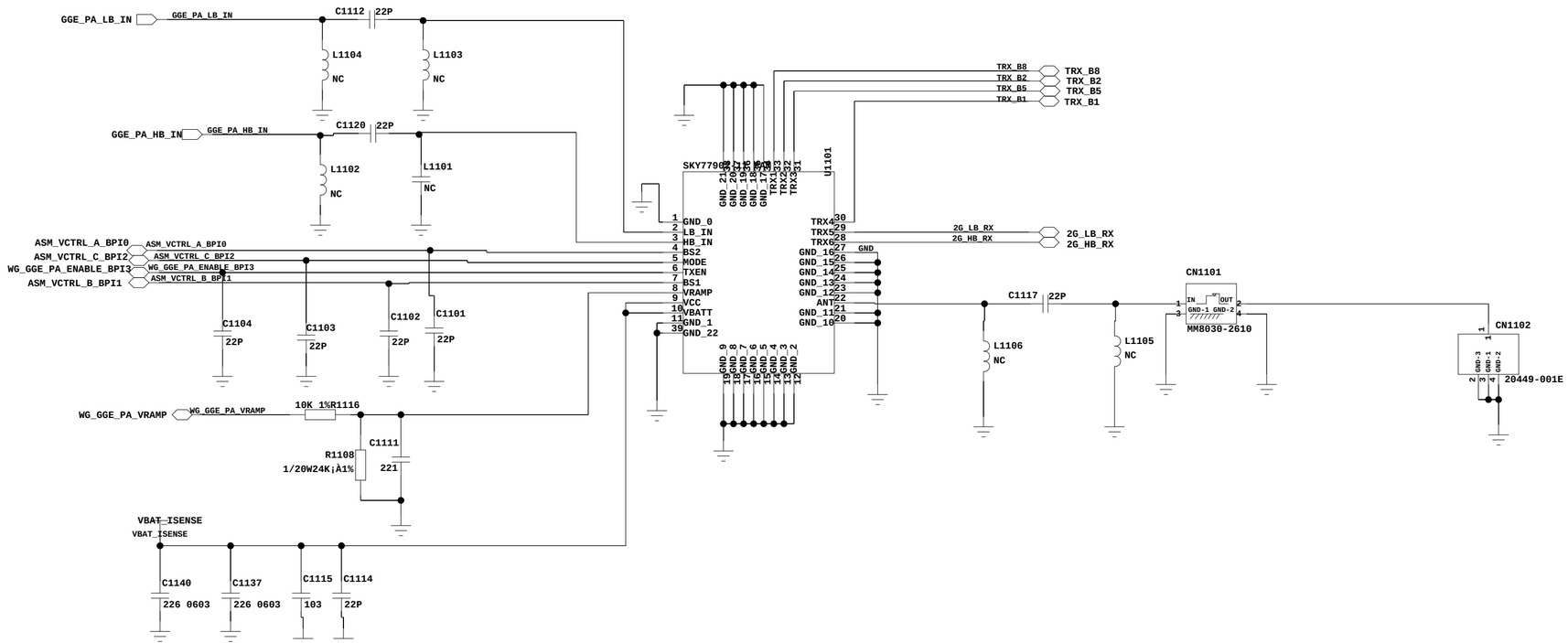
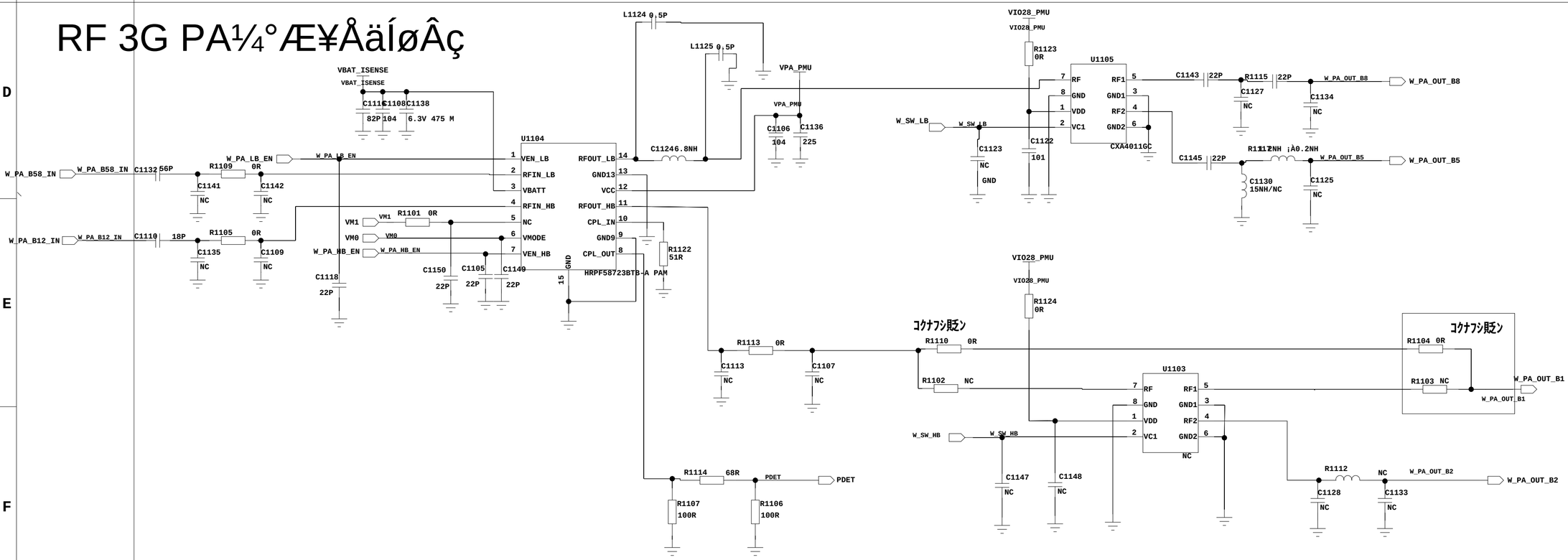
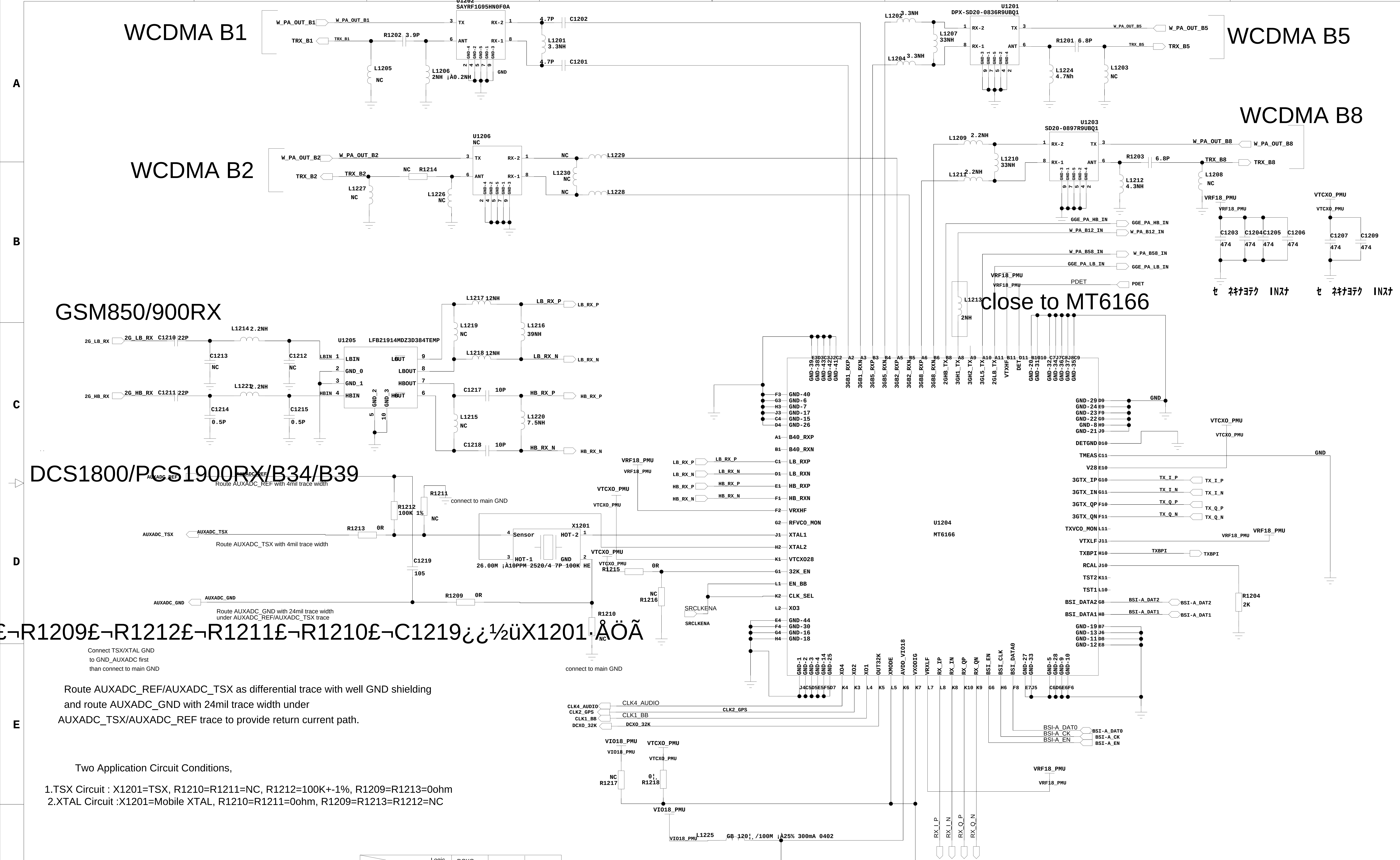
RF 2G PA¼°Æ¥ÅäÍøÂç







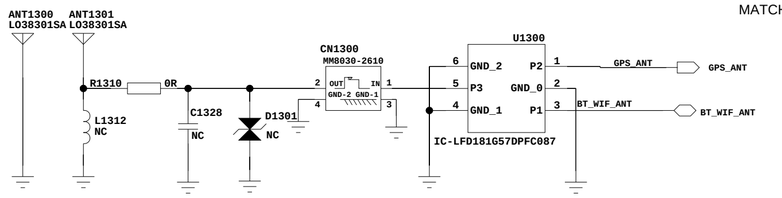
Route AUXADC_REF/AUXADC_TSX as differential trace with well GND shielding and route AUXADC_GND with 24mil trace width under AUXADC_TSX/AUXADC_REF trace to provide return current path.

