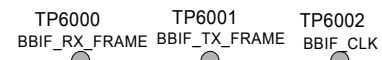
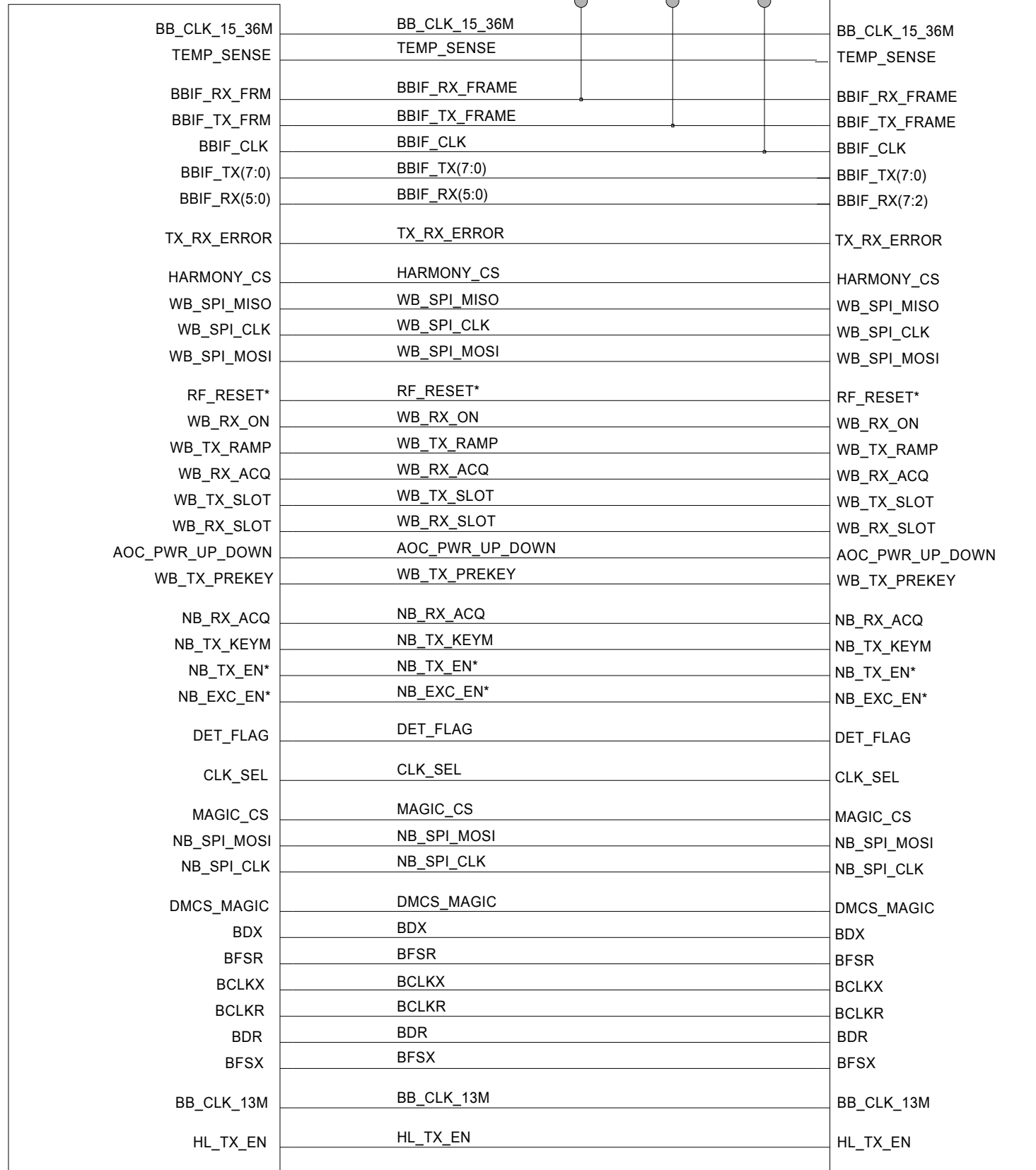
