_MISO
[3]AUD_CLK_MOSI
[3]AUD_DAT_MOSI0
[3]AUD_DAT_MOSI1
[3]AUD_SYNC_MOSI
AUD_CLK_MISO
AUD_DAT_MISO0
AUD_DAT_MISO1
AUD_SYNC_MISO
AUD_CLK_MOSI
AUD_DAT_MOSI0
AUD_DAT_MOSI1
AUD_SYNC_MOSI
AVDD28_AUD
AVSS28_AUD
[14]AVSS28_AUD
AU_MICBIAS0
AU_MICBIAS1
VAUD28_PMU
C602 1uF
C603 1uF
C604 1uF
R601 0R/NC 401L
AU_MICBIAS0 [14]
AU_MICBIAS1 [14]
AUDIO INPUT
[14]AU_VIN0_P
[14]AU_VIN0_N
[14] AU_VIN1_P
[14]AU_VIN1_N
AU_VIN0_P
AU_VIN0_N
AU_VIN1_P
AU_VIN1_N
AU_VIN2_P
AU_VIN2_N
CHARGE PUMP
AVDD18_AUD
AVSS18_AUD
AU_V18N
FLYP
FLYN
VIO18_PMU
C607 2.2UF
C608 4.7UF
C609 4.7UF
R605 0R/NC 401L
ACCDET
[14]ACCDET
ACCDET
HP_EINT
AUDIO OUTPUT
[14] AU_HPL
[14] AU_REFN
[14] AU_HPR
AU_HPL
AU_REFN
AU_HPR
AU_LOLP
AU_LOLN
AU_HSP
AU_HSN
[14] AU_LOLP
[14] AU_LOLN
[14] AU_HSP
[14] AU_HSN
C610 10nF
C611 22nF
C612 22nF
R608 1K/1%
R610 1K/1%
U / MT6366_20201221

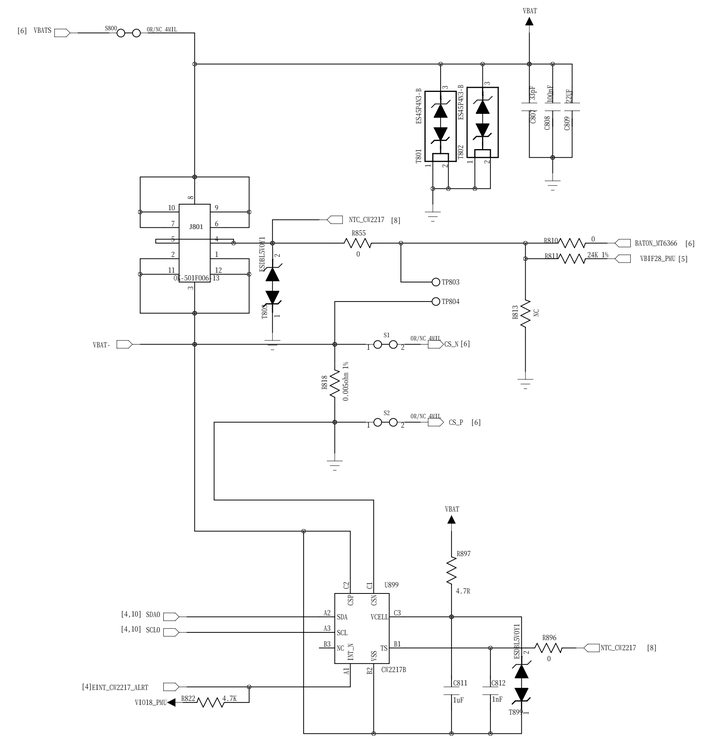

U600-H
MT6366
RTC
VRTC28
R604 1.5K/1%
C605 100nF
C606 22UF
RTC CLKOUT
[3]RTC32K_CK
TP600
R605 0
RTC32K_1V8_0
RTC32K_1V8_1
RTC32K_2V8
U / MT6366_20201221

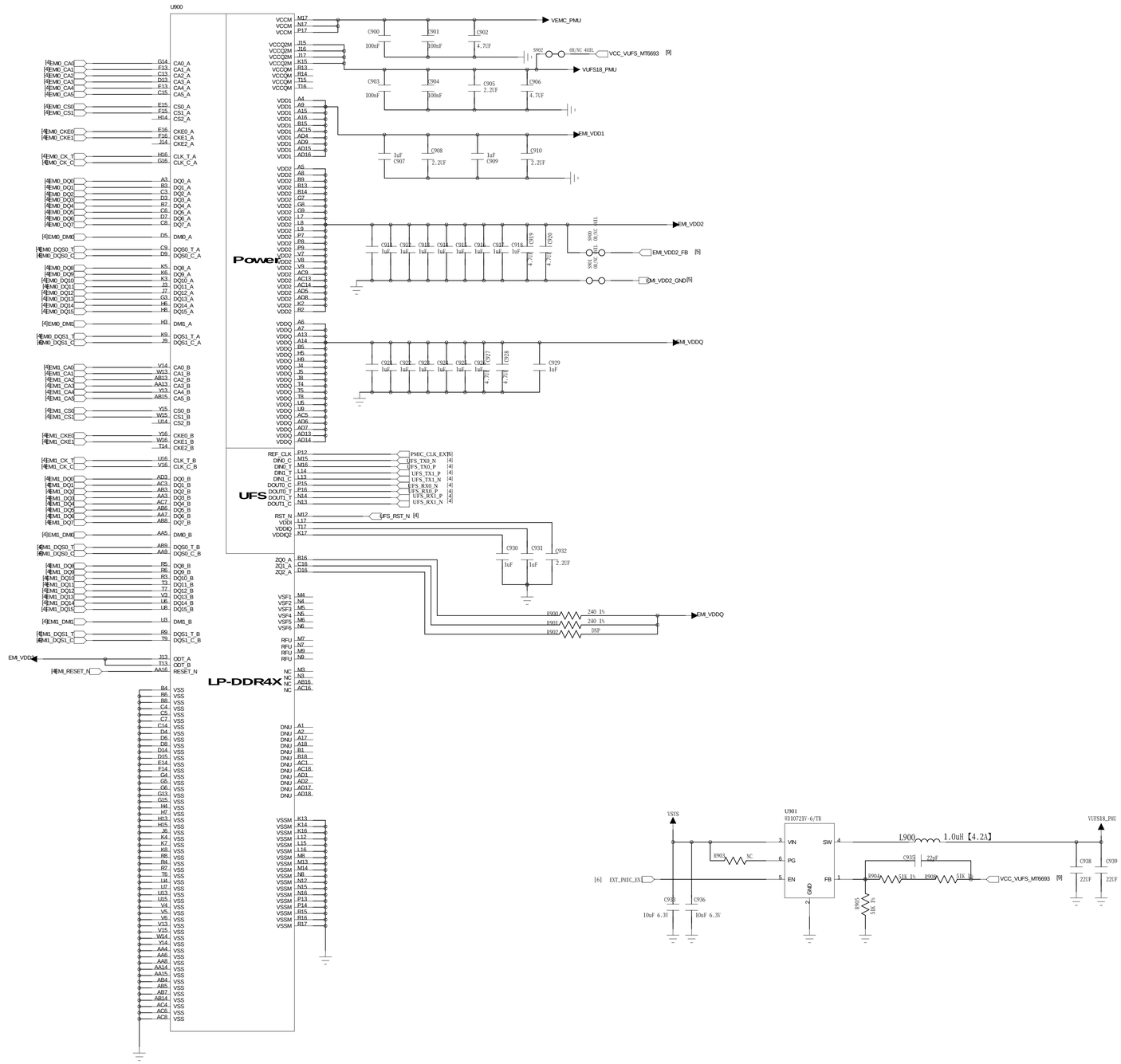

U600-F
MT6366
CLK CTRL
DCXO CLKOUT
[3] SRCLKENA0
[3,17] SRCLKENA1
SRCLKEN_IN0
SRCLKEN_IN1
Sensor Hub
[3] SCP_VREQ_VAO
SCP_VREQ_VAO
XO_SOC
XO_CEL
XO_WCN
XO_NFC
XO_EXT
R607
R609
R611
R612
R613
PMIC_CLK_BB [3]
PMIC_CLK_RF [17]
PMIC_CLK_WCN [16]
PMIC_CLK_NFC [15]
PMIC_CLK_EXT [9]
CAP 0201 NC C613
CAP 0201 NC C614
U / MT6366_20201221

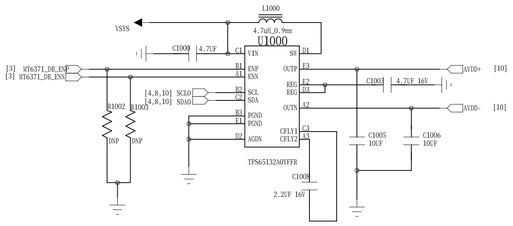

U600-E
MT6366
Charger I/Gauge
VBUS
VSYS
C615 1uF
R614 330K 1%
R617 39K 1%
[8] BATON_MT6366
VBUS
R616 4.7K
C617 1uF
VSYSSNS
BATON
VCDT
CHRLDO
CS_P
CS_N
BATADC
R615 0
C616 1uF
CS_P [8]
CS_N [8]
VBATS [8]
U / MT6366_20201221

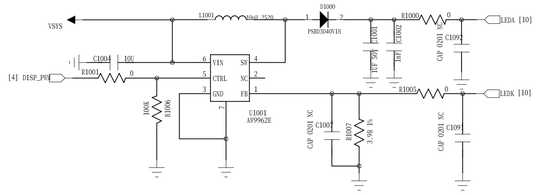

VBUS
VSYS
VBAT
VIOLDO_PMU
ISL6112SRZ
RT9466/RT9466A
RT9462/RT9462A
RT9466/RT9466A
REG_M
REG_N
PMBATT_SE
GPIO_CHG_KX_O
EXT_CHG_O
EXT_CHG_I
SCL16
SDA16
SCL15
SDA15
TYPEC_INT_N
USB_TYPEC_CC1
USB_TYPEC_CC2
USB_DP
USB_DM
[6,7,13,14,15]
[5,6,7,8,9,10,12,13,14,15]

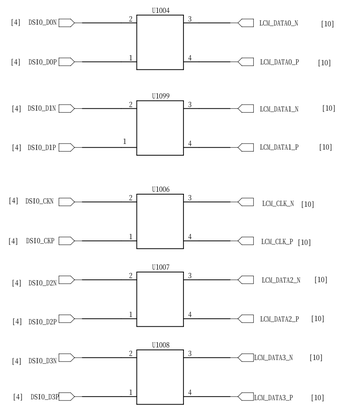

VSYS
L899
1.0uH【3.0A】
C899
4.7U
C898
4.7U
[3] FLASH/TORCH
[4,13] SDA9
[4,13] SCL9
R899
100k
R898
0
U898
AW36518
TORCH/STROBE
TX
SDA
SCL
IN
SW
OUT
LED
GND
C2
C3
D2
A3
B3
C1
D3
D1
A1
FLASH+ [8,11]
80000049
ANT1
80000049
ANT2
[8,11] FLASH+