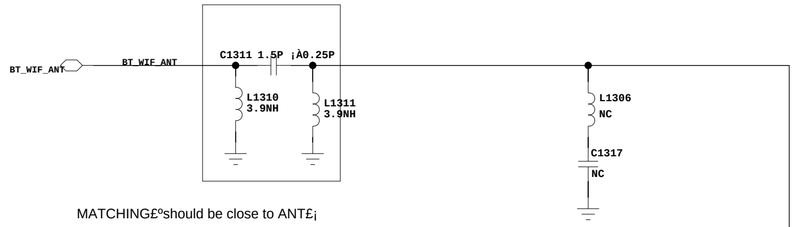
Two Application Circuit Conditions,

1.TSX Circuit : X1201=TSX, R1210=R1211=NC, R1212=100K+-1%, R1209=R1213=0ohm
2.XTAL Circuit :X1201=Mobile XTAL, R1210=R1211=0ohm, R1209=R1213=R1212=NC

MODE / Logic	DCXO 32K_EN	XMODE	VXODIG
VTCXO	0(GND)	0(GND)	1(VIO18)
DCXO + 32K XO	0(GND)	1(VIO18)	1(VIO18)
DCXO + 32K-Less	1(VTCXO28)	1(VTCXO28)	1(VTCXO28)

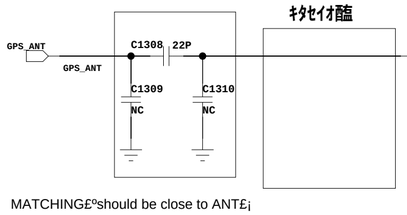
WIFI/Bluetooth

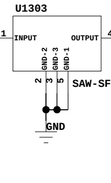


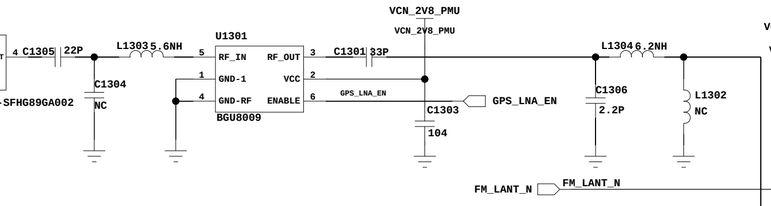


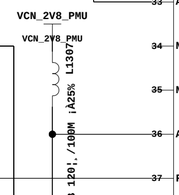
MATCHING£ºshould be close to ANT£¡

GPS

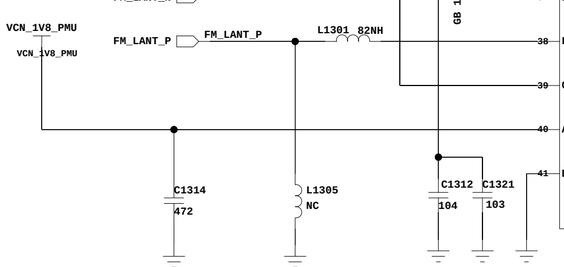


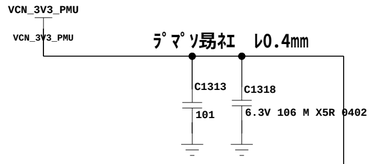


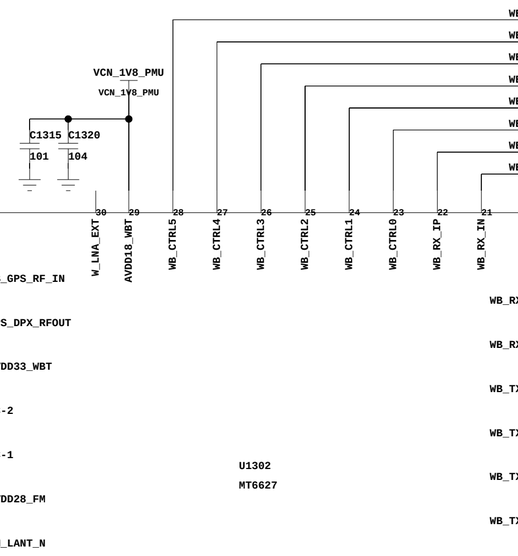


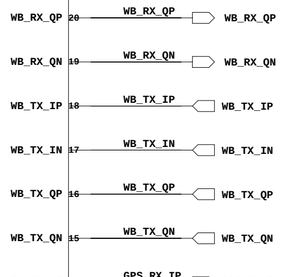


MATCHING£ºshould be close to ANT£¡



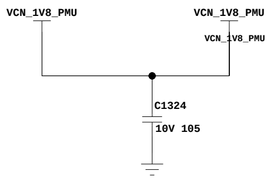




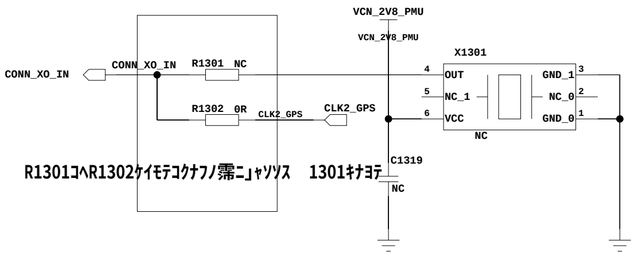


U1302
MT6627

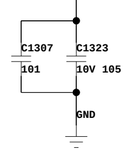
GPS,WB_TX,WB_RXﾈ ﾗ嫺Qﾒｪﾉﾏﾏﾂﾗ ﾒ
- ﾘ,ｵﾈｳ､,ｵﾘﾓ Qﾏﾟｼ荳 ｪ2ｱｶﾏﾟｿ

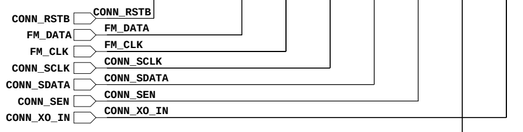


PMUｳ ｴｺ ﾈｾｭｹ ｴﾋｵ酋ﾝﾔﾙﾐﾇﾐﾎﾗﾟﾏﾟ



R1301ｺﾍR1302ｹｲﾓﾃｺｸﾅﾌﾉ霈ﾆ」ｬｿｿｽ 1301ｷﾅﾖﾃ





PM6323

U1401
MT6323

VPH_PWR
C1416 225
P1 VBAT_SPK
L2 GND_SPK
VMIC
C1430 10V 105
EARBIAS F2 AU_MICBIAS0
G2 AU_MICBIAS1
M_MIC_P E4 AU_VIN0_P
M_MIC_N F4 AU_VIN0_N
HP_MIC_P G3 AU_VIN1_P
HP_MIC_N G4 AU_VIN1_N
VA_PMU
C1417 10V 105
D2 AU_VIN2_P
D1 AU_VIN2_N
J2 AVDD28_ABB
D3 AVDD28_AUXADC
H2 GND_ABB
VBAT_RST→BATSNSｴﾗｰ 稼働ﾌﾗｸﾞ錄3
ACCDET E2 ACCDET
CLK4_AUDIO E1 CLK26M
C1441 10V 105
VBAT_ISENSE
C1442 10V 105
P13 BATSNS
P12 ISENSE
BAT_TEMP R1402 1K
K3 BATON
A12 VCDT
M13 VDRV
VCHR_LDO N13 CHRLDO
PWRKEY M2 PWRKEY
WATCHDOG A1 SYSRSTB
RESETB K4 RESETB
EINT_PMIC A9 FSOURCE
A7 INT
N12 EXT_PMIC_EN
TP1403 TP-0.5
N2 PMU_TESTMODE
AUD_MOSI E7 AUD_MOSI
AUD_CLK E8 AUD_CLK
AUD_MISO B6 AUD_MISO
SRCLKENA A2 SRCLKEN
M1 FCHR_ENB
PMIC_SPI_SCK D9 SPI_CLK
PMIC_SPI_CS B7 SPI_CSN
PMIC_SPI_MOSI D8 SPI_MOSI
PMIC_SPI_MISO B8 SPI_MISO

VPH_PWR
80mil
30mil
15mil (VPA)
15mil
20mil
20mil
20mil
F13 VBAT_VPROC-2
F14 VBAT_VPROC-3
G13 VBAT_VPROC-1
A13 VBAT_VPA
H13 VBAT_VSYS
P8 VBAT_LDOS3-2
P6 VBAT_LDOS3-1
P5 VBAT_LDOS2
P2 VBAT_LDOS1
C1432 10V 106 M
VSYS_PMU
J14 AVDD22_BUCK-2
M14 AVDD22_BUCK-1
VIO18_PMU
DVDD18_DIG_PMIC
A8 DVDD18_DIG
A5 DVDD18_IO
AUXADC_REF C2 AUXADC_VREF18
AUXADC_TSX B1 AUXADC_AUXIN_GPS
B2 AVSS28_AUXADC
C1488 105 C1415 104 NC1403
AUXADC_GND
NC-0R
CHD_DM A10 CHG_DM
CHD_DP A11 CHG_DP
C1433 226 0603
C1434 226 0603
C1450 6.3V 106 M X5R 0402
C1418 10V 105
C1435 10V 106 M
C1436 10V 106 M
C1419 10V 105
C1420 10V 105
SCLK1 B5 SIM1_AP_SCLK
SDATA1 M11 SIMLS1_AP_SIO
SRST1 E6 SIM1_AP_SRST
SCLK2 C5 SIM2_AP_SCLK
SDATA2 K11 SIMLS2_AP_SIO
SRST2 D6 SIM2_AP_SRST
SIM1_CLK M9 SIMLS1_SCLK
SIM1_DATA N11 SIMLS1_SIO
SIM1_RST M10 SIMLS1_SRST
SIM2_CLK K9 SIMLS2_SCLK
SIM2_DATA L11 SIMLS2_SIO
SIM2_RST K10 SIMLS2_SRST
GND
GND

DC-DC Bypass GND to PMIC DC-DC GND
first and connect to system GND

Connect TSX/XTAL GND
to AUXADC_GND first
than connect to main GND

¿¿½üPMICÊä³ö½Å

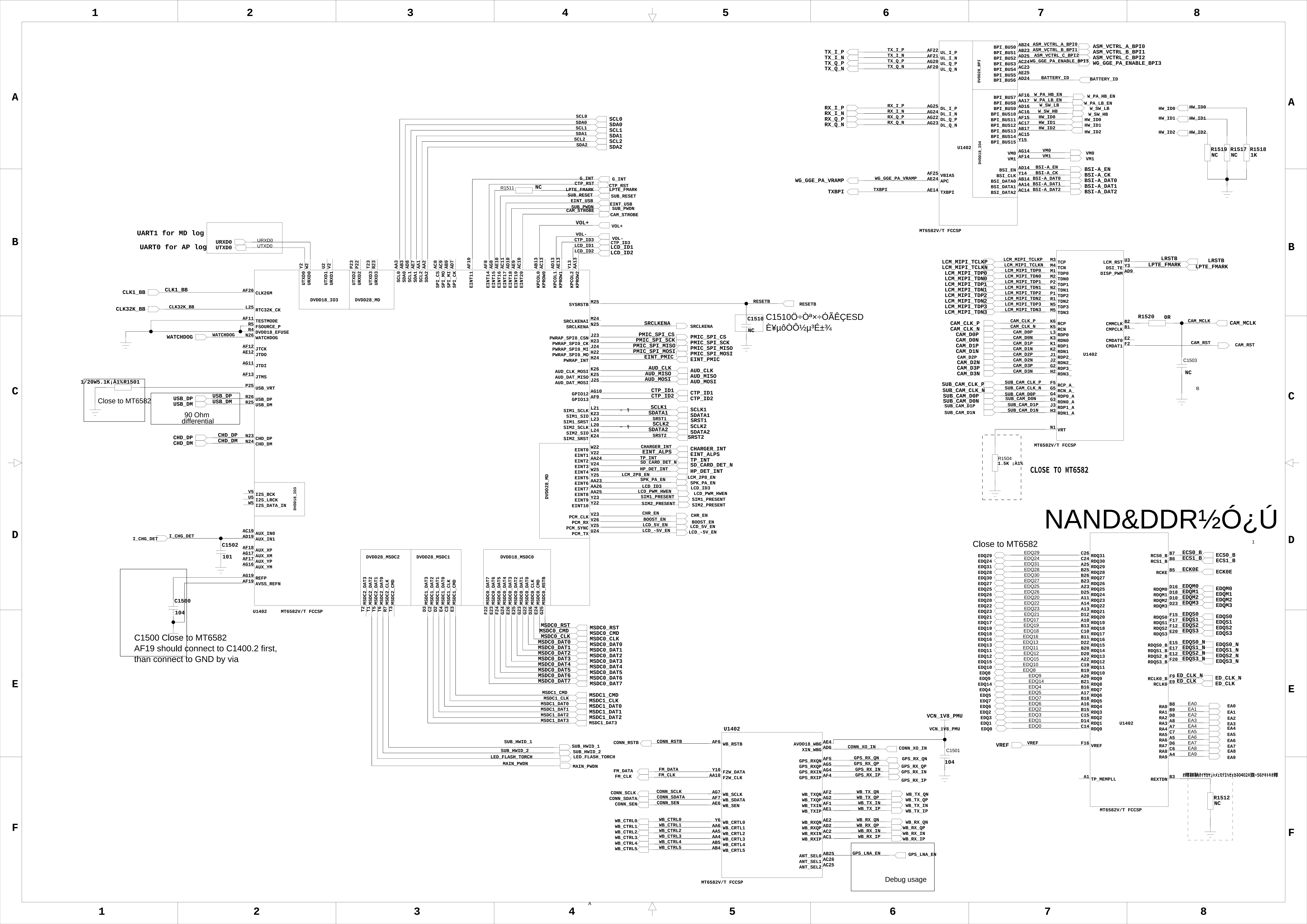
VCN_3V3_PMU
C1414 224
C1431 6.3V 106 M X5R 0402
SPK_P K1
SPK_N L1
AU_HSP H1
AU_HSN G1
HSP
HSN
AU_HPL H4
AU_HPR J4
HPLP
HPRP
R1411 1K HPRDP
R1412 1K HPRDN
ISINK0 E9
ISINK1 C9
ISINK2 E10
ISINK3 C10