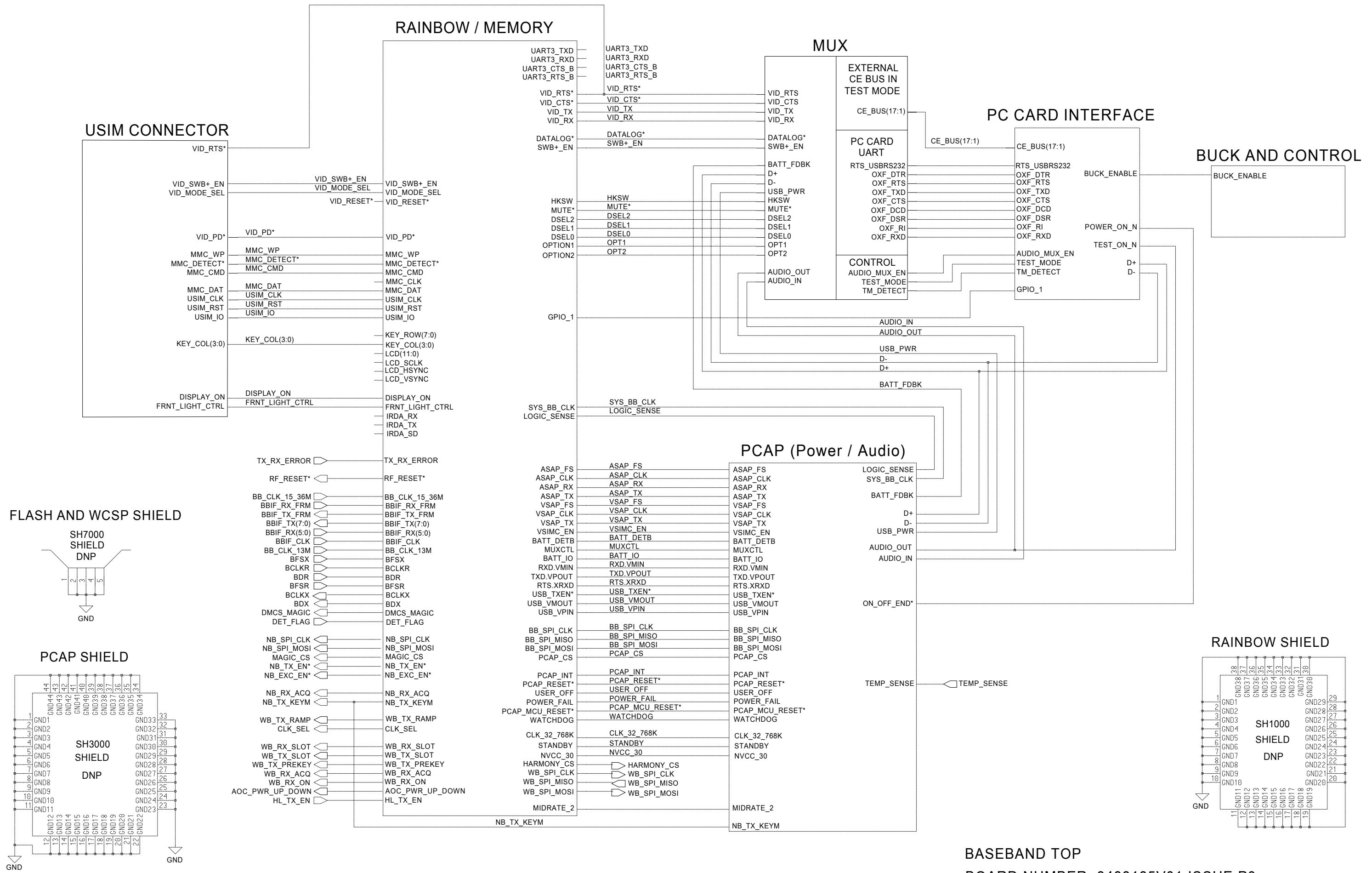


BASEBAND



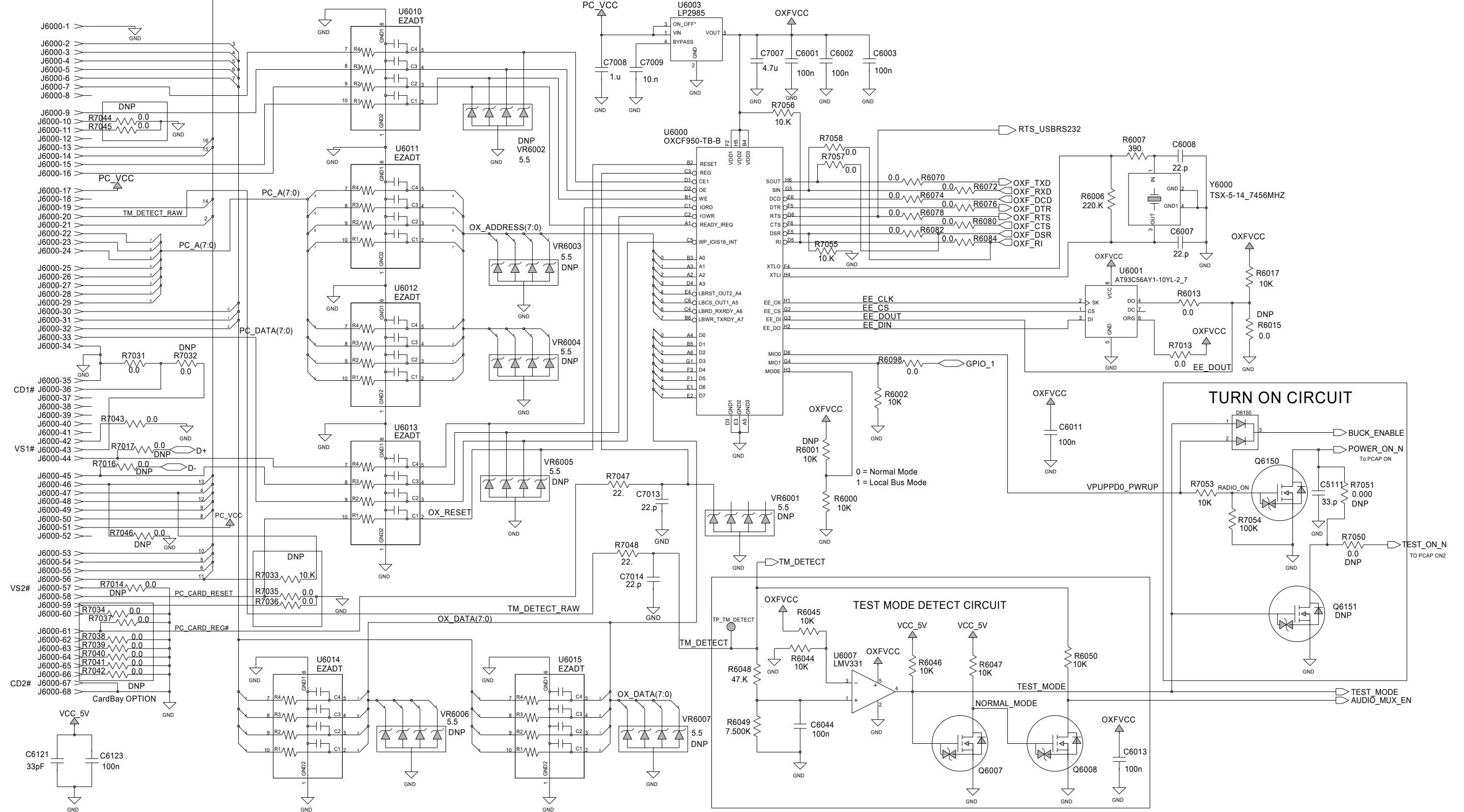