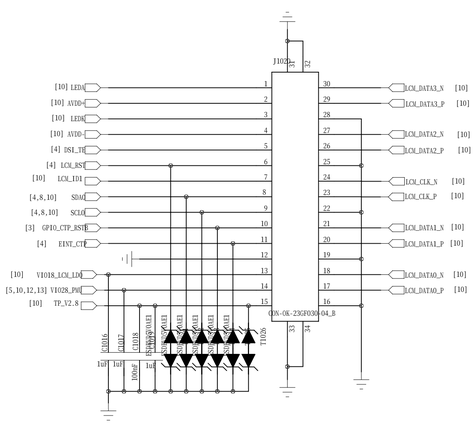

[6] VBATS
S800
OR/NC_4HIL
VBAT
ES4F8AX3.8
ES4F8AX3.8
T801
D802
C2
C3
C807
1.5UF
C808
1.0uF
C809
2.2UF
J801
SD-5031F006
NTC_CH2217 [8]
R853
0
D803
SMBJ5.0V
D804
R810
0
BATON_MT6366 [6]
R811
24K 1%
VBHF28_PMU [5]
TP803
TP804
R813
NC
VBAT-
S1
OR/NC_4HIL
CS_N [6]
R818
0.005ohm 1%
S2
OR/NC_4HIL
CS_P [6]
VBAT
R897
4.7R
U899
CSP
CSN
SDA
SCL
INT_N
VCELL
TS
VSS
CH2217B
[4,10] SDA0
[4,10] SCL0
[4]EINT_CH2217_ALRT
VI018_PMU
R822
4.7k
C811
1uF
C812
1uF
R896
0
NTC_CH2217 [8]
ES3F8.5V001
T899

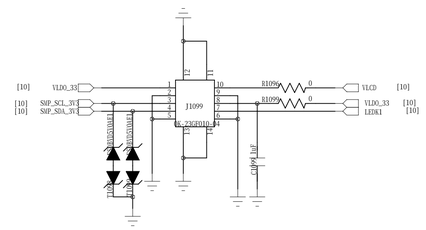

U900
LP-DDR4X
Power
UFS
VEMC_PMU
VCC_VUFS_MT6693 [9]
VUFS18_PMU
EMI_VDD1
EMI_VDD2
EMI_VDD2_FB [5]
EMI_VDD2_GND [5]
EMI_VDDQ
PMIC_CLK_EXT [6]
UFS_TX0_N [4]
UFS_TX0_P [4]
UFS_TX1_P [4]
UFS_TX1_N [4]
UFS_RX0_N [4]
UFS_RX0_P [4]
UFS_RX1_P [4]
UFS_RX1_N [4]
UFS_RST_N [4]
EMI_VDD2
EMI_RESET_N
U901
VIN
SW
PG
EN
FB
GND
VSYS
VUFS18_PMU
EXT_PMIC_EN [6]
VCC_VUFS_MT6693 [9]
L900 1.0uH【4.2A】

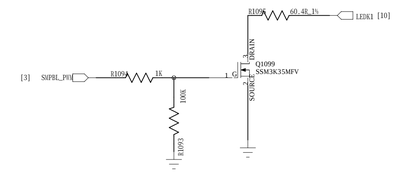

L1000
4.7uH,0.9mm
U1000
VSYS
C1009 4.7UF
VIN
SW
ENP
ENN
SCL
SDA
PGND
AGDN
OUTP
REG
OUTN
CFLY1
CFLY2
TPS65132A01FFR
C1008
2.2UF 16V
C1003 4.7UF 16V
C1005 10UF
C1006 10UF
AVDD+ [10]
AVDD- [10]
[3] VT6371_D0_EN
[3] VT6371_D0_EN
[4,8,10] SCL0
[4,8,10] SDA0
R1002 1KP
R1003 1KP

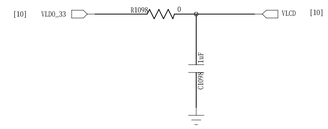

VSYS
L1001 10uH 2520
D1000
PSRD1040V18
R1000 0
LED4 [10]
C1003 1UF 25V
C1002 1UF
C1092 CAP 0201 NC
[4] DISP_PWM
C1004 10U
R1001 0
VIN
CTRL
GND
SW
NC
FB
U1001
AW9962E
100K R1006
CAP 0201 NC C1097
R1007 34.8K
R1005 0
LED6 [10]
CAP 0201 NC C1099

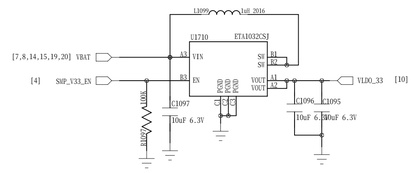

U1004
[4] DSI0_D0N
[4] DSI0_D0P
LCD_DATA0_N [10]
LCD_DATA0_P [10]
U1099
[4] DSI0_D1N
[4] DSI0_D1P
LCD_DATA1_N [10]
LCD_DATA1_P [10]
U1006
[4] DSI0_CKN
[4] DSI0_CKP
LCD_CLK_N [10]
LCD_CLK_P [10]
U1007
[4] DSI0_D2N
[4] DSI0_D2P
LCD_DATA2_N [10]
LCD_DATA2_P [10]
U1008
[4] DSI0_D3N
[4] DSI0_D3P
LCD_DATA3_N [10]
LCD_DATA3_P [10]

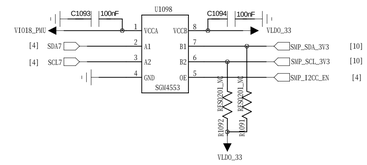

J1025
[10] LED4
[10] AVDD
[10] LED6
[10] AVDD
[4] DSI_TE
[4] LCD_RST
[10] LCD_ID1
[4,8,10] SDA0
[4,8,10] SCL0
[3] GPIO_CTP_RSTB
[4] EINT_CTP
[10] VT018_LCD_LDO
[5,10,12,13] VT028_PWM
[10] TP_V2.8
LCD_DATA3_N [10]
LCD_DATA3_P [10]
LCD_DATA2_N [10]
LCD_DATA2_P [10]
LCD_CLK_N [10]
LCD_CLK_P [10]
LCD_DATA1_N [10]
LCD_DATA1_P [10]
LCD_DATA0_N [10]
LCD_DATA0_P [10]
CON-OL-23GF036-04_B
U1016 1uF
U1017 1uF
C1018 100nF
SGM3013 1uF
U1013
U1013
U1013
U1013
U1013
U1013
U1013
U1013
TVD0

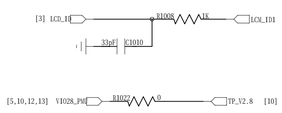

[10] VLDO_33
[10] SWP_SCL_3V3
[10] SWP_SDA_3V3
U1003
U1004
J1099
R1096 0
R1099 0
VLCD [10]
VLDO_33 [10]
LED1K1 [10]
C1098 1uF

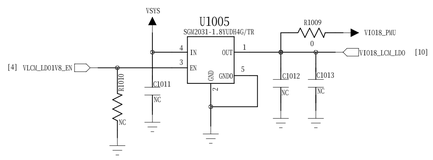

R1098 60.4K,1%
LED1K1 [10]
[3] SWPBL_PWM
R1094 1K
Q1099
SSM3K35MFV
DRAIN
SOURCE
100K
R1095

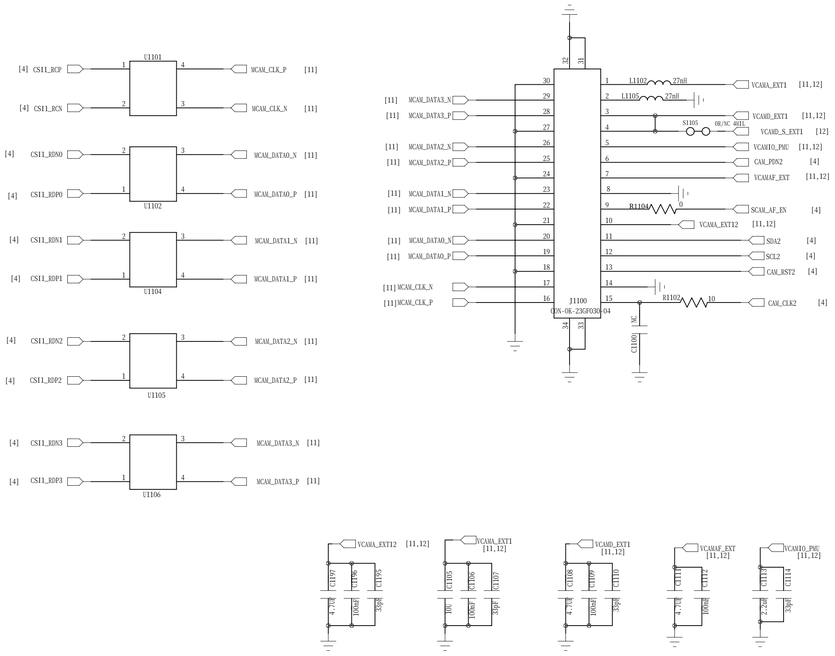

[10] VLDO_33
R1099 0
VLCD [10]
C1098 1uF


L1099 1uH 2016
U1710 ETA1032CSJ
[7,8,14,15,19,20] VBAT
[4] SWP_Y33_EN
VIN
EN
SW
VOUT
GND
C1097 10uF 6.3V
C1096 10uF 6.3V
C1095 10uF 6.3V
VLDO_33 [10]
100K R1097

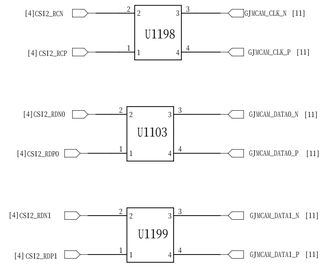

C1093 100nF
U1098
C1094 100nF
VT018_PWM
[4] SDA7
[4] SCL7
VCCA
A1
A2
GND
VCCB
B1
B2
OE
SGM4553
VLDO_33
SWP_SDA_3V3 [10]
SWP_SCL_3V3 [10]
SWP_T2CC_EN [4]
R1092A 2.2K
R1092B 2.2K
R1093 2.2K
VLDO_33

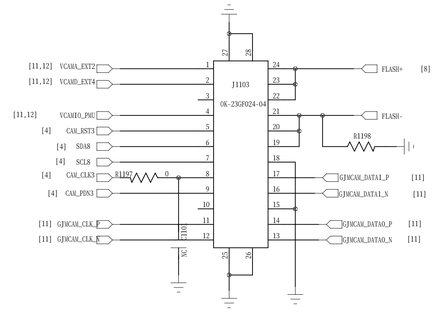

[3] LCD_ID1
R1008 1K
LCD_ID1 [10]
33pF C1010
[5,10,12,13] VT028_PWM
R1072 0
TP_V2.8 [10]

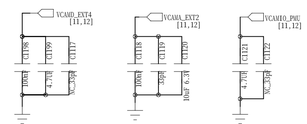

VSYS
U1005
SGM2031-1.8YUH64G/TR
[4] VLCD_LDO1V8_EN
IN
EN
OUT
GND
C1011 NC
R1010 NC
R1009 0
VT018_PWM
VT018_LCD_LDO [10]
C1012 NC
C1013 NC