VPROC_PMU
VPROC-1 C14
VPROC-3 D14
VPROC-2 E14
L1401 0.68UH ¡À20%
differential 4mil with good shielding, from the BB to PMIC
VPROC_FB B12
GND_VPROC_FB C12
VPA_PMU
VPA-1 A14
VPA-2 B14
PCSB20161T
L1403
C1448 225
VPA_FB D12
VSYS_PMU
L1402 0.68UH ¡À20% 3.2A(2.7A)
VSYS H14
VA_PMU
C1489 105
VCN_2V8_PMU
VA M3
VCTCXO_PMU
VCN28 N3
VTCXO L4
VCAMA
VCN_3V3_PMU
VRTC_PMU
VCAMA P3
VCN33 M6
AVDD33_RTC C3
C1421
C1401 10V 105
C1403 6.3V 106 M X5R 0402
DVDD12_EMI_DDR2
VRF18_PMU
VM J13
VRF18 H11
VIO18 L12
VIO28 M4
VCN18 J12
VCAMD K14
VCAM_IO L13
VIO28_PMU
VCN_1V8_PMU
VCAMD_1V8
VCAMIO_1V8
VEMC_3V3_PMU
VMC_PMU
VMCH_PMU
VUSB_PMU
VSIM1_PMU
VSIM2_PMU
VGP1_2V8_PMU
VIBR_PMU
VGP2_1V8_PMU
VGP3_1V2_PMU
VCAM_AF
VEMC_3V3 P7
VMC L6
VMCH P4
VUSB N6
VSIM1 P9
VSIM2 N9
VGP1 L8
VIBR M7
VGP2 N8
VGP3 L14
VCAM_AF N7
VREF P14
C1402 104
GND_VREF N14
GND_VREF(N14) must return to cap then to main GND
RTC_32K1V8 D5
RTC_32K2V8 C4
XIN A3
XOUT A4
CLK32K_BB
X1401
C1412 NC
R1401 0R
Close to chip
R1413 0R
DCXO_32K
GND_ISINK B10
GND_VSYS G11
GND_VPA E13
GND_VPROC-1 E11
GND_VPROC-2 F11
GND_VPROC-3 F10
GND_LDO-11 K6
GND_LDO-16 K8
GND_LDO-23 F5
GND_LDO-13 F6
GND_LDO-4 F7
GND_LDO-5 F8
GND_LDO-15 F9
GND_LDO-9 G5
GND_LDO-3 G6
GND_LDO-6 GND_LDO-21 GND_LDO-20 GND_LDO-19 GND_LDO-18 GND_LDO-12 GND_LDO-14 GND_LDO-7 GND_LDO-22 GND_LDO-17 GND_LDO-8 GND_LDO-10 GND_LDO-1 GND_LDO-2
J10 J11 J8 J7 J6 J9 H9 H8 H7 H6 H5 G9 G8 G7

RTC 32K : X1401+C1412+R1401=> mount, R1413=> NC
32K-less: X1401+C1412=> remove, R1413+R1401=> 0R

T13 T16 T17 T18 T21 H11 U11 U12 V11 V12 V13
DVSS-73 DVSS-74 DVSS-75 DVSS-76 DVSS-77 DVSS-78 DVSS-79 DVSS-80 DVSS-81 DVSS-82 DVSS-83
T11 DVSS-60
R11 DVSS-59
R2 DVSS-58
G6 DVSS-25
G7 DVSS-26
G14 DVSS-27
G17 DVSS-28
G20 DVSS-29
H10 DVSS-30
M20 DVSS-37
N11 DVSS-38
A19 DVSS-72
A26 DVSS-71
B4 DVSS-70
B10 DVSS-69
E21 DVSS-55
F6 DVSS-54
B12 DVSS-64
B14 DVSS-63
B17 DVSS-62
B22 DVSS-61
B24 DVSS-52
C4 DVSS-11
C8 DVSS-24
C11 DVSS-7
C12 DVSS-6
C16 DVSS-4
C17 DVSS-3
C18 DVSS-2
C20 DVSS-1
C21 DVSS-5
C22 DVSS-19
C23 DVSS-23
C25 DVSS-53
D4 DVSS-8
D5 DVSS-9
D7 DVSS-15
D9 DVSS-16
D11 DVSS-17
D13 DVSS-18
D15 DVSS-49
D17 DVSS-67
D21 DVSS-12
D24 DVSS-13
E5 DVSS-14
E8 DVSS-68
E10 DVSS-66
E18 DVSS-65
F18 DVSS-20
P21 DVSS-50
L10 DVSS-31
AE5 AVSS18_WBG-7
V7 AVSS18_WBG-5
U7 AVSS18_WBG-6
W7 AVSS18_WBG-14
Y7 AVSS18_WBG-13
AB6 AVSS18_WBG-12
AB8 AVSS18_WBG-11
AC3 AVSS18_WBG-10
AC5 AVSS18_WBG-1
AC7 AVSS18_WBG-2
AD4 AVSS18_WBG-3
AE3 AVSS18_WBG-4
W20 AVSS18_MD-5
U20 AVSS18_MD-1
V20 AVSS18_MD-12
V21 AVSS18_MD-13
U21 AVSS18_MD-11
W21 AVSS18_MD-6
Y20 AVSS18_MD-7
Y21 AVSS18_MD-8
AA21 AVSS18_MD-9
AB21 AVSS18_MD-10
U17 AVSS18_AP-1
U18 AVSS18_AP-2
A2 AVSS18_MEMPLL
R24 AVSS33_USB
AE21 AVDD18_MD
AE19 AVDD18_AP
AE22 AVDD28_DAC
AE18 DVDD18_PLLGP
A3 AVDD18_MEMPLL
AC21 AVSS18_MD-4
AD22 AVSS18_MD-3
AG26 AVSS18_MD-2
V17 AVSS18_AP-3
V18 AVSS18_AP-5
AA18 AVSS18_AP-4
AB19 AVSS18_AP-6
AF3 AVSS18_WBG-8
AG1 AVSS18_WBG-9
U1402
T12 DVSS-22 K16 DVSS-50 K21 DVSS-51 K17 DVSS-48 J21 DVSS-47 H20 DVSS-46 H17 DVSS-45 H14 DVSS-21 H13 DVSS-10 V14 DVSS-84
MT6582V/T FCCSP

DVDD12_EMI_DDR2
DVDD12_EMI-3 H18
DVDD12_EMI-4 H16
DVDD12_EMI-5 H15
DVDD12_EMI-14 G9
DVDD12_EMI-13 G11
DVDD12_EMI-12 G13
DVDD12_EMI-11 G15
DVDD12_EMI-10 G16
DVDD12_EMI-9 G18
DVDD12_EMI-8 H8
DVDD12_EMI-15 E7
DVDD12_EMI-16 F8
DVDD12_EMI-1 G8
DVDD12_EMI-2 H11
DVDD12_EMI-7 H13
DVDD12_EMI-6
C1451 104 C1452 104 C1453 104 C1454 104 C1455 6.3V 475 M
Bottom cap/1st cap group
check MSDC1/2
IO power
C1513 close to pin E1 (150mil)
C1507 close to pin G26 (150mil)
VMC_PMU
VIO18_PMU
VIO28_PMU
VIO18_PMU
VIO18_PMU
VIO18_PMU
DVDD28_MSDC1 E1
DVDD28_MSDC2 V1
DVDD28_BPI AD26
DVDD28_MD U25
DVDD18_MSDC0 G26
DVDD18_IO0 L26
DVDD18_IO1 Y26
DVDD18_IO2 D1
DVDD18_IO3 W1
DVDD18_IO4 AG13
C1456 104 C1457 105 C1458 104 C1459 104 C1460 104 C1461 104 C1462 104 C1463 104 C1464 104
VCCK_PMU
VCCK-4 R10
VCCK-2 P9
VCCK-6 L11
VCCK-7 L12
VCCK-8 L13
VCCK-9 L14
VCCK-10 L15
VCCK-11 L16
VCCK-12 L17
VCCK-13 M10
VCCK-14 N10
VCCK-15 N18
VCCK-5 P18
VCCK-1 R9
VCCK-3 R18
VCCK-19 T10
VCCK-16 U10
VCCK-17 V10
VCCK-18
C1465 104 C1466 104 C1467 104 C1468 10V 105 C1469 10V 105 C1470 10V 106 M C1471 10V 106 M
Bottom cap 1st cap group
VCCK_VPROC
VPROC_PMU
VCCK_VPROC-19 N12
VCCK_VPROC-18 N13
VCCK_VPROC-17 N14
VCCK_VPROC-16 N15
VCCK_VPROC-15 N16
VCCK_VPROC-14 N17
VCCK_VPROC-13 P14
VCCK_VPROC-12 R15
VCCK_VPROC-11 P15
VCCK_VPROC-10 R14
VCCK_VPROC-9 R13
VCCK_VPROC-8 R12
VCCK_VPROC-7 R16
VCCK_VPROC-6 R17
VCCK_VPROC-5 T14
VCCK_VPROC-4 T15
VCCK_VPROC-20 U15
VCCK_VPROC-1 U16
VCCK_VPROC-2 V15
VCCK_VPROC-3 V16
C1472 104 C1473 104 C1474 104 C1475 10V 105 C1476 10V 105 C1477 10V 106 M C1478 10V 106 M C1479 10V 106 M
Bottom cap 1st cap group
To MT6323 GND_VPROC_FB pin
NC1401 NC-0R GND_VPROC_FB
NC1402 NC-0R VPROC_FB
DVSS-36 M15
DVSS-39 N21
DVSS-40 P10
DVSS-41 P11
DVSS-42 P12
DVSS-43 P13
DVSS-44 P16
DVSS-45 P17
DVSS-32 L18
DVSS-35 M14
DVSS-34 M13
DVSS-33 M12
VIO18_PMU
DVDD18_MIPITX L2
DVDD18_MIPIIO G1
AVDD33_USB T24
AVDD18_USB P26
VUSB_PMU
C1480 104 C1481 104
C1482 104 C1483 105
For low-power testing proposal
It can be cancel for cost-down proposal
DVSS18_MIPIIO-4 H4
DVSS18_MIPIIO-3 H5
DVSS18_MIPIIO-1 J5
DVSS18_MIPIIO-2 J7
DVSS18_MIPITX-1 L4
DVSS18_MIPITX-2 M7
DVSS18_MIPITX-3 M8
DVSS18_MIPITX-4 N3