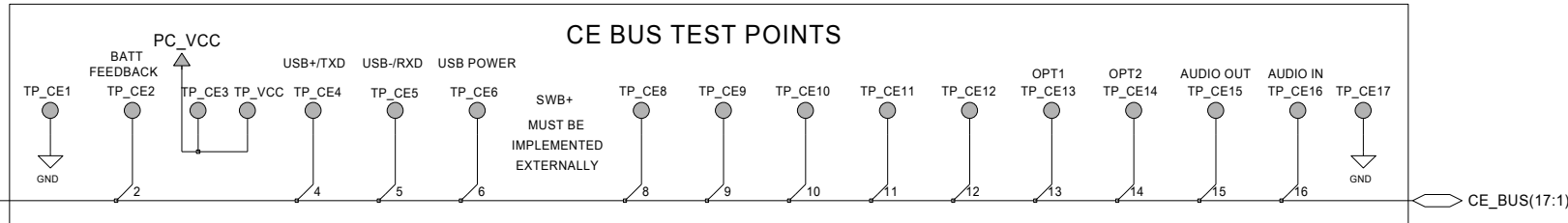
RF



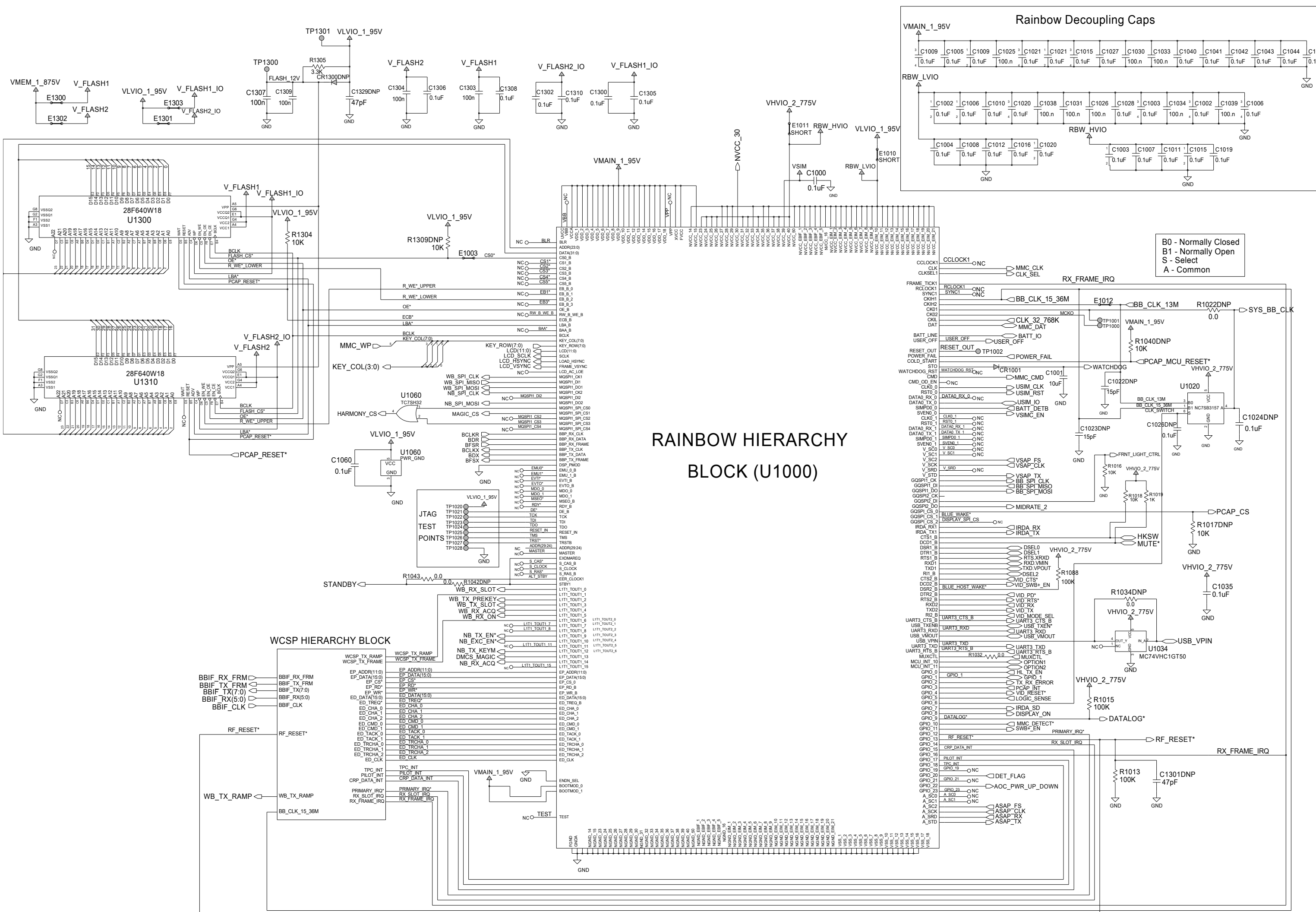


BASEBAND TOP