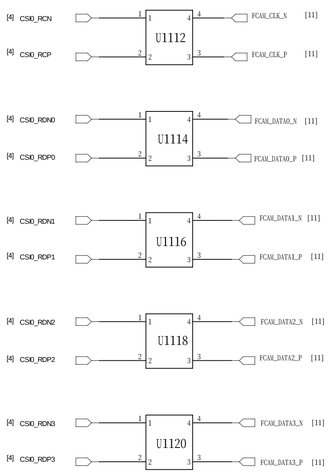

U1101
[4] CSI1_RCP
[4] CSI1_RCN
MCAM_CLK_P [11]
MCAM_CLK_N [11]
U1102
[4] CSI1_RDN0
[4] CSI1_RDP0
MCAM_DATA0_N [11]
MCAM_DATA0_P [11]
U1104
[4] CSI1_RDN1
[4] CSI1_RDP1
MCAM_DATA1_N [11]
MCAM_DATA1_P [11]
U1105
[4] CSI1_RDN2
[4] CSI1_RDP2
MCAM_DATA2_N [11]
MCAM_DATA2_P [11]
U1106
[4] CSI1_RDN3
[4] CSI1_RDP3
MCAM_DATA3_N [11]
MCAM_DATA3_P [11]
J1100
OK-OK-23GF024-04
[11] MCAM_DATA3_N
[11] MCAM_DATA3_P
[11] MCAM_DATA2_N
[11] MCAM_DATA2_P
[11] MCAM_DATA1_N
[11] MCAM_DATA1_P
[11] MCAM_DATA0_N
[11] MCAM_DATA0_P
[11] MCAM_CLK_N
[11] MCAM_CLK_P
L1102 27nH
L1105 27nH
S1105 0R/NC 401L
R1104 0
R1102 10
C1100 NC
VCAMA_EXT1 [11,12]
VCAND_EXT1 [11,12]
VCAND_S_EXT1 [12]
VCAMIO_PMU [11,12]
CAM_PDN2 [4]
VCAMAF_EXT [11,12]
SCAM_AF_EN [4]
VCAMA_EXT12 [11,12]
SDA2 [4]
SCL2 [4]
CAM_RST2 [4]
CAM_CLK2 [4]

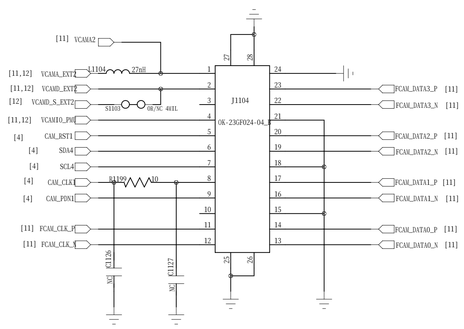
VCAMA_EXT12 [11,12]
C1197 4.7uF
C1196 100nF
C1195 33pF
VCAMA_EXT1 [11,12]
C1105 10u
C1106 100nF
C1107 10pF
VCAND_EXT1 [11,12]
C1108 4.7uF
C1109 100nF
C1110 33pF
VCAMAF_EXT [11,12]
C1111 4.7uF
C1112 100nF
VCAMIO_PMU [11,12]
C1113 2.2uF
C1114 33pF

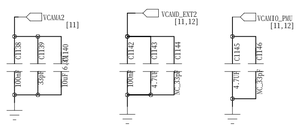

[4] CSI2_RCN
[4] CSI2_RCP
U1198
GJMCAM_CLK_N [11]
GJMCAM_CLK_P [11]
[4] CSI2_RDN0
[4] CSI2_RDP0
U1103
GJMCAM_DATA0_N [11]
GJMCAM_DATA0_P [11]
[4] CSI2_RDN1
[4] CSI2_RDP1
U1199
GJMCAM_DATA1_N [11]
GJMCAM_DATA1_P [11]

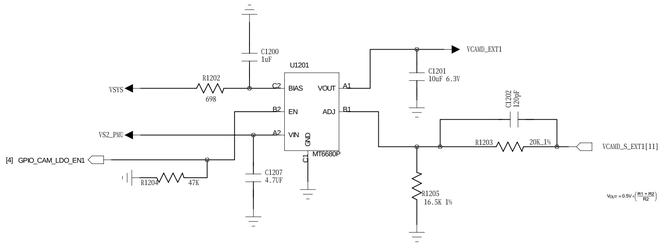

J1103
OK-23GF024-04
[11,12] VCAMA_EXT2
[11,12] VCAND_EXT4
[11,12] VCAMIO_PMU
[4] CAM_RST3
[4] SDA8
[4] SCL8
[4] CAM_CLK3
[4] CAM_PDN3
[11] GJMCAM_CLK_P
[11] GJMCAM_CLK_N
R1197 0
R1198
FLASH+ [8]
FLASH-
GJMCAM_DATA1_P [11]
GJMCAM_DATA1_N [11]
GJMCAM_DATA0_P [11]
GJMCAM_DATA0_N [11]

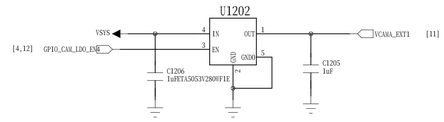

VCAND_EXT4 [11,12]
C1198 100nF
C1199 4.7uF
C1117 NC_33pF
VCAMA_EXT2 [11,12]
C1118 100nF
C1119 25pF
C1120 10uF_6.3V
VCAMIO_PMU [11,12]
C1121 4.7uF
C1122 NC_33pF

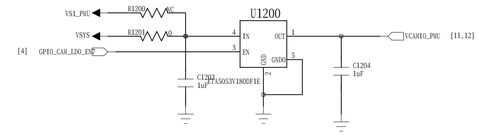

U1112
[4] CS0_RCN
[4] CS0_RCP
FCAM_CLK_N [11]
FCAM_CLK_P [11]
U1114
[4] CS0_RDN0
[4] CS0_RDP0
FCAM_DATA0_N [11]
FCAM_DATA0_P [11]
U1116
[4] CS0_RDN1
[4] CS0_RDP1
FCAM_DATA1_N [11]
FCAM_DATA1_P [11]
U1118
[4] CS0_RDN2
[4] CS0_RDP2
FCAM_DATA2_N [11]
FCAM_DATA2_P [11]
U1120
[4] CS0_RDN3
[4] CS0_RDP3
FCAM_DATA3_N [11]
FCAM_DATA3_P [11]

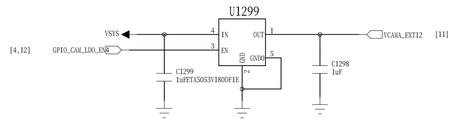

[11] VCAMA2
[11,12] VCAMA_EXT2
[11,12] VCAND_EXT2
[12] VCAND_S_EXT2
[11,12] VCAMIO_PMU
[4] CAM_RST1
[4] SDA4
[4] SCL4
[4] CAM_CLK
[4] CAM_PDN1
[11] FCAM_CLK_P
[11] FCAM_CLK_N
L1104 27nH
S1103 0R/NC 401L
R1100 10
C1126 NC
C1127 NC
J1104
OK-23GF024-04
FCAM_DATA3_P [11]
FCAM_DATA3_N [11]
FCAM_DATA2_P [11]
FCAM_DATA2_N [11]
FCAM_DATA1_P [11]
FCAM_DATA1_N [11]
FCAM_DATA0_P [11]
FCAM_DATA0_N [11]

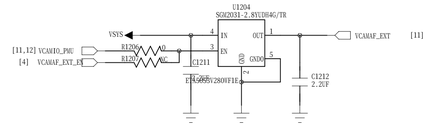

VCAMA2 [11]
C1138 100nF
C1139 33pF
C1140 10uF_6.3V
VCAND_EXT2 [11,12]
C1142 100nF
C1143 4.7uF
C1144 NC_33pF
VCAMIO_PMU [11,12]
C1145 4.7uF
C1146 NC_33pF

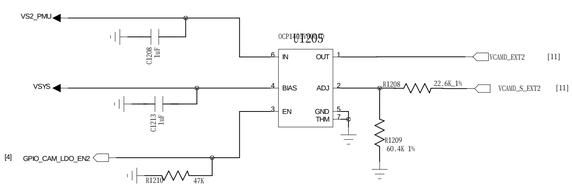

U1201
MT6680P
C1200
1uF
R1202
69k
VSYS
VS2_PMU
[4] GPIO_CAM_LDO_EN1
R1204
47k
C1207
4.7UF
BIAS
EN
VIN
VOUT
ADJ
GND
A1
B1
C2
B2
A2
VCAMD_EXT1
C1201
10uF 6.3V
C1202
120pF
R1203
20K_1%
VCAMD_S_EXT1 [11]
R1205
16.5K 1%
VOUT = 0.9V × (R1 + R2) / R2

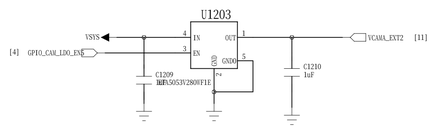

U1202
VSYS
[4,12] GPIO_CAM_LDO_EN5
IN
EN
OUT
GND
GND
C1206
1uFETA5053V2800FIE
C1205
1uF
VCAMA_EXT1 [11]

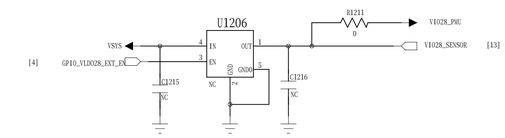

U1200
VS1_PMU
R1200
NC
VSYS
R1201
0
[4] GPIO_CAM_LDO_EN7
IN
EN
OUT
GND
GND
C1203
1uF
ETA5053V1800FIE
C1204
1uF
VCAMIO_PMU [11,12]

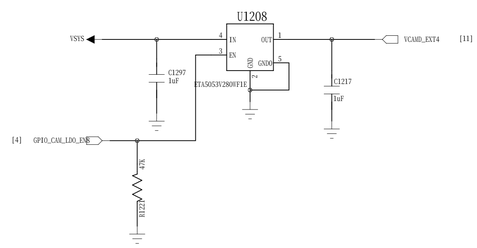

U1299
VSYS
[4,12] GPIO_CAM_LDO_EN6
IN
EN
OUT
GND
GND
C1299
1uFETA5053V1800FIE
C1298
1uF
VCAMA_EXT12 [11]

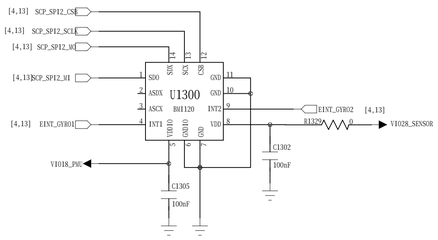

U1204
SGM2031-2.8YUH4G/TR
VSYS
[11,12] VCAMIO_PMU
[4] VCAMAF_EXT_EN
R1206
0
R1207
NC
C1211
1uF
IN
EN
OUT
GND
GND
ETA5053V2800FIE
C1212
2.2UF
VCAMAF_EXT [11]

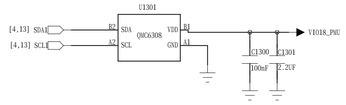

VS2_PMU
C1208
1uF
VSYS
C1213
1uF
[4] GPIO_CAM_LDO_EN2
R1210
47k
U1205
OCP14V1
IN
BIAS
EN
OUT
ADJ
GND
THM
VCAMD_EXT2 [11]
R1208
22.6k_1%
VCAMD_S_EXT2 [11]
R1209
60.4k 1%

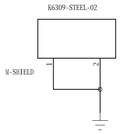

U1203
VSYS
[4] GPIO_CAM_LDO_EN3
IN
EN
OUT
GND
GND
C1209
1uFETA5053V2800FIE
C1210
1uF
VCAMA_EXT2 [11]