UART1 for MD log
UART0 for AP log
URXD0
UTXD0
CLK1_BB
CLK32K_BB
WATCHDOG
Close to MT6582
USB_DP
USB_DM
90 Ohm differential
CHD_DP
CHD_DM
I_CHG_DET
C1502
101
C1500
104
C1500 Close to MT6582
AF19 should connect to C1400.2 first,
than connect to GND by via
U1402
MT6582V/T FCCSP
DVDD18_IO3
DVDD28_MD
DVDD28_MSDC2
DVDD28_MSDC1
DVDD18_MSDC0
SCL0
SDA0
SCL1
SDA1
SCL2
SDA2
G_INT
CTP_RST
LPTE_FMARK
SUB_RESET
EINT_USB
SUB_PWDN
CAM_STROBE
VOL+
VOL-
CTP_ID3
LCD_ID1
LCD_ID2
RESETB
C1510
NC
SRCLKENA
PMIC_SPI_CS
PMIC_SPI_SCK
PMIC_SPI_MISO
PMIC_SPI_MOSI
EINT_PMIC
AUD_CLK
AUD_MISO
AUD_MOSI
CTP_ID1
CTP_ID2
SCLK1
SDATA1
SRST1
SCLK2
SDATA2
SRST2
CHARGER_INT
EINT_ALPS
TP_INT
SD_CARD_DET_N
HP_DET_INT
LCM_2P8_EN
SPK_PA_EN
LCD_ID3
LCD_PWM_HWEN
SIM1_PRESENT
SIM2_PRESENT
CHR_EN
BOOST_EN
LCD_5V_EN
LCD_-5V_EN
MSDC0_RST
MSDC0_CMD
MSDC0_CLK
MSDC0_DAT0
MSDC0_DAT1
MSDC0_DAT2
MSDC0_DAT3
MSDC0_DAT4
MSDC0_DAT5
MSDC0_DAT6
MSDC0_DAT7
MSDC1_CMD
MSDC1_CLK
MSDC1_DAT0
MSDC1_DAT1
MSDC1_DAT2
MSDC1_DAT3
SUB_HWID_1
SUB_HWID_2
LED_FLASH_TORCH
MAIN_PWDN
TX_I_P
TX_I_N
TX_Q_P
TX_Q_N
RX_I_P
RX_I_N
RX_Q_P
RX_Q_N
WG_GGE_PA_VRAMP
TXBPI
ASM_VCTRL_A_BPI0
ASM_VCTRL_B_BPI1
ASM_VCTRL_C_BPI2
WG_GGE_PA_ENABLE_BPI3
BATTERY_ID
W_PA_HB_EN
W_PA_LB_EN
W_SW_LB
W_SW_HB
HW_ID0
HW_ID1
HW_ID2
VM0
VM1
BSI-A_EN
BSI-A_CK
BSI-A_DAT0
BSI-A_DAT1
BSI-A_DAT2
R1519 NC
R1517 NC
R1518 1K
LRSTB
LPTE_FMARK
LCM_MIPI_TCLKP
LCM_MIPI_TCLKN
LCM_MIPI_TDP0
LCM_MIPI_TDN0
LCM_MIPI_TDP1
LCM_MIPI_TDN1
LCM_MIPI_TDP2
LCM_MIPI_TDN2
LCM_MIPI_TDP3
LCM_MIPI_TDN3
CAM_CLK_P
CAM_CLK_N
CAM_D0P
CAM_D0N
CAM_D1P
CAM_D1N
CAM_D2P
CAM_D2N
CAM_D3P
CAM_D3N
SUB_CAM_CLK_P
SUB_CAM_CLK_N
SUB_CAM_D0P
SUB_CAM_D0N
SUB_CAM_D1P
SUB_CAM_D1N
R1520 0R
CAM_MCLK
CAM_RST
C1503
NC
R1504
1.5K
CLOSE TO MT6582
NAND&DDR½Ó¿Ú
Close to MT6582
ECS0_B
ECS1_B
ECK0E
EDQM0
EDQM1
EDQM2
EDQM3
EDQS0
EDQS1
EDQS2
EDQS3
EDQS0_N
EDQS1_N
EDQS2_N
EDQS3_N
ED_CLK_N
ED_CLK
VREF
R1512 NC
CONN_RSTB
FM_DATA
FM_CLK
CONN_SCLK
CONN_SDATA
CONN_SEN
WB_CTRL0
WB_CTRL1
WB_CTRL2
WB_CTRL3
WB_CTRL4
WB_CTRL5
VCN_1V8_PMU
CONN_XO_IN
GPS_RX_QN
GPS_RX_QP
GPS_RX_IN
GPS_RX_IP
C1501
104
WB_TX_QN
WB_TX_QP
WB_TX_IN
WB_TX_IP
WB_RX_QN
WB_RX_QP
WB_RX_IN
WB_RX_IP
GPS_LNA_EN
Debug usage

ハオシハハケモテ9120087

U1602

FLASH NAND/LPDDR3

CONTROL

TP1601 TP-0.5 VIO18_PMU

R1603 NC

R1602 1/20W18¦

MSDC0_CLK MSDC0_CMD MSDC0_RST

ECS0_B ECS1_B ECK0E ED_CLK ED_CLK_N

R1604 1/20W240¦ ¡Ã1%

EDQM3 EDQM2 EDQM1 EDQM0 EDQS3 EDQS3_N EDQS2 EDQS2_N EDQS1 EDQS1_N EDQS0 EDQS0_N

EA9 EA8 EA7 EA6 EA5 EA4 EA3 EA2 EA1 EA0

TP1602 TP-0.5

MT29TZZZ8D5BKFAH-125

U1602

FLASH NAND/LPDDR3

PWR_GND

C1620 C1621 10V 105 104

DVDD12_EMI_DDR2

C1622 C1623 C1624 C1625 10V 105 10V 105 104 104

VIO18_PMU

C1626 C1629 C1630 225 104 NC

C1637 C1638 C1639 C1640 C1641 C1642 C1643 225 225 104 104 104 104 NC

MT29TZZZ8D5BKFAH-125

DVDD12_EMI_DDR2

R1612 10K 1% C1601 104

R1613 10K 1% C1602 104 C1613 10V 105

VREF

U1602

FLASH NAND/LPDDR3

PWR_GND_DNU_VSF

8GB(X8)+8GB(X32)

VREF ソソス ヤモヲケワスナーレキナ

C1651 10V 475 ¡Ã10% C1644 104

VEMC_3V3_PMU

C1645 10V 475 ¡Ã10% C1646 10¡C C1647

VIO18_PMU

C1649 225 C1650 10V 105

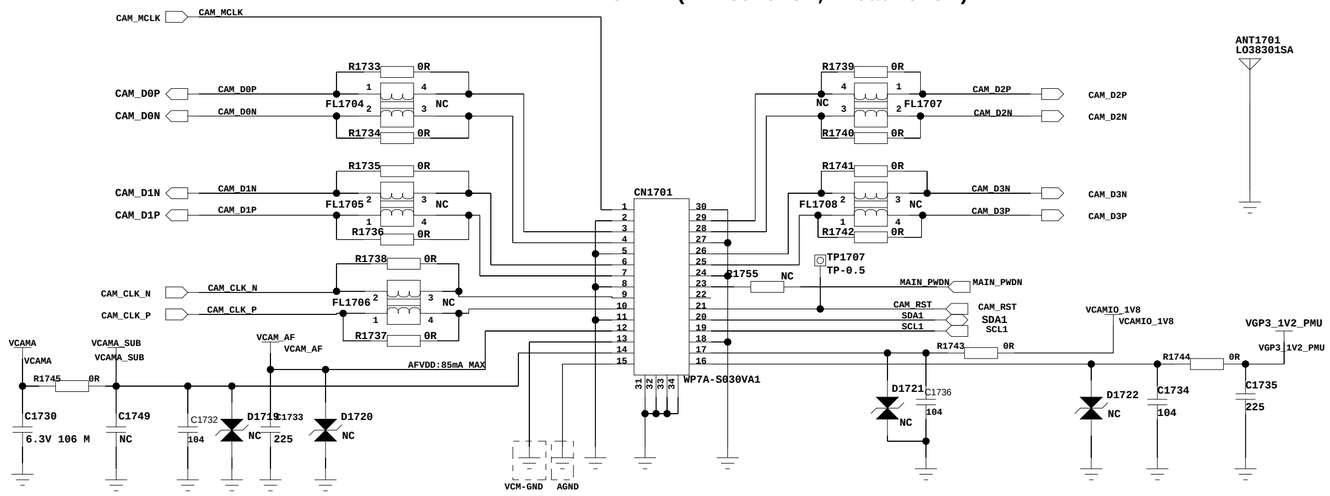
MT29TZZZ8D5BKFAH-125

R1605 1/20W240¦ ¡Ã1%

CAMERA Cam 8M

I2C Address

0x2D (Write:0x5A, Read:0x5B)



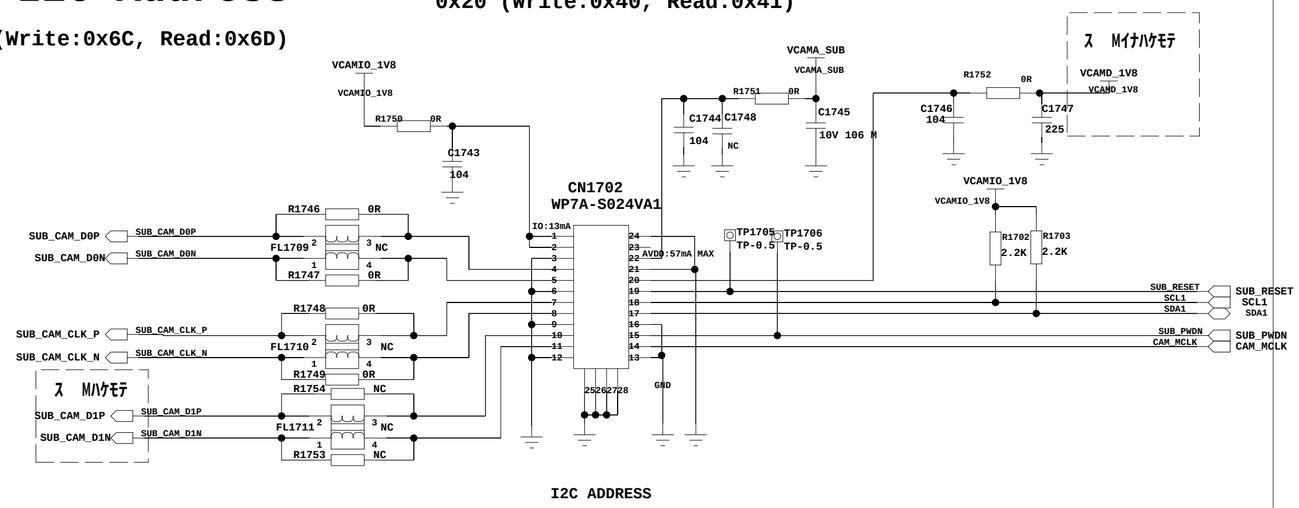
SUB Cam 2M¼æÈÝ5M

5M-I2C Address

0x36 (Write:0x6C, Read:0x6D)

2M-I2C Address

0x20 (Write:0x40, Read:0x41)



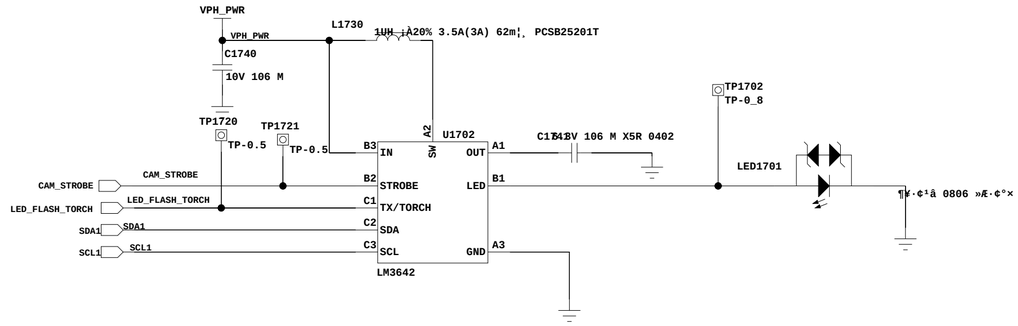
I2C ADDRESS

Flash LED Driver

I2C Address

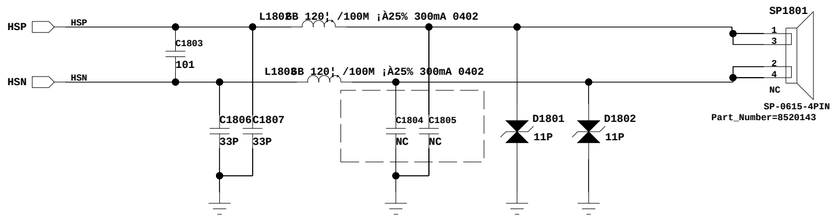
0x63 (Write:0xC6, Read:0xC7)