BOARD NUMBER: 8488185V01 ISSUE P3

CE BUS TEST POINTS

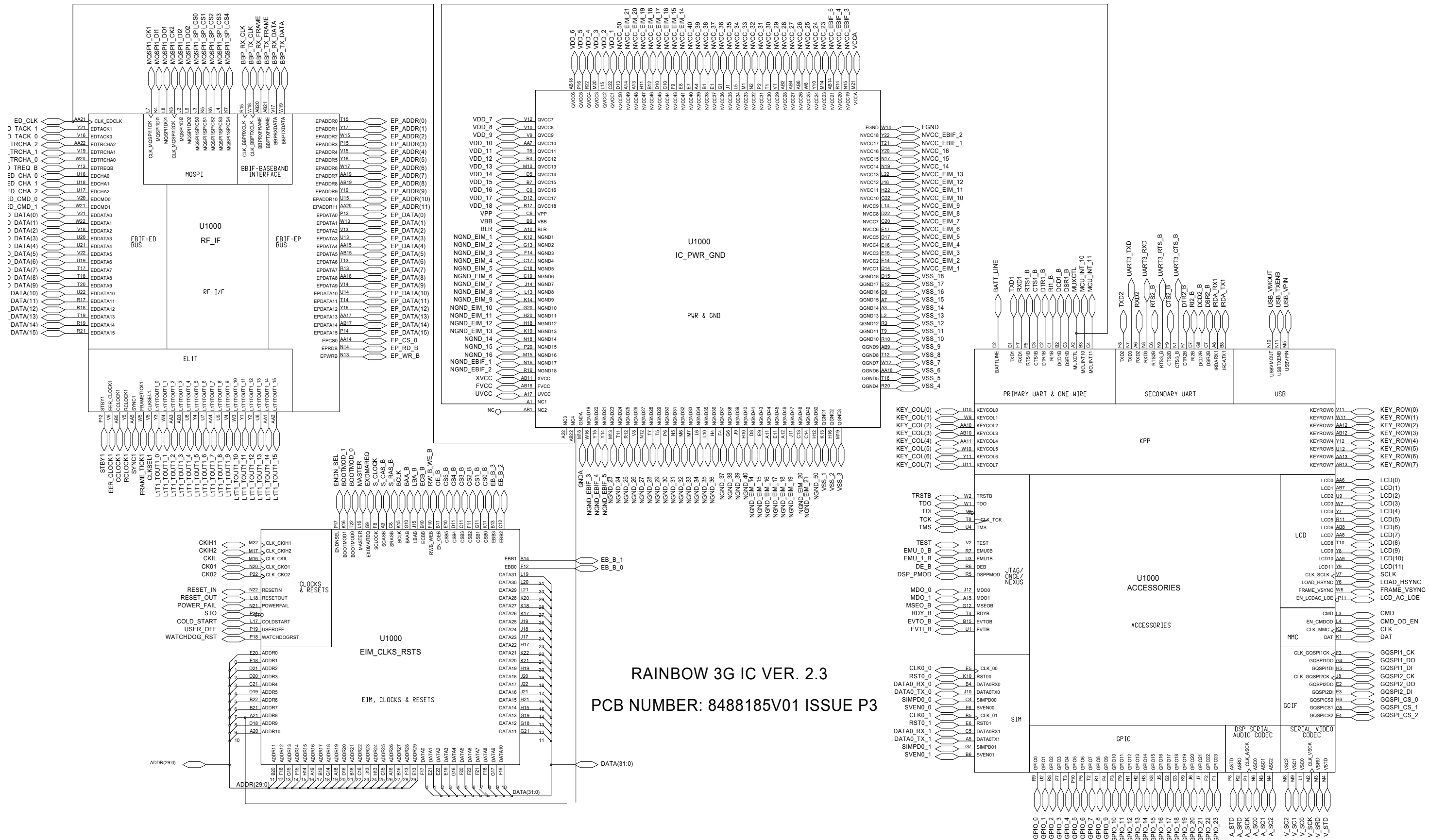