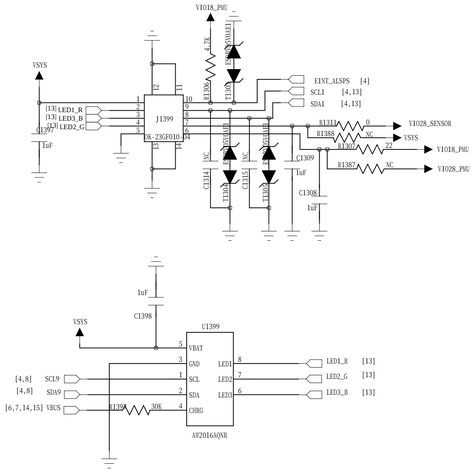

U1206
VSYS
[4] GPIO_VLDO28_EXT_EN
IN
EN
OUT
GND
GND
C1215
NC
R1211
0
VI028_PMU
VI028_SENSOR [13]
C1216
NC

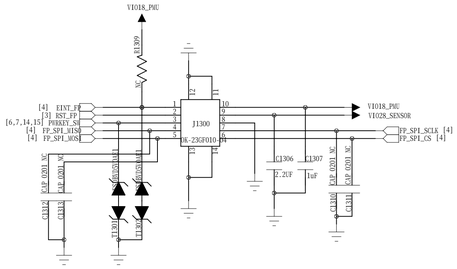

U1208
VSYS
[4] GPIO_CAM_LDO_EN8
IN
EN
OUT
GND
GND
C1297
1uF
ETA5053V2800FIE
C1217
1uF
VCAMD_EXT4 [11]
R1227
47k

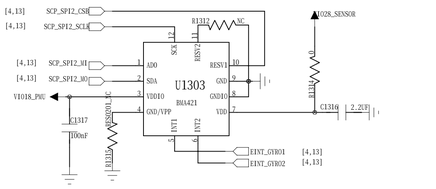

U1300
BMI120
[4,13] SCP_SPI2_CS0
[4,13] SCP_SPI2_SCL0
[4,13] SCP_SPI2_M0
[4,13] SCP_SPI2_M1
[4,13] EINT_GYRO1
EINT_GYRO2 [4,13]
R1329 0
VI028_SENSOR
VI018_PMU
C1302 100nF
C1305 100nF

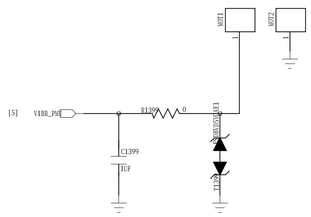

U1301
QMC6308
[4,13] SDA1
[4,13] SCL1
VI018_PMU
C1300 100nF
C1301 2.2UF

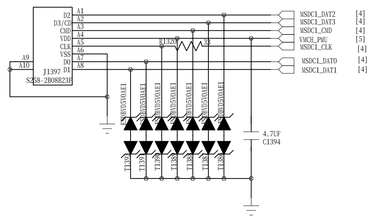

K6309-STEEL-02
M-SHIELD

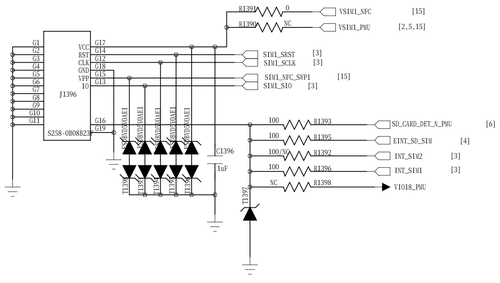

VI018_PMU
VSYS
J1399
JR-23GF010
EINT_ALSPS [4]
SCL1 [4,13]
SDA1 [4,13]
VI028_SENSOR
VI018_PMU
VI028_PMU
C1398 1uF
U1399
AW2016AQNR
LED1_R [13]
LED2_G [13]
LED3_B [13]
[4,8] SCL9
[4,8] SDA9
[6,7,14,15] VBUS
R1389 30K

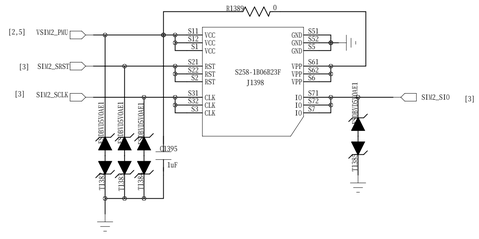

VI018_PMU
J1300
JR-23GF010
[4] EINT_FP
[3] BST_FP
[6,7,14,15] PMREY_SC
[4] FP_SPI_MISO
[4] FP_SPI_MOS
VI018_PMU
VI028_SENSOR
FP_SPI_SCLK [4]
FP_SPI_CS [4]
C1306 2.2UF
C1307 1uF

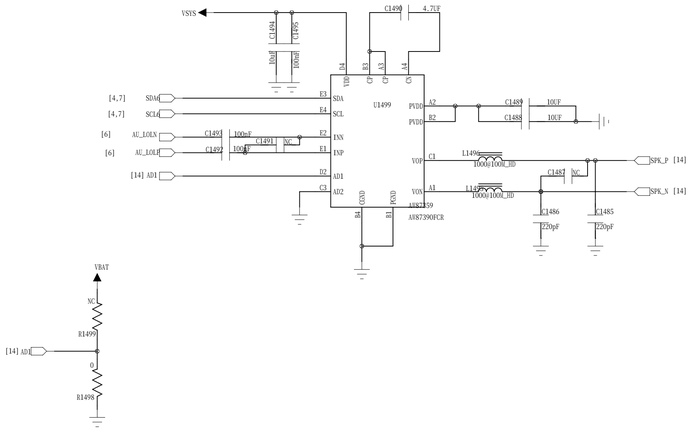

U1303
BMA421
[4,13] SCP_SPI2_CS0
[4,13] SCP_SPI2_SCL0
[4,13] SCP_SPI2_M1
[4,13] SCP_SPI2_M0
VI018_PMU
R1312 NC
VI028_SENSOR
C1316 2.2UF
C1317 100nF
EINT_GYRO1 [4,13]
EINT_GYRO2 [4,13]

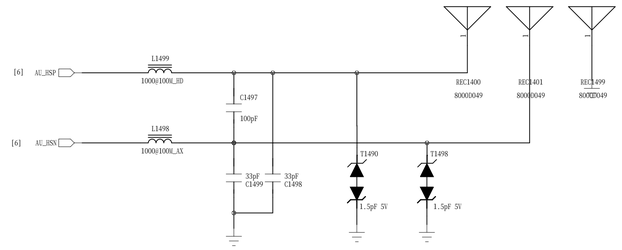

[5] VIBR_PMU
R1330 0
C1399 1uF

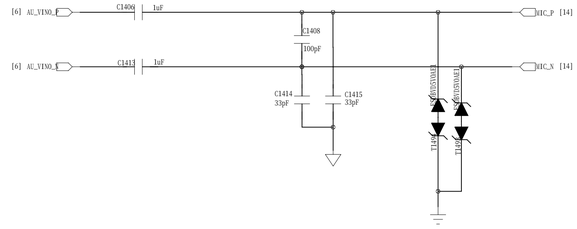

J1397
SZ58-2B08823B
MSDC1_DAT2 [4]
MSDC1_DAT3 [4]
MSDC1_CMD [4]
VMCH_PMU [5]
MSDC1_CLK [4]
MSDC1_DAT0 [4]
MSDC1_DAT1 [4]
R1320 4.8
C1394 4.7UF

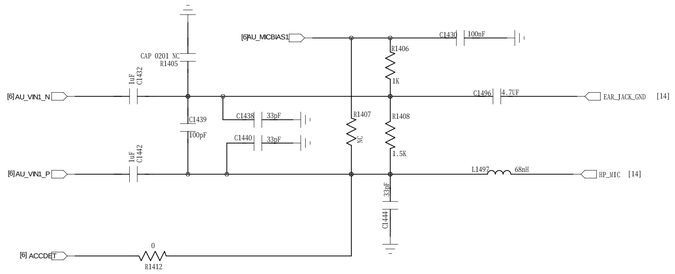

J1396
S258-0808823
R1393 0
R1390 NC
VSIM1_NFC [15]
VSIM1_PMU [2,5,15]
SIM1_SRST [3]
SIM1_SCLK [3]
SIM1_NFC_SIP1 [15]
SIM1_SIO [3]
SD_CARD_DET_N_PMU [6]
EINT_SD_SIM [4]
INT_SIM2 [3]
INT_SIM1 [3]
VI018_PMU
C1396 1uF
R1397

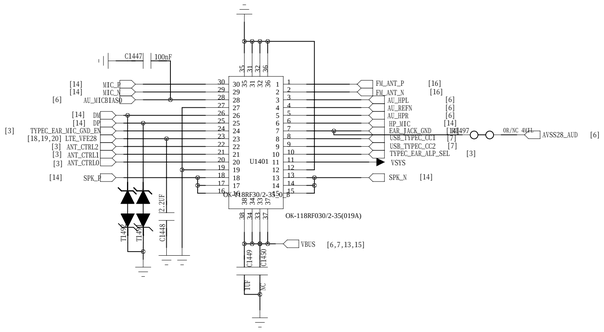

R1389 0
[2,5] VSIM2_PMU
[3] SIM2_SRST
[3] SIM2_SCLK
S258-1B06823F
J1398
SIM2_SIO [3]
C1395 1uF

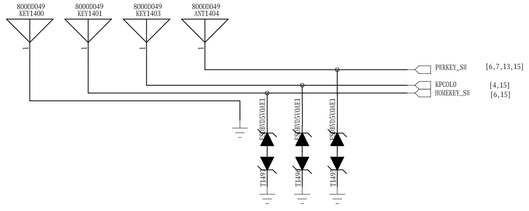

VSYS
C1494 10nF
C1495 100nF
C1490 4.7UF
U1499
AW87390
AW87390FCR
[4,7] SDA
[4,7] SCL
[6] AU_LOUN
[6] AU_LOUP
[14] AD1
C1491 100nF
C1492 100nF
NC
C1489 10UF
C1488 10UF
L1496 1000@100M_HD
L1497 1000@100M_HD
C1487 NC
C1486 220pF
C1485 220pF
SPK_P [14]
SPK_N [14]
VBAT
NC
R1499
R1498
0

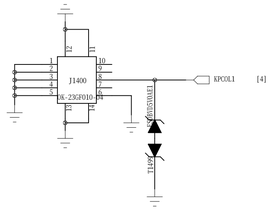

[6] AU_HSP
[6] AU_HSN
L1499 1000@100M_HD
L1498 1000@100M_AX
C1497 100pF
33pF C1499
33pF C1498
T1490
T1498
1.5pF 5V
REC1400 8000D049
REC1401 8000D049
REC1499 8000D049

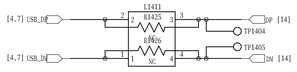

[6] AU_VIN0_P
[6] AU_VIN0_N
C1406 1uF
C1413 1uF
C1408 100pF
C1414 33pF
C1415 33pF
HIC_P [14]
HIC_N [14]