ﾊｵｼﾊﾊｹﾓﾃ　9170166」ｨSKY81294」ｳ

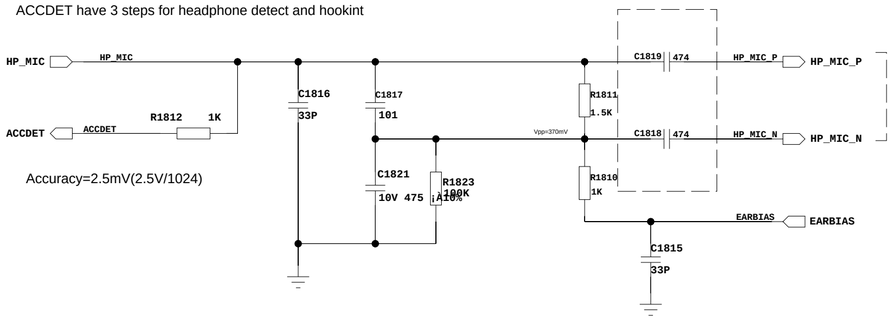


I2C 7bit address is 0x63

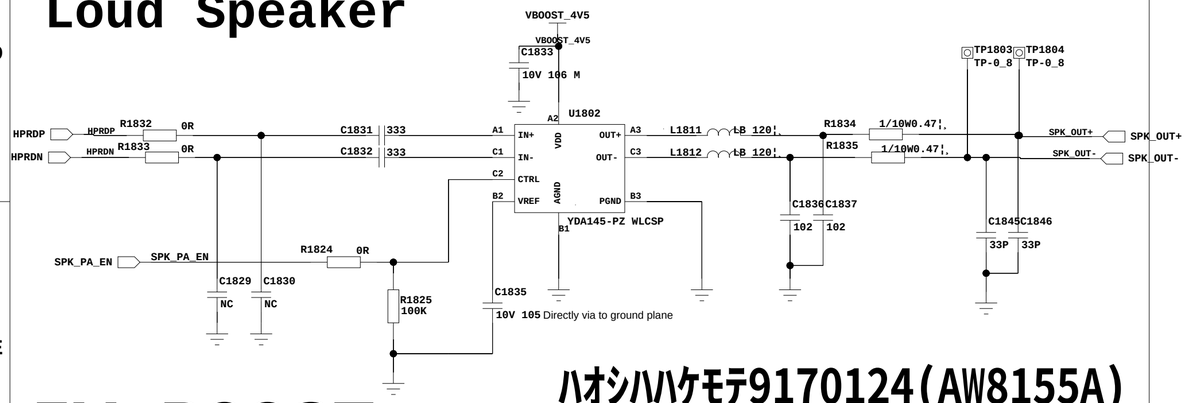
Receiver



HP MIC

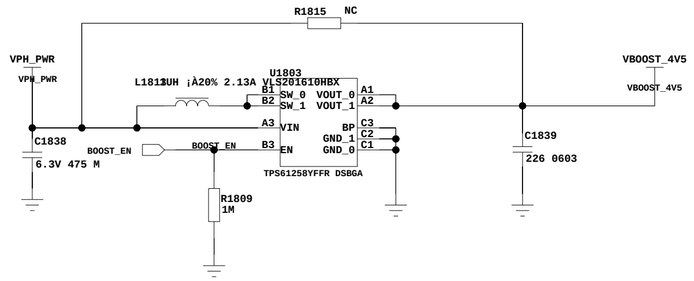


Loud Speaker



5V BOOST

ハオシハハケモテ9170124(AW8155A)



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I2C Address

0x60 (Write:0xC0, Read:0xC1)

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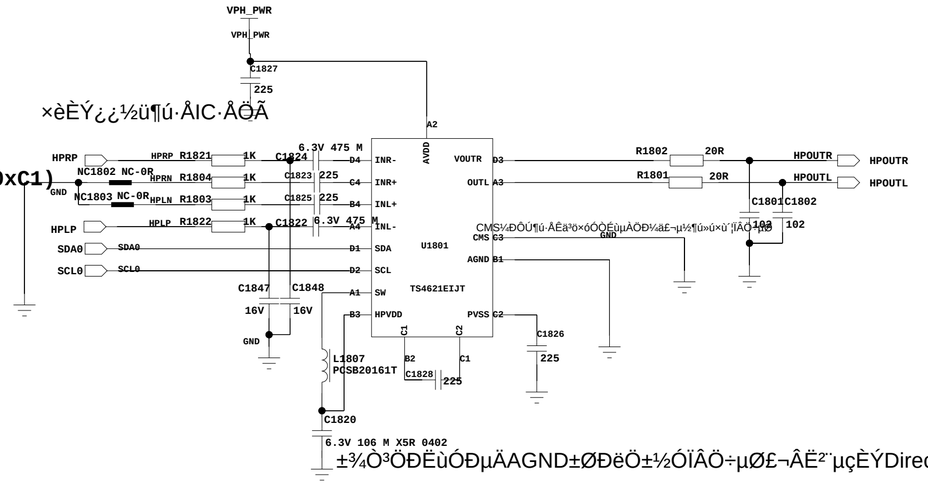

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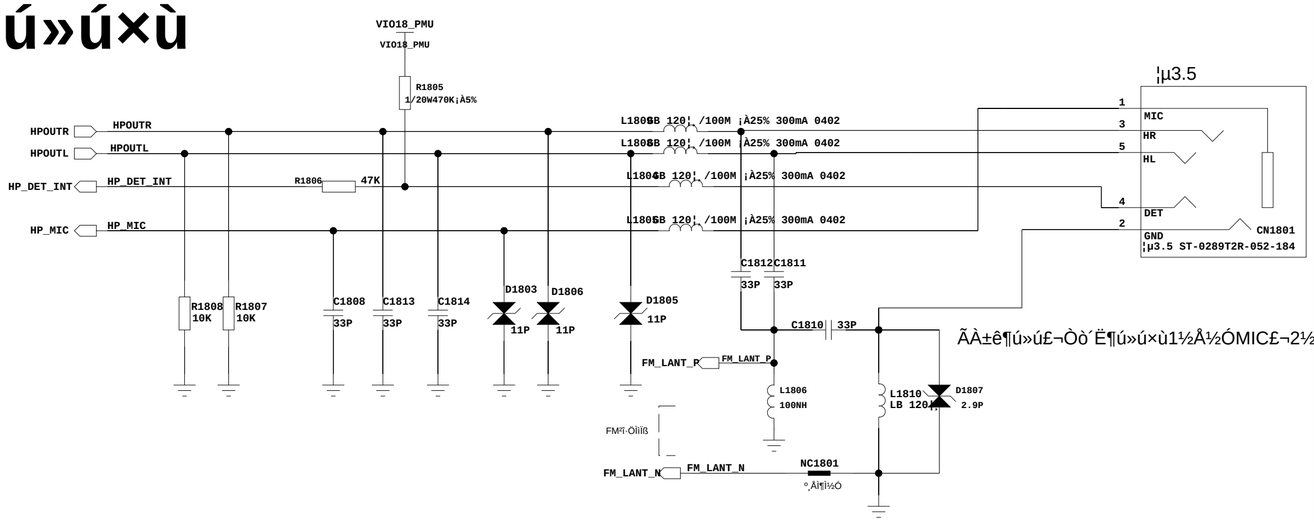
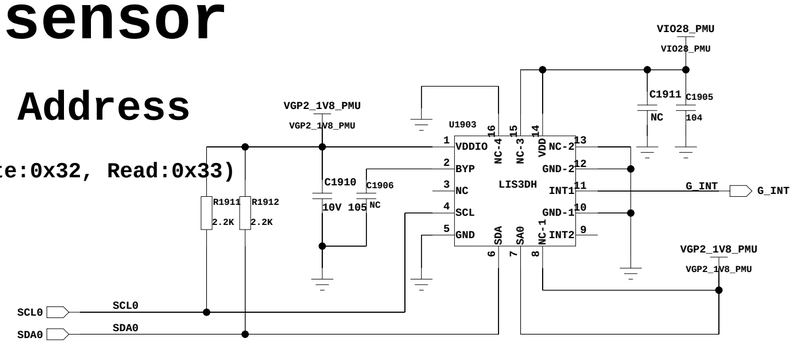


±MIC

G-sensor

I2C Address

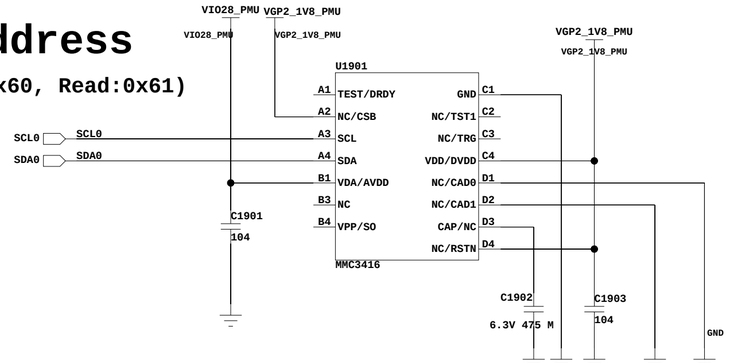
0x19 (Write:0x32, Read:0x33)



M-sensor

I2C Address

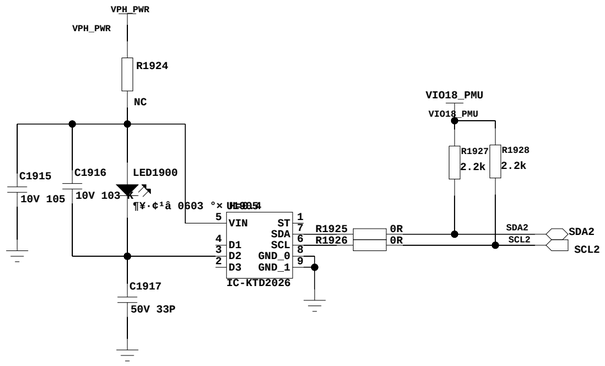
0x30 (Write:0x60, Read:0x61)



Remote Control

I2C Address

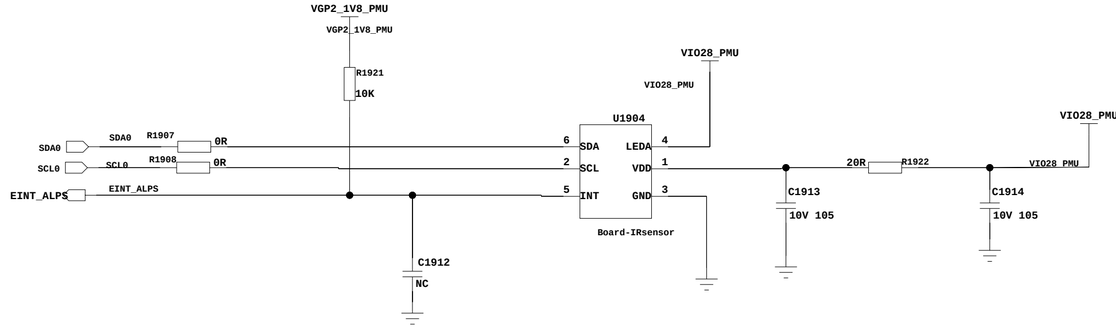
0x30 (Write:0x60, Read:0x61)