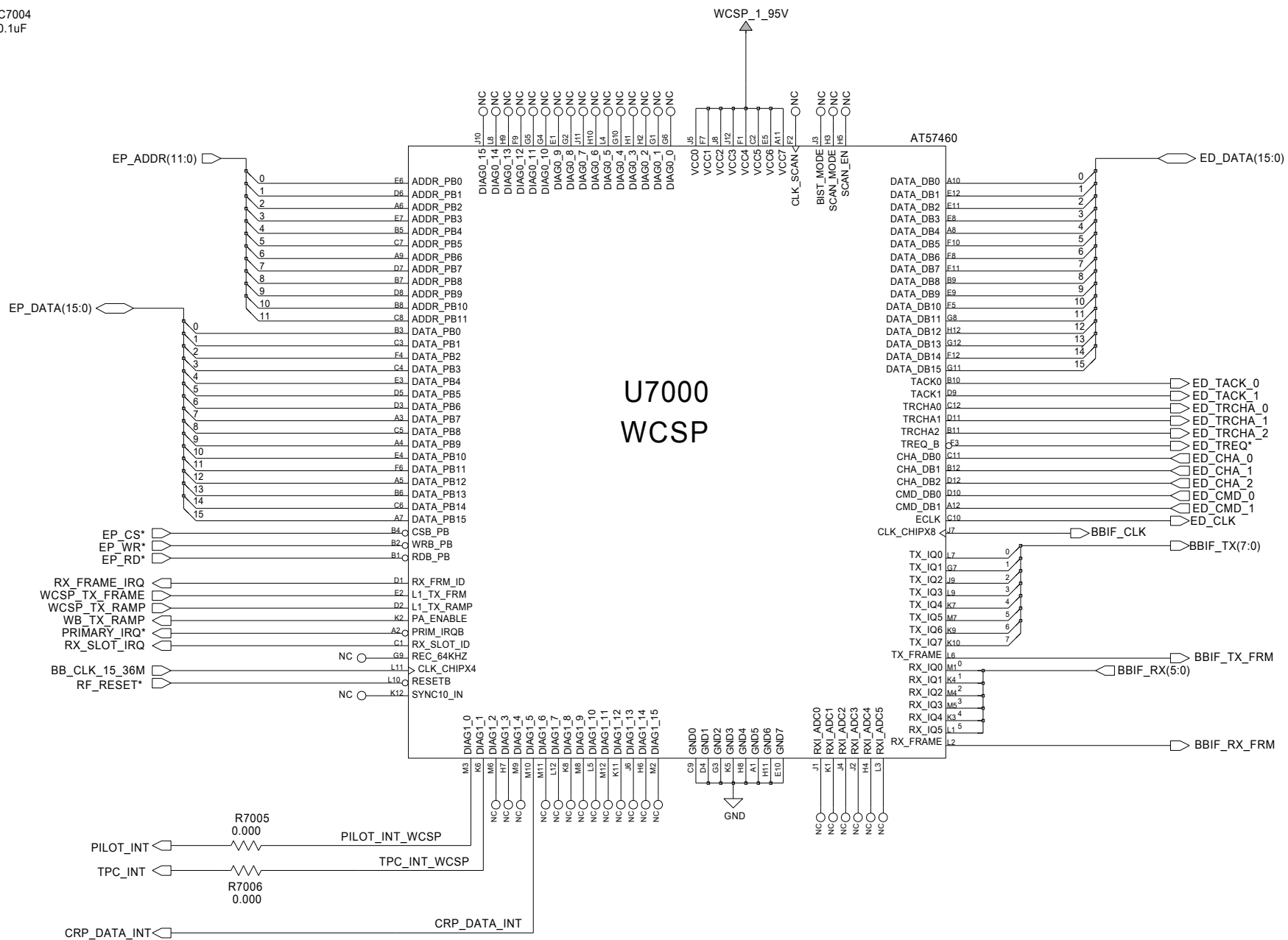
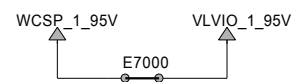