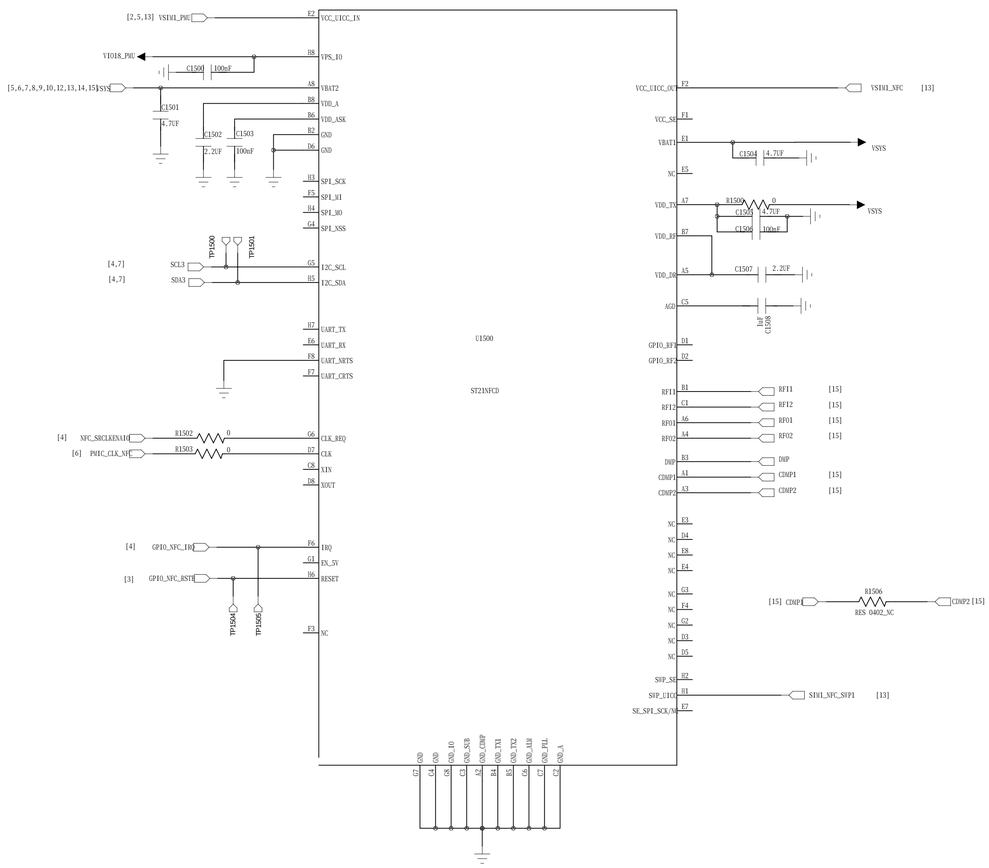

[8]AU_MICBIAS1
C1431 100nF
R1406 1K
CAP 0201 NC
R1405
1uF C1432
[8]AU_VIN1_N
C1496 4.7UF
EAR_JACK_GND [14]
C1438 33pF
C1439 100pF
C1440 33pF
R1407 NC
R1408 1.5K
1uF C1442
[8]AU_VIN1_P
L1492 68nH
HP_MIC [14]
33pF C1441
[8] ACCDET
0 R1412

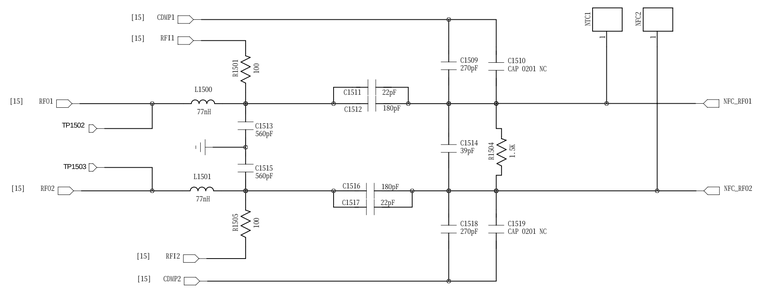

C1447 100nF
[14] MIC_P
[14] MIC_N
[6] AU_MICBIAS1
[14] DP
[14] DM
[3] TYPEC_EAR_MIC_GND_EN
[18,19,20] LTE_VFE28
[3] ANT_CTRL2
[3] ANT_CTRL1
[3] ANT_CTRL0
[14] SPK_P
FM_ANT_P [16]
FM_ANT_N [16]
AU_HPL [6]
AU_REFN [6]
AU_HPR [6]
HP_MIC [14]
EAR_JACK_GND [14]
USB_TYPEC_CC1 [7]
USB_TYPEC_CC2 [7]
TYPEC_EAR_ALP_SEL [3]
VSYS
SPK_N [14]
OR/NC 4511
AVSS28_AUD [6]
U1401
OK-188F030/2-35(019A)
VBUS [6,7,13,15]
L1449 NC
R1450 NC
TP1407
TP1408
TP1409
2.2UF C1448

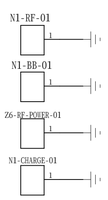

8000D049 KEY1400
8000D049 KEY1401
8000D049 KEY1403
8000D049 ANT1404
PHKEY_SH [6,7,13,15]
KPCOL0 [4,15]
HOMEKEY_SH [6,15]
TEMVS05B1UCL
TP1411
TP1412
TP1413

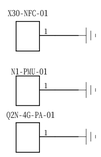

J1400
OK-23GF010-01
KPCOL1 [4]
TEMVS05B1UCL
TP1414


L1411
R1425 NC
[4,7] USB_DP
[4,7] USB_DM
DP [14]
DM [14]
TP1404
TP1405


U1500
ST21NFCD
[2,5,13] VSIM1_PMU
VCC_UICC_IN
VI018_PMU
VPS_IO
C1500 100nF
[5,6,7,8,9,10,12,13,14,15] VSYS
VBAT2
C1501 4.7UF
VDD_A
VDD_ASK
C1502 2.2UF
C1503 100nF
GND
GND
SPI_SCK
SPI_MI
SPI_MO
SPI_NSS
TP1500
TP1501
[4,7] SCL3
[4,7] SDA3
I2C_SCL
I2C_SDA
UART_TX
UART_RX
UART_NRTS
UART_CRTS
[4] NFC_SRCLKENA1
[6] PMIC_CLK_NFC
R1502 0
R1503 0
CLK_REQ
CLK
XIN
XOUT
[4] GPIO_NFC_IRQ
[3] GPIO_NFC_RSTN
IRQ
EN_5V
RESET
TP1504
TP1505
NC
VCC_UICC_OC
VSIM1_NFC [13]
VCC_SE
VBAT3
C1504 4.7UF
VSYS
NC
VDD_TX
R1505 0
C1505 4.7UF
C1506 100nF
VSYS
VDD_RX
VDD_DG
C1507 2.2UF
AGD
C1508 NC
GPIO_RF1
GPIO_RF2
RFI1 [15]
RFI2 [15]
RFO1 [15]
RFO2 [15]
DMP
CDMP1 [15]
CDMP2 [15]
[15] CDMP1
R1506 RES 0402_NC
CDMP2 [15]
SWP_SE
SWP_UICC
SE_SPI_SCK/N
SIM1_NFC_SWP1 [13]
GND GND GND_IO GND_SYS GND_CDMP GND_TX1 GND_TX2 GND_AIM GND_PHL GND_A

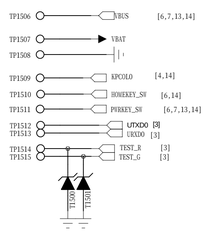

[15] CDMP1
[15] RFI1
R1501 NC
L1500 77nH
C1511 22pF
C1512 180pF
C1509 270pF
C1510 CAP 0201 NC
ANT1
ANT2
[15] RFO1
NFC_RFO1
TP1502
C1513 560pF
C1514 39pF
R1504 1.5K
TP1503
C1515 560pF
[15] RFO2
L1501 77nH
C1516 180pF
C1517 22pF
NFC_RFO2
R1505 NC
C1518 270pF
C1519 CAP 0201 NC
[15] RFI2
[15] CDMP2