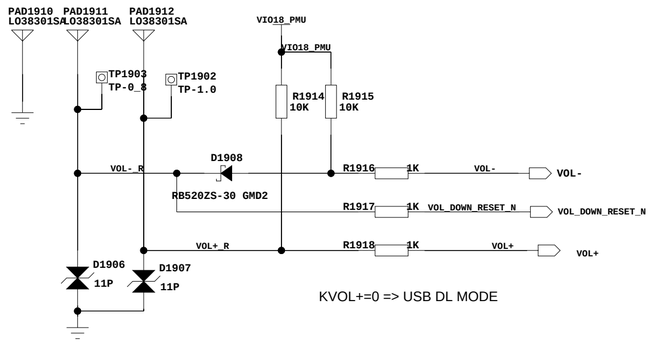
A.L.S.+P.S sensor module & indicator LED

I2C Address

0x39 (Write:0x72, Read:0x73)



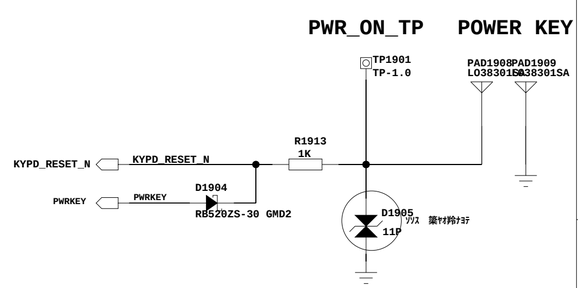
VOL+/- KEY



KVOL+=0 => USB DL MODE

POWER KEY

ソェサ恕　築ヤオ罐ャオへオ酥ホモミミア



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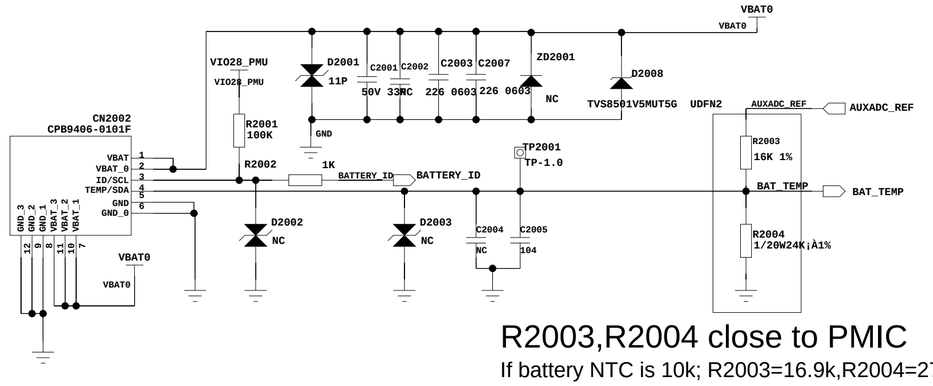
BT_CN

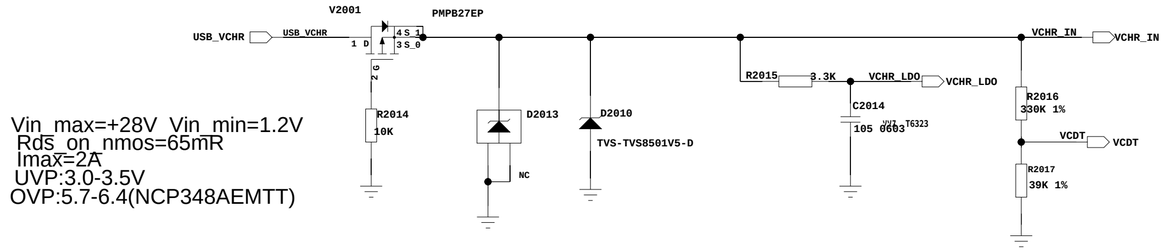


R2003,R2004 close to PMIC

If battery NTC is 10k; R2003=16.9k,R2004=27k

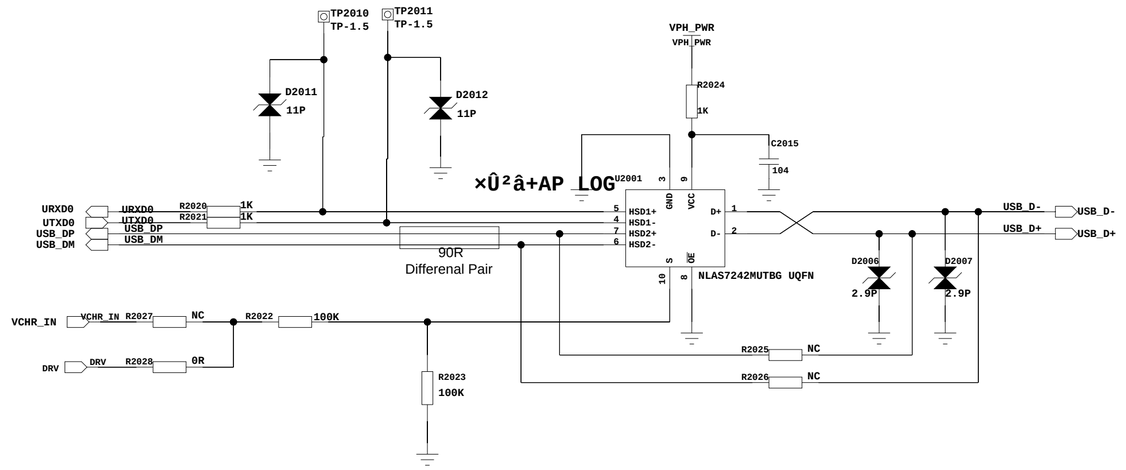
If battery NTC is 47k; R2003=61.9k,R2004=100k

OVP ハオシハハケモテ8080286



Vin_max=+28V Vin_min=1.2V
Rds_on_nmos=65mR
Imax=2A
UVP:3.0-3.5V
OVP:5.7-6.4(NCP348AEMTT)

USB¿ª¹Ø

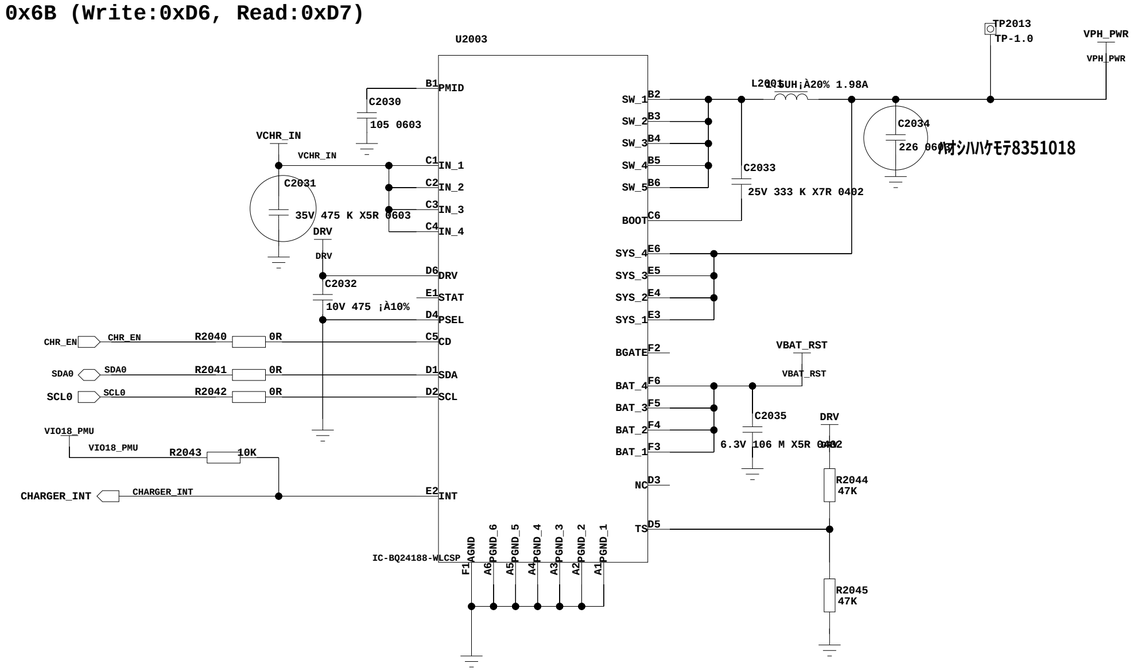


Circuit of Charge

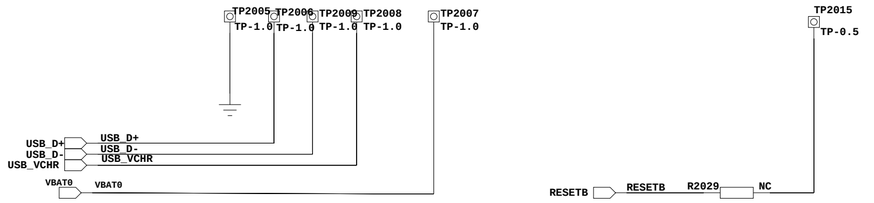
DC-DCÝɪ ーレキナホサヨテラ ュサキツキラ陬。ヤュヤ

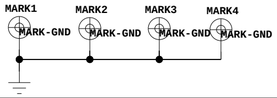
I2C Address

0x6B (Write:0xD6, Read:0xD7)

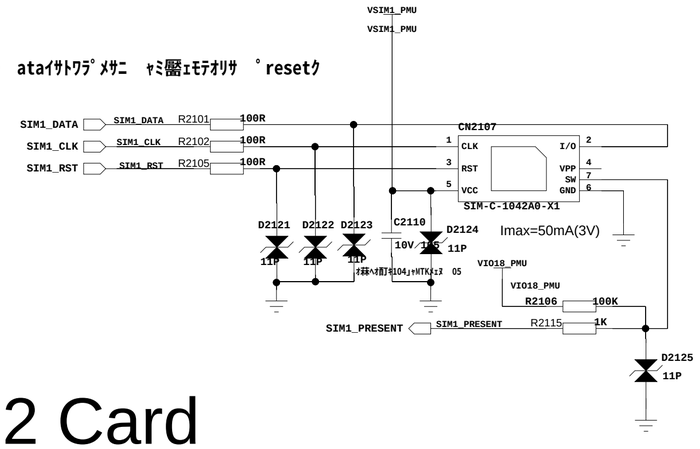


TEST POINT

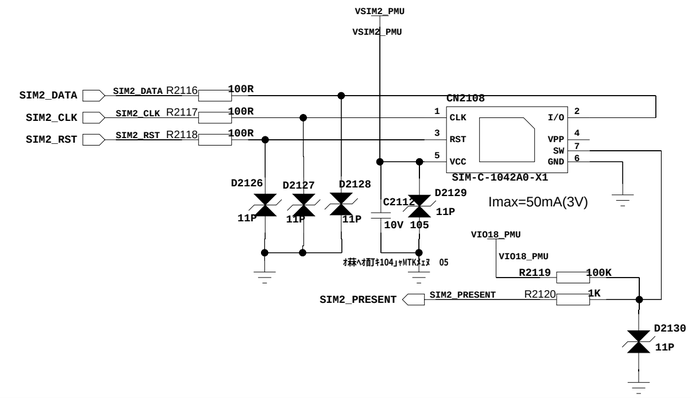




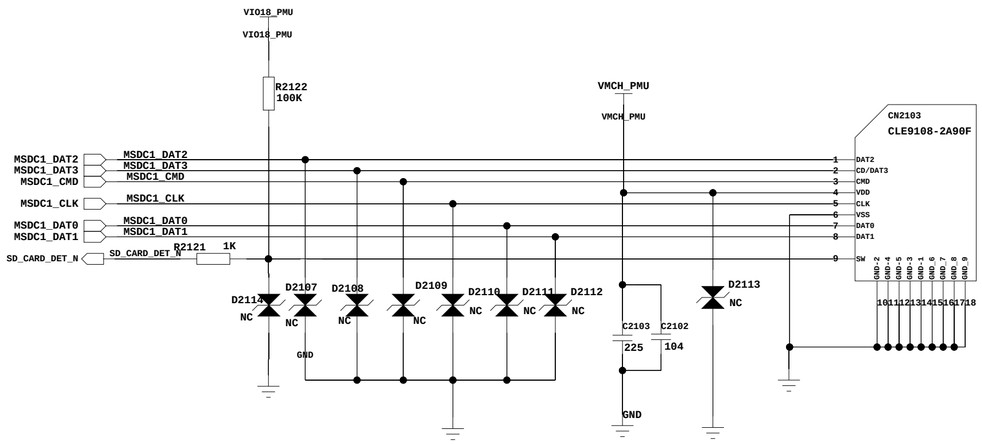
SIM1 Card



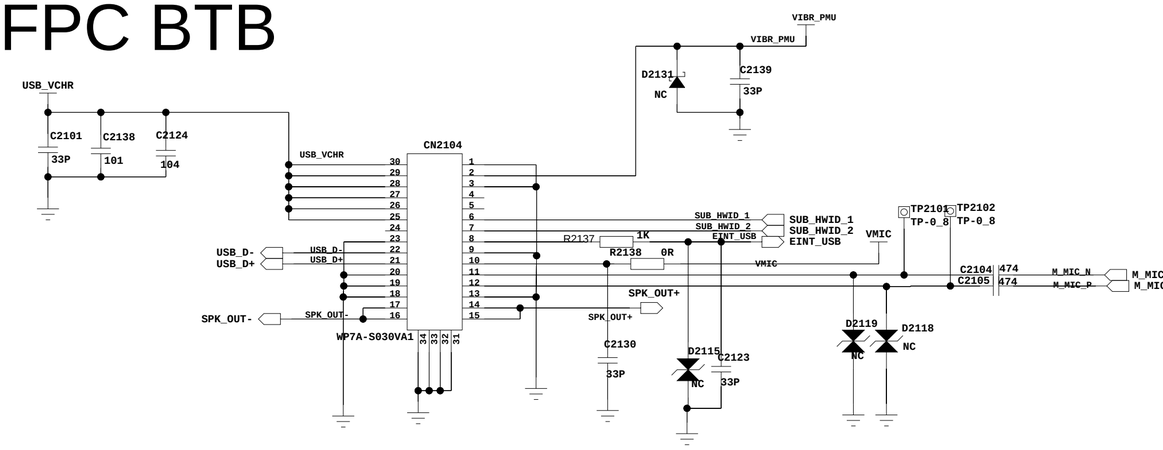
SIM2 Card



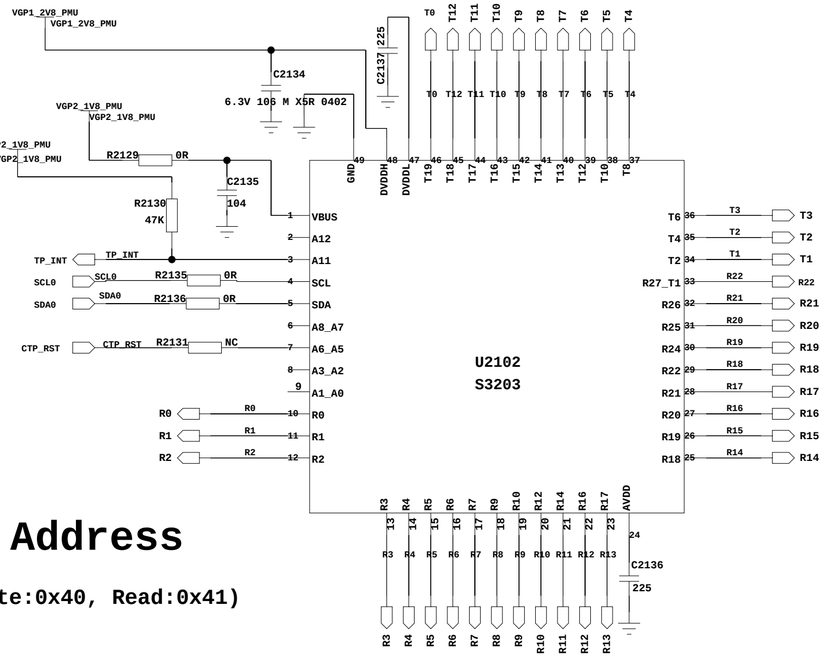
TF_CARD



FPC BTB

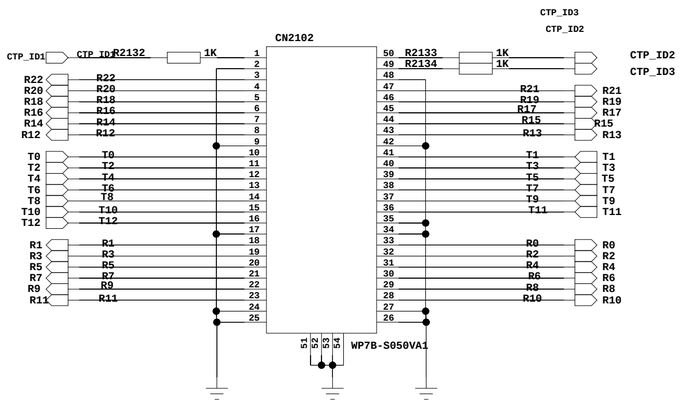


TP



I2C Address

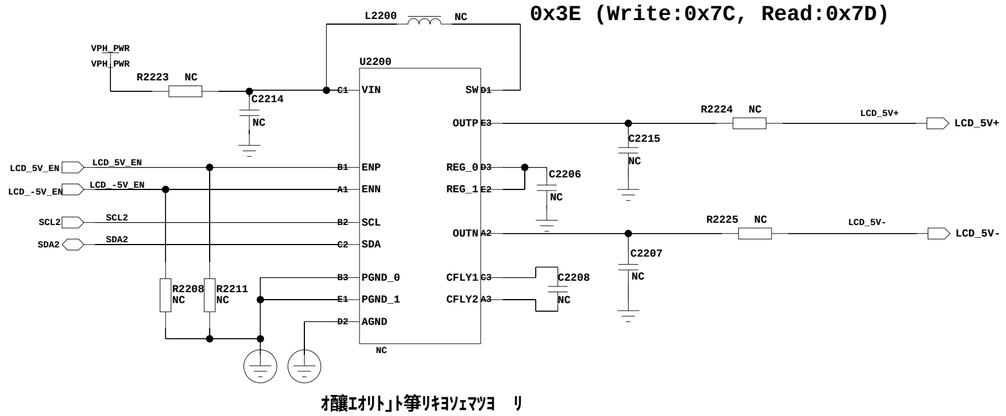
0x20 (Write:0x40, Read:0x41)



LCD ｡ﾀ5V drive

I2C Address

0x3E (Write:0x7C, Read:0x7D)



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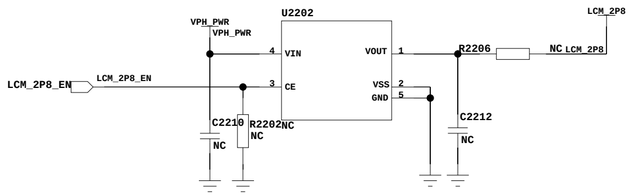
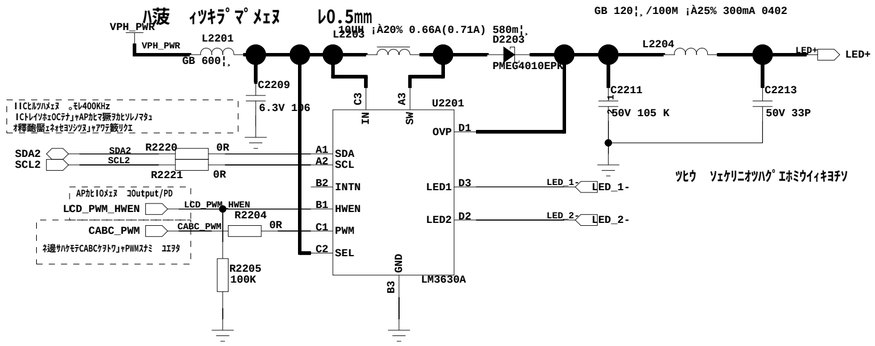


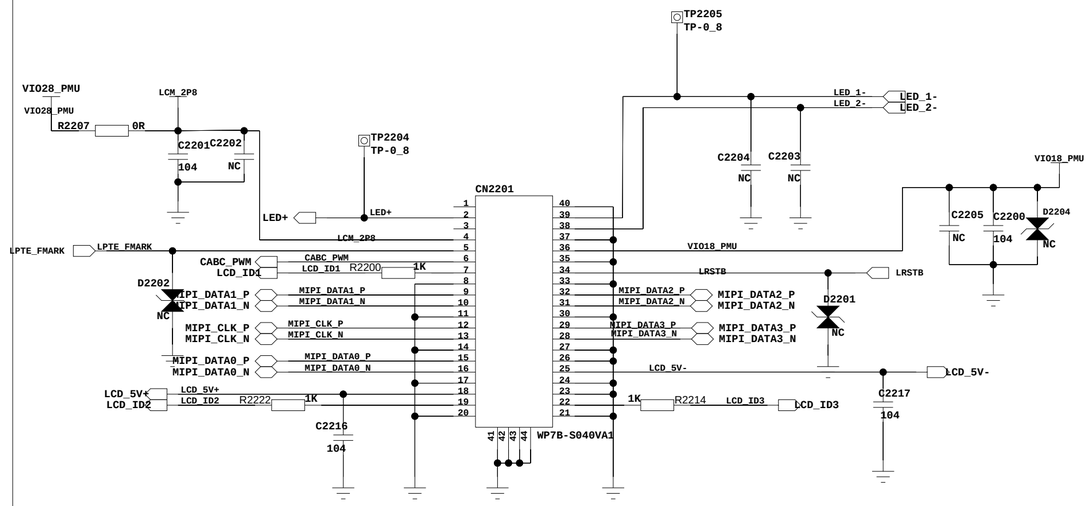
LCD BACKLIGHT

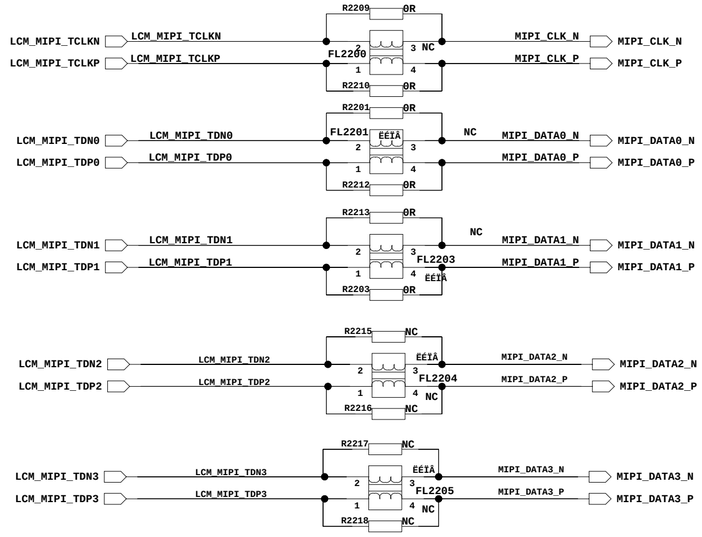
I2C Address

0x38 (Write:0x78, Read:0x79)