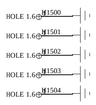

N1-RF-01
N1-BB-01
Z6-RF_POWER-01
N1-CHARGE-01

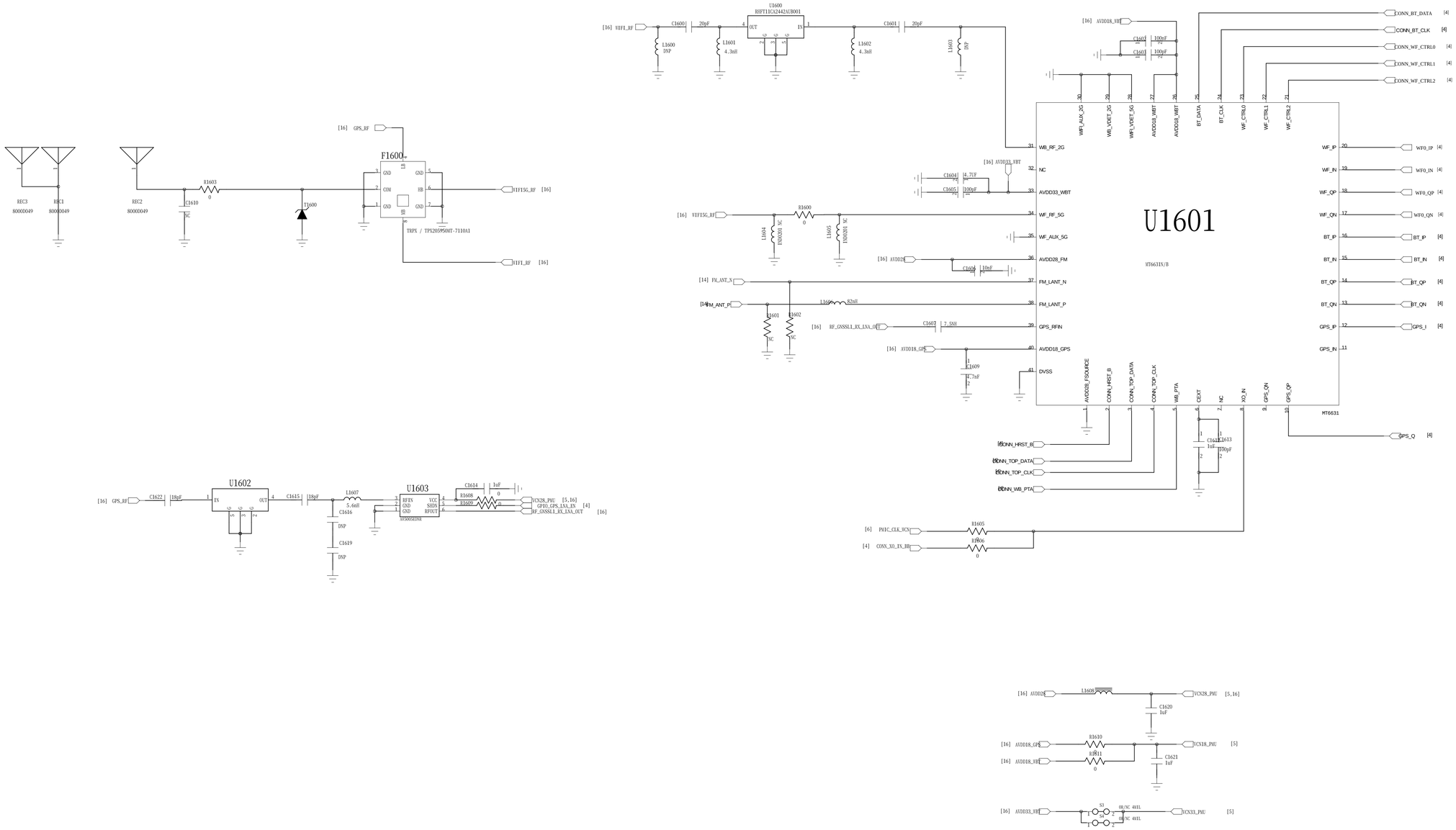

X30-NFC-01
N1-PHL-01
QZN-4G-PA-01

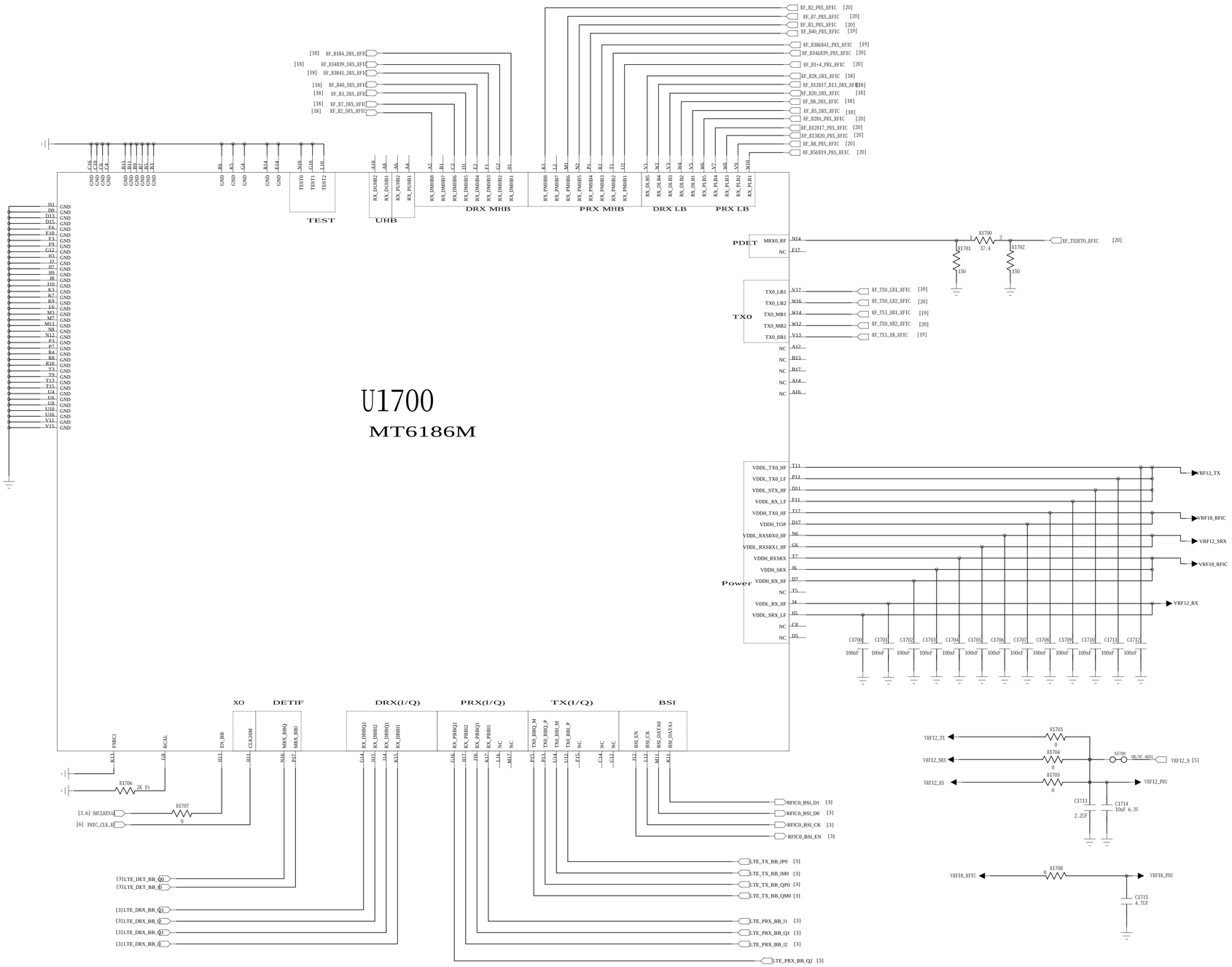
J1500

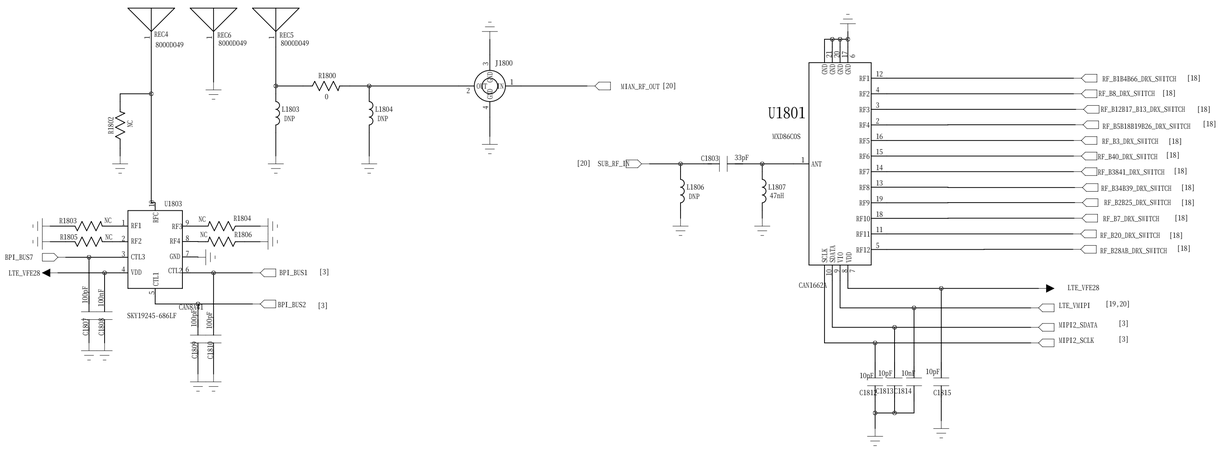
M1500
MARK_TB
M1501
MARK_TB

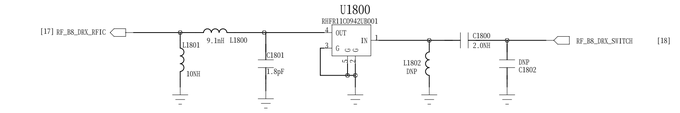

TP1506
VBUS [6,7,13,14]
TP1507
VBAT
TP1508
TP1509
KPCOL0 [4,14]
TP1510
HOMEKEY_S# [6,14]
TP1511
PHKEY_S# [6,7,13,14]
TP1512
TP1513
U1TXD0 [3]
U1RXD0 [3]
TP1514
TP1515
TEST_R [3]
TEST_G [3]
V1500
V1501

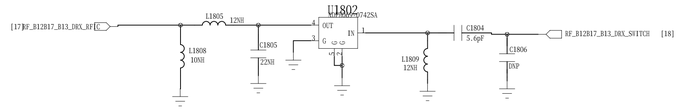

HOLE 1.6@M1500
HOLE 1.6@M1501
HOLE 1.6@M1502
HOLE 1.6@M1503
HOLE 1.6@M1504

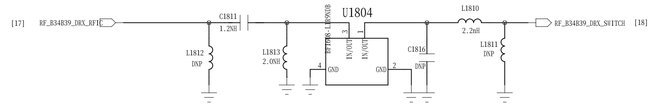

U1601
MT6631X/B
MT6631
U1600
RHPT11CA2442AUB001
U1602
U1603
F1600
TRPX / TPX205950MT-7110A1
[16] GPS_RF
[16] WIFI1_RF
[16] WIFI5G_RF
[16] AVDD18_WBT
[16] AVDD33_WBT
[16] AVDD28
[14] FM_ANT_N
[14] FM_ANT_P
[16] RF_GSSSL1_RX_LNA_OUT
[16] AVDD18_GPS
[6] PHTC_CLK_FCN
[4] CONN_XO_IN_RF
CONN_BT_DATA [4]
CONN_BT_CLK [4]
CONN_WF_CTRL0 [4]
CONN_WF_CTRL1 [4]
CONN_WF_CTRL2 [4]
WF0_IP [4]
WF0_IN [4]
WF0_QP [4]
WF0_QN [4]
BT_IP [4]
BT_IN [4]
BT_QP [4]
BT_QN [4]
GPS_I [4]
GPS_Q [4]
CONN_HRST_B
CONN_TOP_DATA
CONN_TOP_CLK
CONN_WB_PTA
VCN28_PMU [5,16]
GPIO_GPS_LNA_EN [4]
RF_GSSSL1_RX_LNA_OUT [16]
VCN28_PMU [5,16]
VCN18_PMU [5]
VCN33_PMU [5]

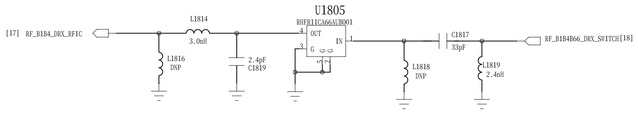

U1700
MT6186M
TEST
UHB
DRX MHB
PRX MHB
DRX LB
PRX LB
PDET
TX0
Power
XO
DETIF
DRX(I/Q)
PRX(I/Q)
TX(I/Q)
BSI
VRF12_TX
VRF18_RFIC
VRF12_SRX
VRF12_RX
VRF12_S
VRF18_PMU

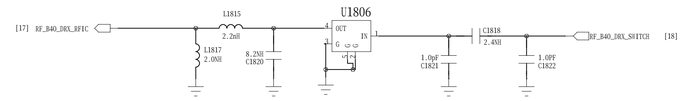

REC4
8000D049
REC6
8000D049
REC5
8000D049
R1800
0
L1803
DNP
L1804
DNP
J1800
MIAN_RF_OUT [20]
R1802
NC
U1803
RFC
R1803
R1805
R1804
R1806
[3] BP1_BUS7
LTE_VFE28
BP1_BUS1 [3]
BP1_BUS2 [3]
SKY19245-686LF
U1801
WXD86C0S
[20] SUB_RF_ANT
C1803 33pF
L1806
DNP
L1807
47nH
ANT
RF_B1B4B66_DRX_SWITCH [18]
RF_B8_DRX_SWITCH [18]
RF_B12B17_B13_DRX_SWITCH [18]
RF_B5B18B19B26_DRX_SWITCH [18]
RF_B3_DRX_SWITCH [18]
RF_B40_DRX_SWITCH [18]
RF_B3B41_DRX_SWITCH [18]
RF_B34B39_DRX_SWITCH [18]
RF_B2B25_DRX_SWITCH [18]
RF_B7_DRX_SWITCH [18]
RF_B20_DRX_SWITCH [18]
RF_B28AB_DRX_SWITCH [18]
CAN1662A
LTE_VFE28
LTE_VMIPI [19,20]
MIPI2_SDATA [3]
MIPI2_SCLK [3]
10pF
10nF
C1812
C1813
C1814
C1815

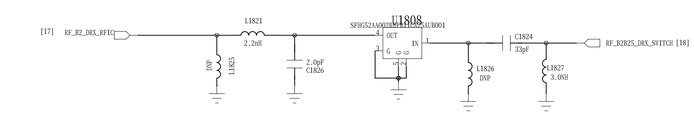

U1800
[17] RF_B8_DRX_RFIC
L1801
9.1nH
L1800
10NH
C1801
1.8pF
OUT
IN
L1802
DNP
C1800
2.0NH
DNP
C1802
RF_B8_DRX_SWITCH [18]

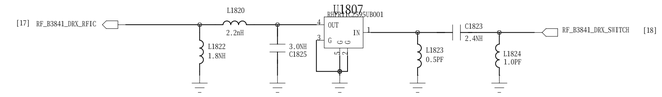

U1802
[17] RF_B12B17_B13_DRX_RFIC
L1805
12NH
L1808
10NH
C1805
22NH
OUT
IN
L1809
12NH
C1804
5.6pF
C1806
DNP
RF_B12B17_B13_DRX_SWITCH [18]