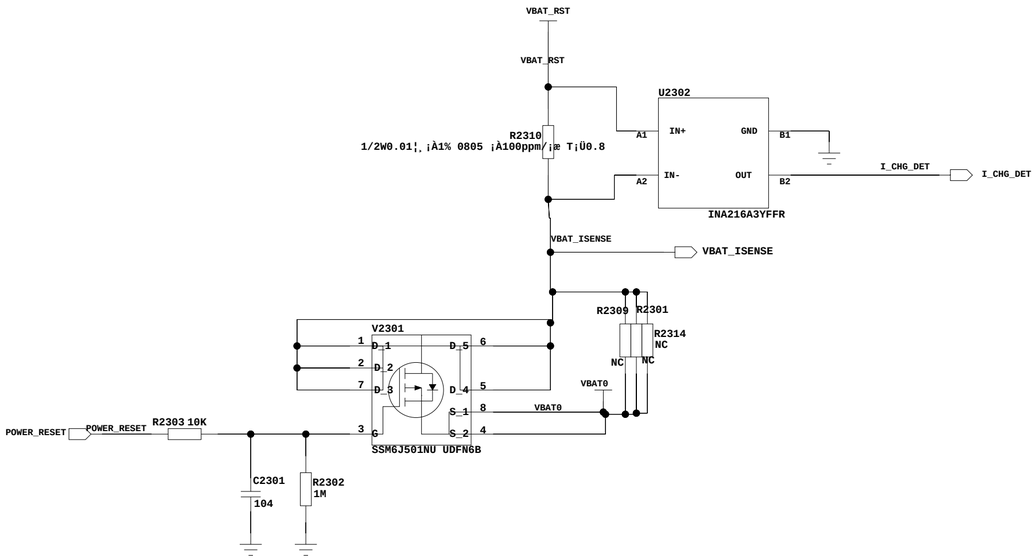
LCD Interface

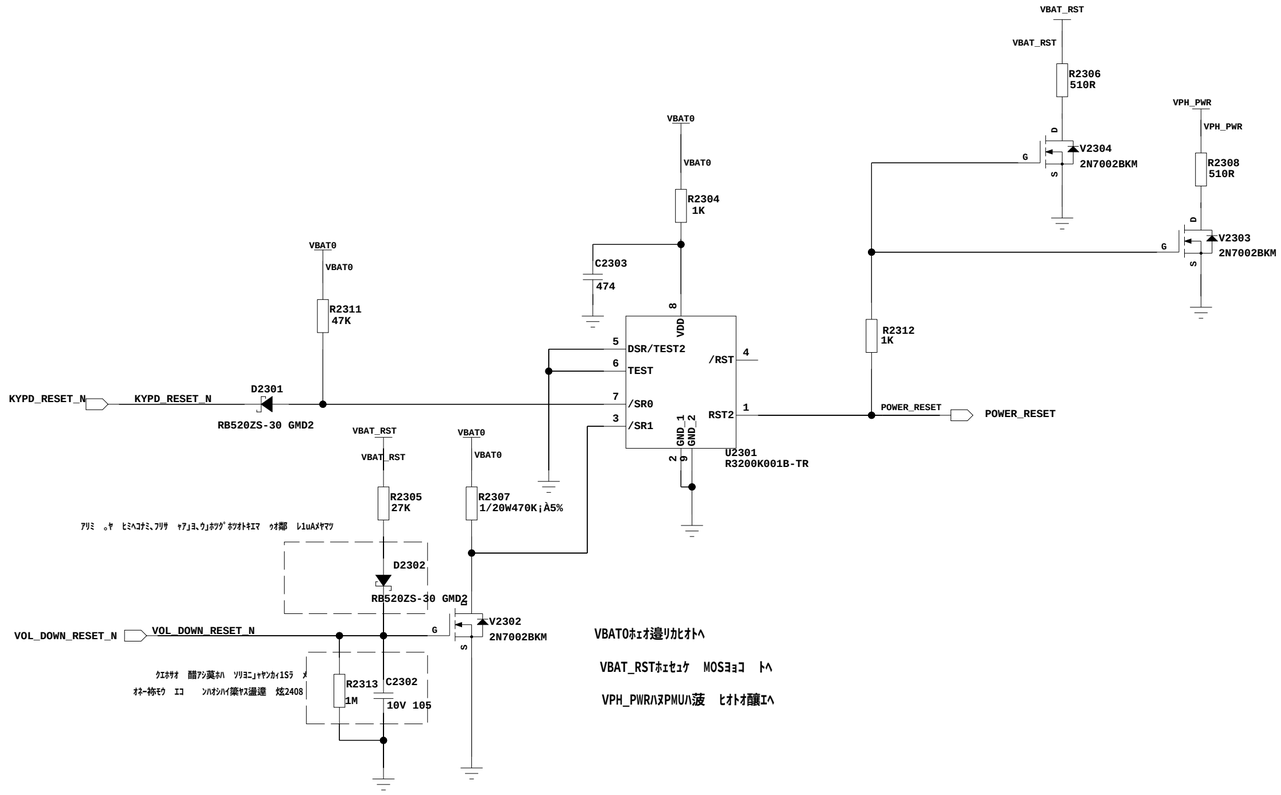


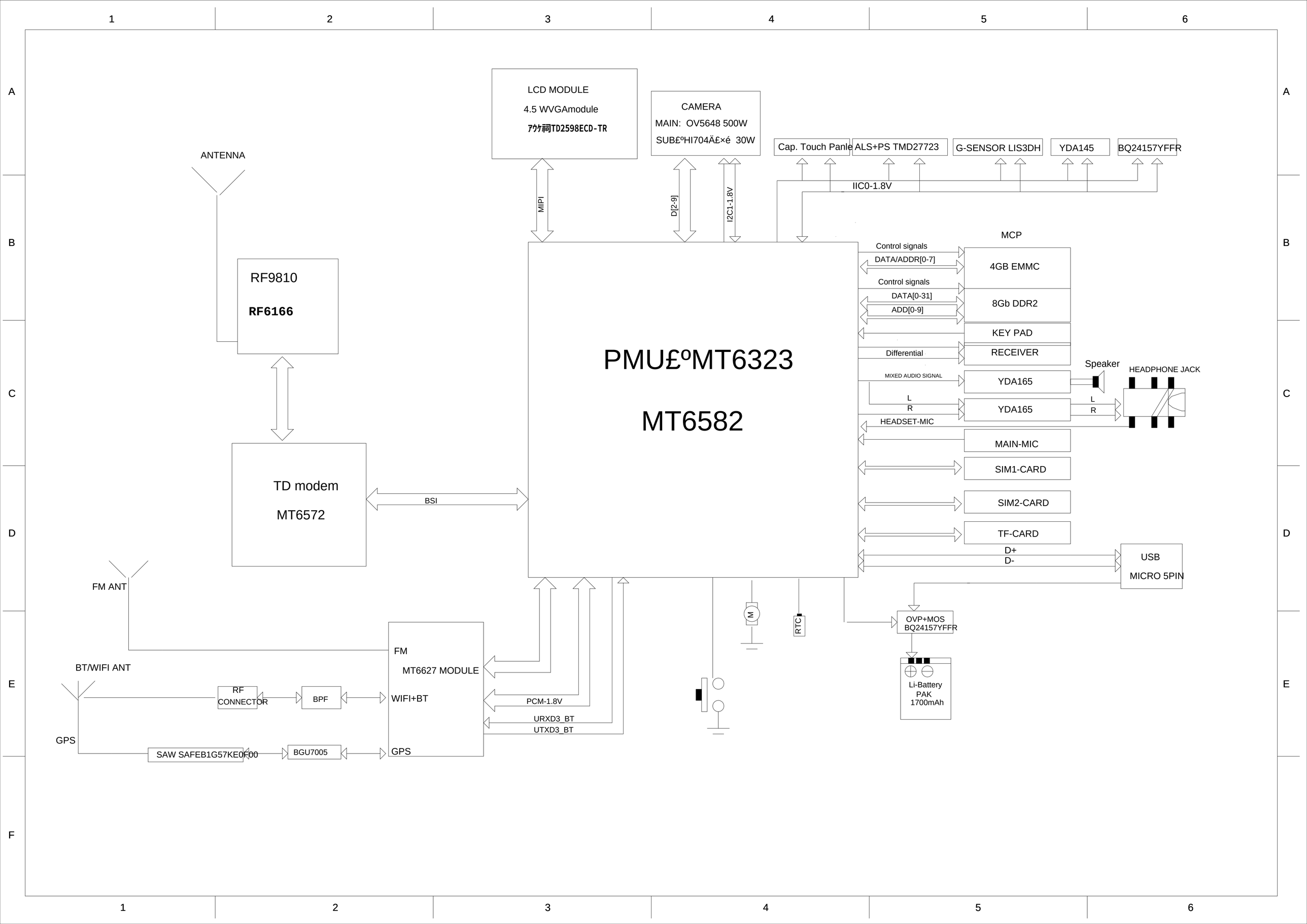


RESET


PAD2303
PAD2302
PAD2305
PAD2304
PAD2306


VBAT_RST
VBAT_RST
U2302
R2310
1/2W0.01¦¸ ¡À1% 0805 ¡À100ppm/¡æ T¡Ù0.8
A1
IN+
GND
B1
IN-
OUT
B2
A2
INA216A3YFFR
I_CHG_DET
I_CHG_DET
VBAT_ISENSE
VBAT_ISENSE
R2309
R2301
R2314
NC
NC
NC
V2301
1
D_1
2
D_2
7
D_3
D_5
6
D_4
5
S_1
8
S_2
4
3
G
VBAT0
VBAT0
SSM6J501NU UDFN6B
POWER_RESET
POWER_RESET
R2303 10K
C2301
104
R2302
1M


VBAT_RST
VBAT_RST
R2306
510R
D
G
S
V2304
2N7002BKM
VPH_PWR
VPH_PWR
R2308
510R
D
G
S
V2303
2N7002BKM
VBAT0
VBAT0
R2304
1K
C2303
474
VBAT0
VBAT0
R2311
47K
8
VDD
5
DSR/TEST2
6
TEST
7
/SR0
3
/SR1
/RST
4
RST2
1
GND_1
GND_2
2
9
R2312
1K
KYPD_RESET_N
KYPD_RESET_N
D2301
RB520ZS-30 GMD2
POWER_RESET
POWER_RESET
U2301
R3200K001B-TR
VBAT_RST
VBAT_RST
VBAT0
VBAT0
R2305
27K
R2307
1/20W470K¡Á5%
D2302
RB520ZS-30 GMD2
D
G
S
V2302
2N7002BKM
VOL_DOWN_RESET_N
VOL_DOWN_RESET_N
R2313
1M
C2302
10V 105
VBATOホェオ邉リカヒオトヘ
VBAT_RSTホェセュケ MOSヨョコ トヘ
VPH_PWRハヨPMUハ菠 ヒオトオ醸エヘ


LCD MODULE
4.5 WVGAmodule
ｱｳｹ祠TD2598ECD-TR
CAMERA
MAIN: OV5648 500W
SUB£ºHI704Ä£×é 30W
Cap. Touch Panle
ALS+PS TMD27723
G-SENSOR LIS3DH
YDA145
BQ24157YFFR
ANTENNA
MIPI
D[2-9]
I2C1-1.8V
IIC0-1.8V
RF9810
RF6166
MCP
Control signals
DATA/ADDR[0-7]
4GB EMMC
Control signals
DATA[0-31]
ADD[0-9]
8Gb DDR2
KEY PAD
Differential
RECEIVER
Speaker
HEADPHONE JACK
MIXED AUDIO SIGNAL
YDA165
L
R
YDA165
L
R
HEADSET-MIC
MAIN-MIC
SIM1-CARD
SIM2-CARD
TF-CARD
D+
D-
USB
MICRO 5PIN
PMU£ºMT6323
MT6582
TD modem
MT6572
BSI
FM ANT
FM
MT6627 MODULE
WIFI+BT
GPS
BT/WIFI ANT
RF
CONNECTOR
BPF
GPS
SAW SAFEB1G57KE0F00
BGU7005
PCM-1.8V
URXD3_BT
UTXD3_BT
M
RTC
OVP+MOS
BQ24157YFFR
Li-Battery
PAK
1700mAh