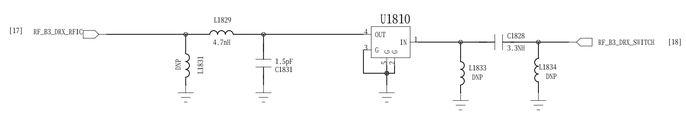

U1804
[17] RF_B34B39_DRX_RFIC
C1811
1.2NH
L1812
DNP
L1813
2.0NH
OUT
IN
GND
C1816
DNP
L1810
2.2nH
L1811
DNP
RF_B34B39_DRX_SWITCH [18]

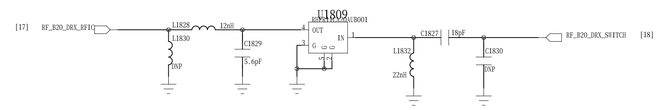

U1805
[17] RF_B1B4_DRX_RFIC
L1814
3.0nH
L1816
DNP
2.4pF
C1819
OUT
IN
C1817
33pF
L1818
DNP
L1819
2.4nH
RF_B1B4B66_DRX_SWITCH[18]

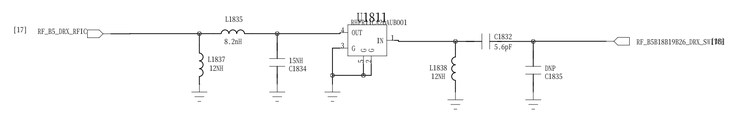

U1806
[17] RF_B40_DRX_RFIC
L1815
2.2nH
L1817
2.0NH
8.2NH
C1820
OUT
IN
1.0pF
C1821
C1818
2.4NH
1.0PF
C1822
RF_B40_DRX_SWITCH [18]

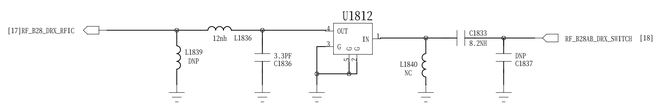

U1808
[17] RF_B2_DRX_RFIC
L1821
2.2nH
DNP
L1825
2.0pF
C1826
OUT
IN
C1824
33pF
L1826
DNP
L1827
5.0NH
RF_B2B25_DRX_SWITCH [18]

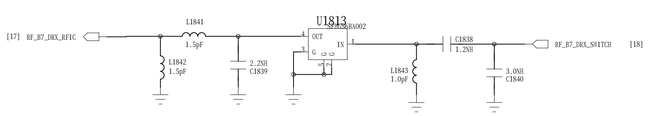

U1807
[17] RF_B3B41_DRX_RFIC
L1820
2.2nH
L1822
1.8NH
3.0NH
C1825
OUT
IN
L1823
0.5PF
C1823
2.4NH
L1824
1.0PF
RF_B3B41_DRX_SWITCH [18]

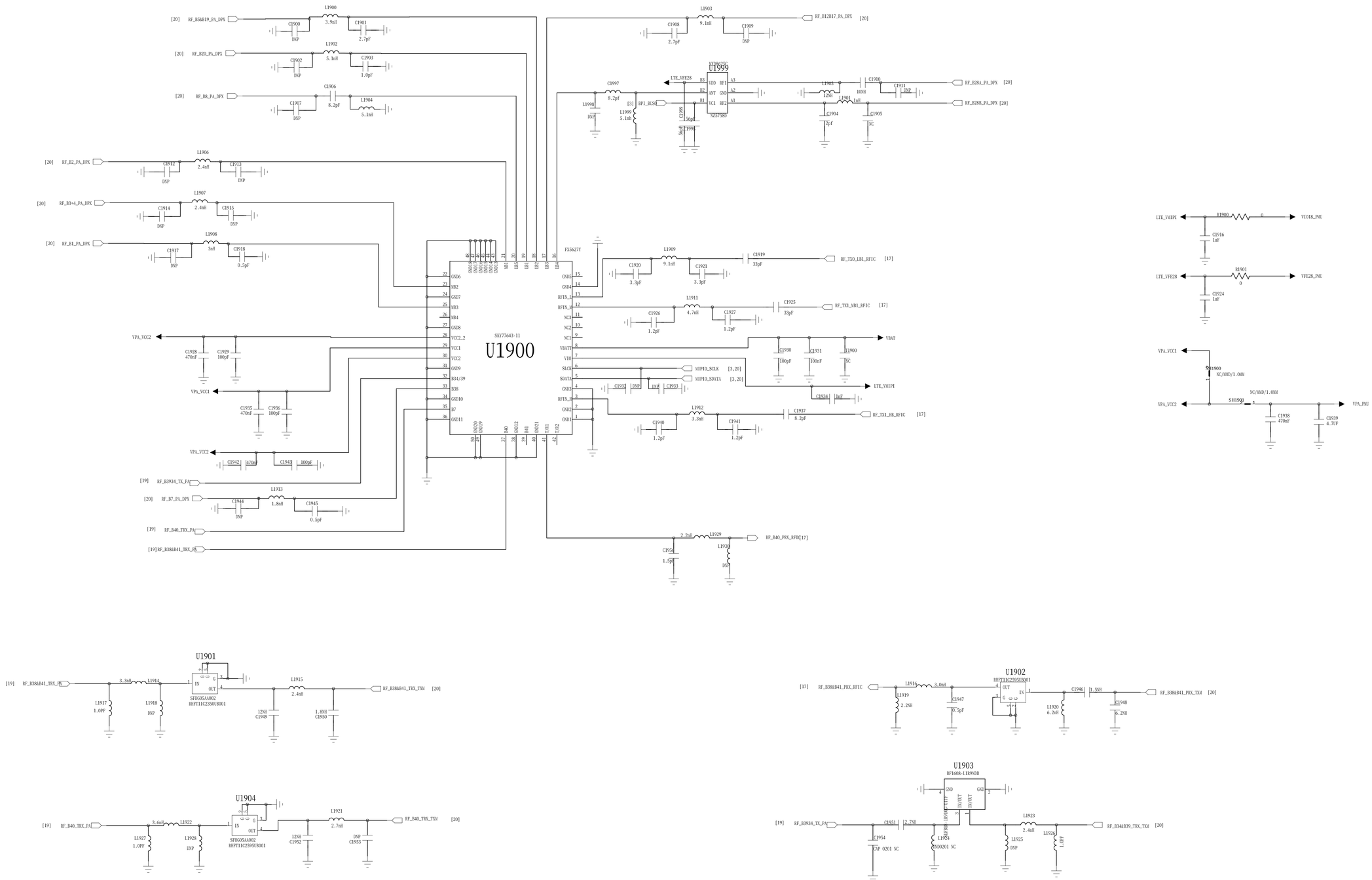

U1810
[17] RF_B3_DRX_RFIC
L1829
4.7nH
DNP
L1831
1.5pF
C1831
OUT
IN
C1828
3.3NH
L1833
DNP
L1834
DNP
RF_B3_DRX_SWITCH [18]

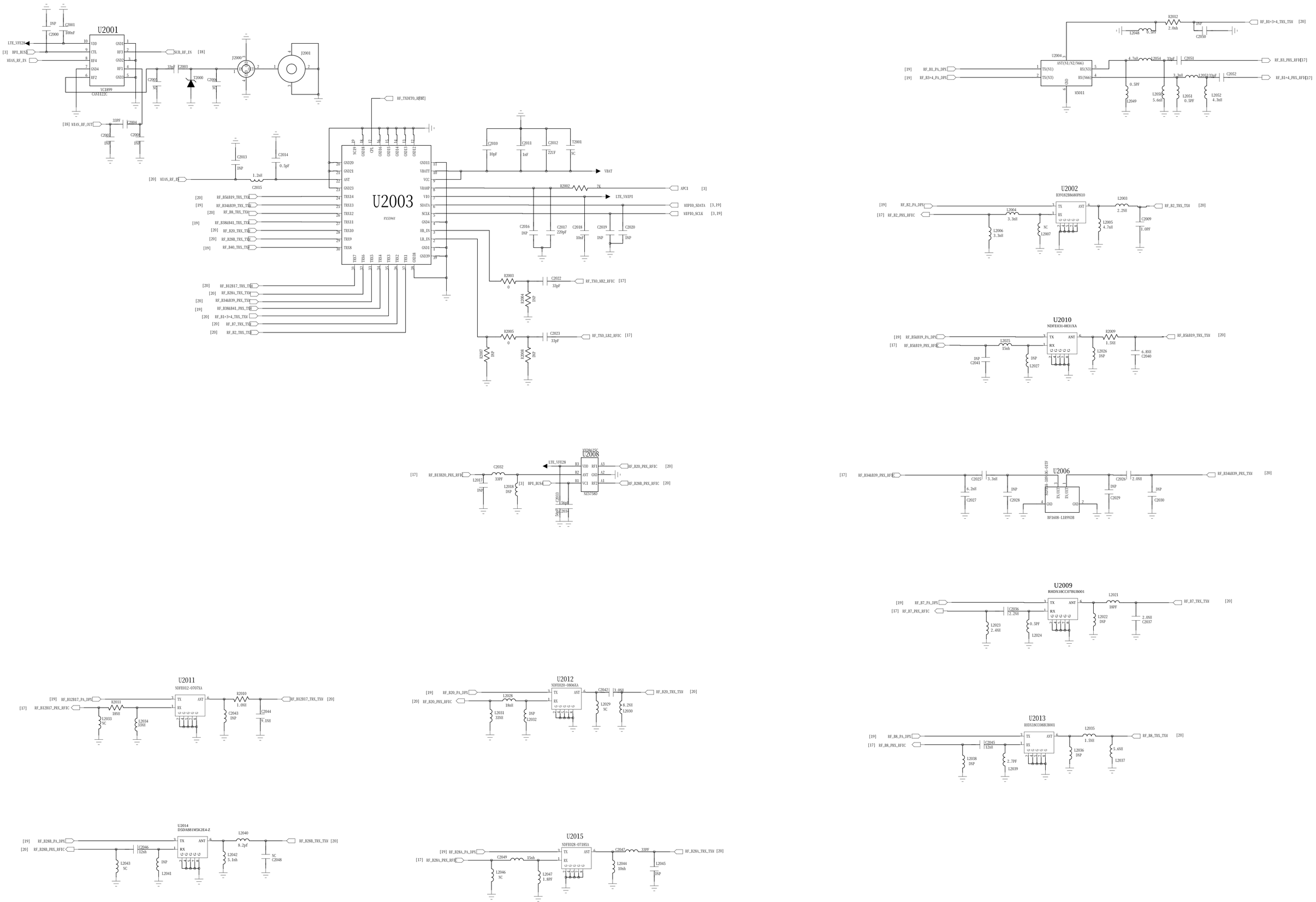

U1809
[17] RF_B20_DRX_RFIC
L1828
12nH
L1830
DNP
C1829
5.6pF
OUT
IN
C1827
18pF
L1832
22nH
C1830
DNP
RF_B20_DRX_SWITCH [18]

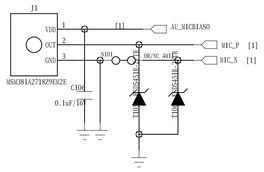

U1811
[17] RF_B5_DRX_RFIC
L1835
8.2nH
L1837
12NH
15NH
C1834
OUT
IN
C1832
5.6pF
L1838
12NH
DNP
C1835
RF_B5B18B19B26_DRX_SW[16]

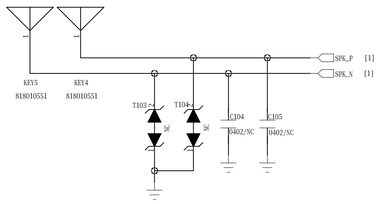

U1812
[17]RF_B28_DRX_RFIC
L1839
DNP
12nh
L1836
3.3PF
C1836
OUT
IN
L1840
NC
C1833
8.2NH
DNP
C1837
RF_B28AB_DRX_SWITCH [18]

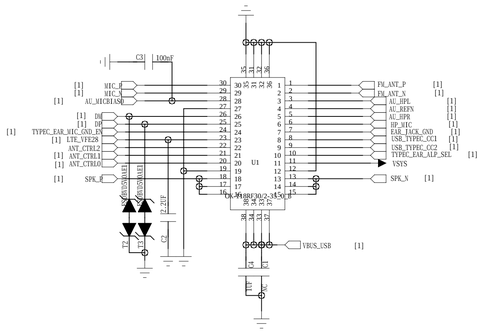

U1813
[17] RF_B7_DRX_RFIC
L1841
1.5pF
L1842
1.5pF
2.2NH
C1839
OUT
IN
C1838
1.2NH
L1843
1.0pF
3.0NH
C1840
RF_B7_DRX_SWITCH [18]

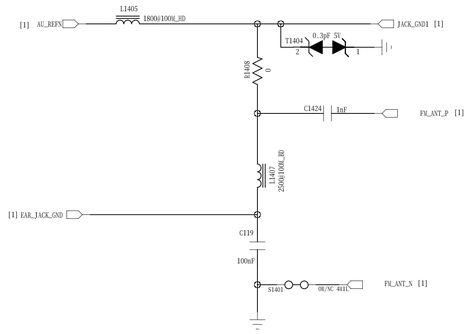

U1900
SKY77643-11
U1901
U1902
U1903
U1904
U1999
LTE_VFE28
RF1_BUS2
RF_B5&B19_PA_DPX
RF_B20_PA_DPX
RF_B8_PA_DPX
RF_B2_PA_DPX
RF_B3+4_PA_DPX
RF_B1_PA_DPX
RF_B12B17_PA_DPX
RF_B28A_PA_DPX
RF_B28B_PA_DPX
RF_TX0_LB1_RFIC
RF_TX1_WB1_RFIC
RF_TX1_HB_RFIC
RF_B40_PRX_RFIC
VBAT
LTE_VHIPI
MIPI0_SCLK
MIPI0_SDATA
VPA_VCC2
VPA_VCC1
RF_B3934_TX_PA
RF_B7_PA_DPX
RF_B40_TRX_PA
RF_B38&B41_TRX_PA
RF_B38&B41_PRX_RFIC
RF_B38&B41_TRX_TXM
RF_B40_TRX_TXM
RF_B38&B41_PRX_TXM
RF_B34&B39_TRX_TXM
LTE_VHIPI
VI018_PMU
LTE_VFE28
VFE28_PMU
VPA_VCC1
VPA_VCC2
VPA_PMU
SH19901
NC/0HD/1.00M

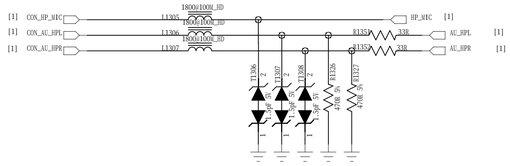

U2001
UC1899
CAS1122C
LTE_VFE28
[3] BP1_BS5
[20] W1AN_RF_IN
[18] W1AN_RF_OUT
[20] W1AN_RF_IN
SUB_RF_IN [18]
J2000
J2001
U2003
FXS5961
RF_TXDET0_RF[12]
VBAT
APC1 [3]
LTE_VW1P1
W1P10_SDATA [3,19]
W1P10_SCLK [3,19]
RF_B5&B19_TRX_TXH
RF_B34&B39_TRX_TXH
RF_B8_TRX_TXH
RF_B38&B41_TRX_TXH
RF_B20_TRX_TXH
RF_B28B_TRX_TXH
RF_B40_TRX_TXH
RF_B12B17_TRX_TXH
RF_B28A_TRX_TXH
RF_B34&B39_PRX_TXH
RF_B38&B41_PRX_TXH
RF_B1+3+4_TRX_TXH
RF_B7_TRX_TXH
RF_B2_TRX_TXH
RF_TX0_UB2_RFIC [17]
RF_TX0_LB2_RFIC [17]
U2002
B39182B8680P810
RF_B2_PA_DPX
RF_B2_PRX_RFIC
RF_B2_TRX_TXH
U2010
NDFE0031-0831XA
RF_B5&B19_PA_DPX
RF_B5&B19_PRX_RFIC
RF_B5&B19_TRX_TXH
U2008
RF_B13B20_PRX_RFIC
RF_B28_PRX_RFIC
RF_B28B_PRX_RFIC
U2006
RF_B34&B39_PRX_RFIC
RF_B34&B39_PRX_TXH
U2009
RHEDX10CC07BUB001
RF_B7_PA_DPX
RF_B7_PRX_RFIC
RF_B7_TRX_TXH
U2011
NDFE012-0707XA
RF_B12B17_PA_DPX
RF_B12B17_PRX_RFIC
RF_B12B17_TRX_TXH
U2012
NDFE020-0806XA
RF_B20_PA_DPX
RF_B20_PRX_RFIC
RF_B20_TRX_TXH
U2013
RHEDX18CC08BUB001
RF_B8_PA_DPX
RF_B8_PRX_RFIC
RF_B8_TRX_TXH
U2014
D5DA881M5K2E4-Z
RF_B28B_PA_DPX
RF_B28B_PRX_RFIC
RF_B28B_TRX_TXH
U2015
NDFE028-0718XA
RF_B28A_PA_DPX
RF_B28A_PRX_RFIC
RF_B28A_TRX_TXH
RF_B1+3+4_TRX_TXH
RF_B3_PRX_RFIC
RF_B1+4_PRX_RFIC
U2004
ANT(N1/N2/N66)
RX(N3)
RX(N66)
TX(N1)
TX(N3)
N5011
RF_B1_PA_DPX
RF_B3+4_PA_DPX

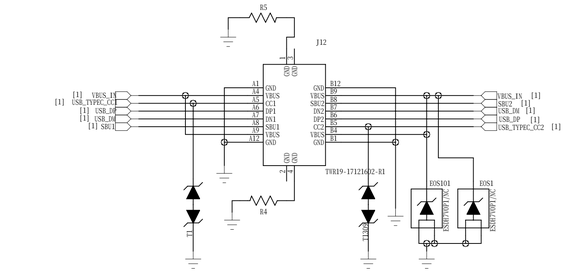

J1
VDD
OUT
GND
ESC381A2718290EZE
C106
0.1uF/10
S103
0R/NC 4015
AU_MICBIAS0
MIC_P [1]
MIC_N [1]
T101
T102

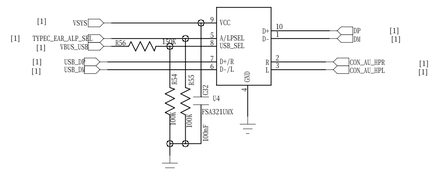

KEY5
818010551
KEY4
818010551
T103
T104
C104
C105
0402/NC
0402/NC
SPK_P [1]
SPK_N [1]

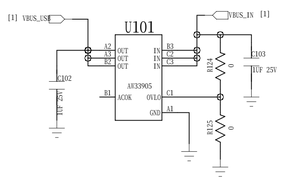

C31
100nF
MIC_P
MIC_N
AU_MICBIAS0
DP
DM
TYPEC_EAR_MIC_GND_EN
LTE_VFE28
ANT_CTRL2
ANT_CTRL1
ANT_CTRL0
SPK_P
U1
MBF30-2-34SC-8
FM_ANT_P
FM_ANT_N
AU_HPL
AU_HPRN
AU_HPR
HP_MIC
EAR_JACK_GND
USB_TYPEC_CC1
USB_TYPEC_CC2
TYPEC_EAR_ALP_SEL
VSYS
SPK_N
VBUS_USB
D7
D8
C2
C4
C3
T102

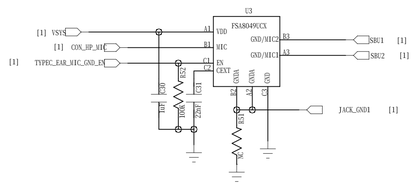

AU_HEFN
L1405
1800@100M_HD
JACK_GND1
T1404
0.3pF 5V
R1408
0
C1424
1nF
FM_ANT_P
L1407
2500@100M_HD
EAR_JACK_GND
C119
100nF
S1401
0R/NC 4015
FM_ANT_N

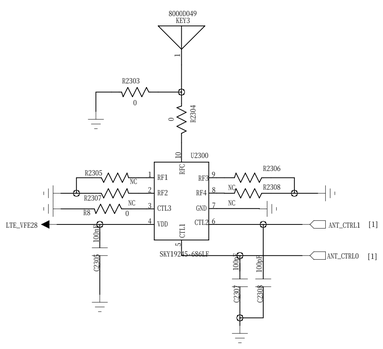

CON_HP_MIC
CON_AU_HPL
CON_AU_HPR
L1305
L1306
L1307
1800@100M_HD
HP_MIC
AU_HPL
AU_HPR
R1325
R1326
R1327
33R
33R
47R 5%
47R 5%

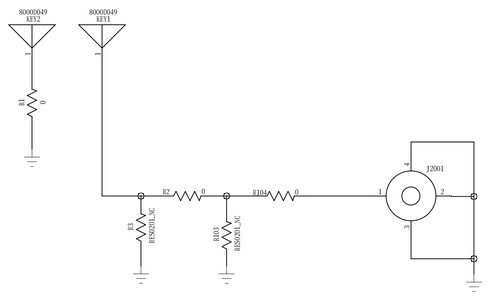

R5
J12
VBUS_IN
USB_TYPEC_CC1
USB_DM
USB_DP
SBU1
VBUS_IN
SBU2
USB_DM
USB_DP
USB_TYPEC_CC2
TYR19-17121602-R1
R4
T1
T1101
EOS101
EOS1
ESD5V0V1-1NC

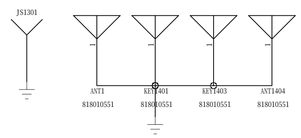

VSYS
TYPEC_EAR_ALP_SEL
VBUS_USB
USB_DM
USB_DM
VCC
A/LPSEL
USB_SEL
D+/E
D-/L
GND
U4
FSA3212UCX
R2
0
R104
0
R3
RES001_NC
R103
RES001_NC
DP
DM
CON_AU_HPR
CON_AU_HPL


VBUS_ISE
U101
AW33905
ACOK
OVLO
VBUS_IN
R124
0
R125
0
C103
1UF 25V
C102
1UF 25V


U3
FSA8049UCX
VSYS
COX_HP_MH
TYPEC_EAR_MIC_GND_EN
VDD
MIC
EN
CEXT
GND/MIC2
GND/MIC1
SBU1
SBU2
JACK_GND1
R1
0
R2
0
R3
0
R4
0
C30
1UF
C31
1UF
C32
100R
C33
2200F
C34
C35
C36


80000049
KEY3
R2303
0
R2304
0
U2300
SKY19245-686LF
R2305
NC
R2307
NC
R8
0
R2306
NC
R2308
NC
LTE_VFE28
ANT_CTRL1 [1]
ANT_CTRL0 [1]
C2301
C2302
C2303
C2304


80000049
KEY2
80000049
KEY1
R1
0
R2
0
R104
0
J2001
R2
RES001_NC
R103
RES001_NC


JS1301
ANT1
818010551
KEY1401
818010551
KEY1403
818010551
ANT1404
818010551