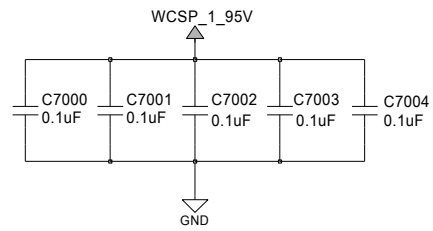
PC CARD INTERFACE
PCB NUMBER: 8488185V01 ISSUE P3

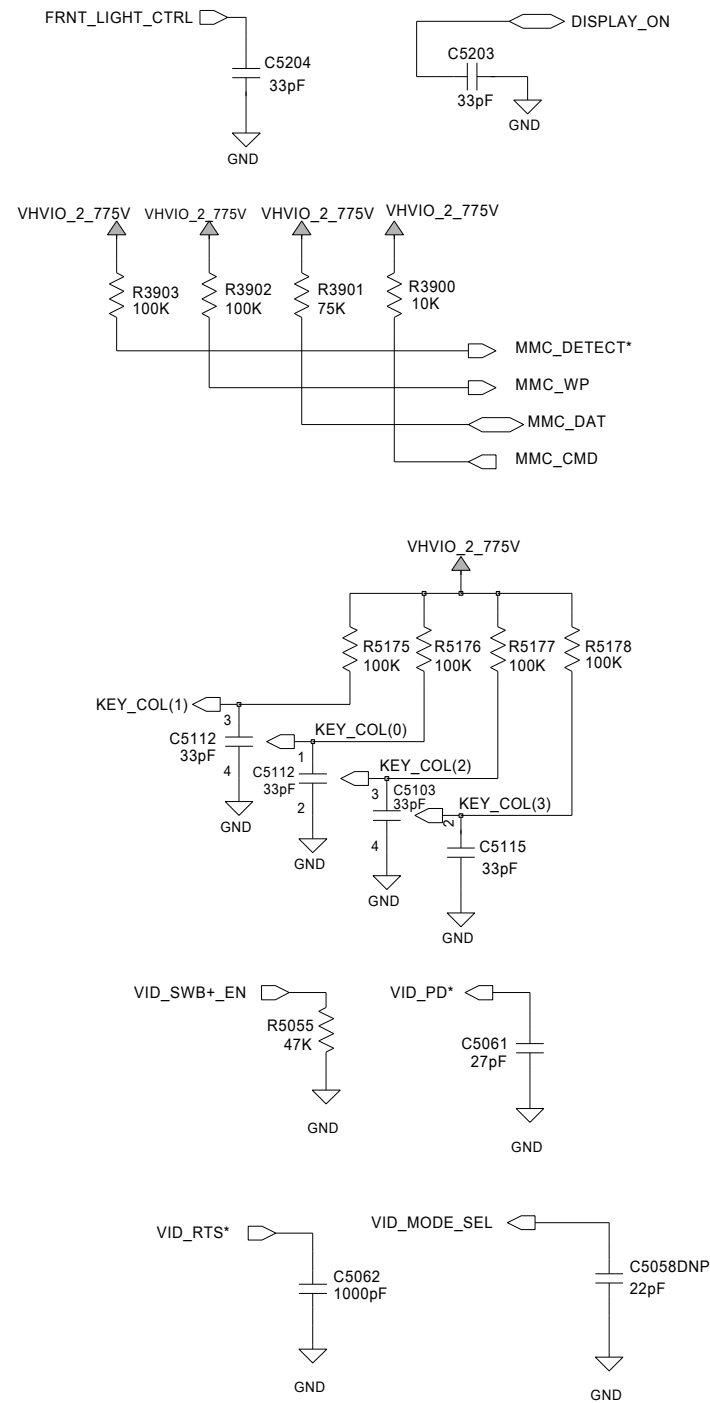


RAINBOW HIERARCHY BLOCK (U1000)

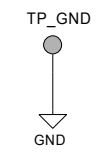
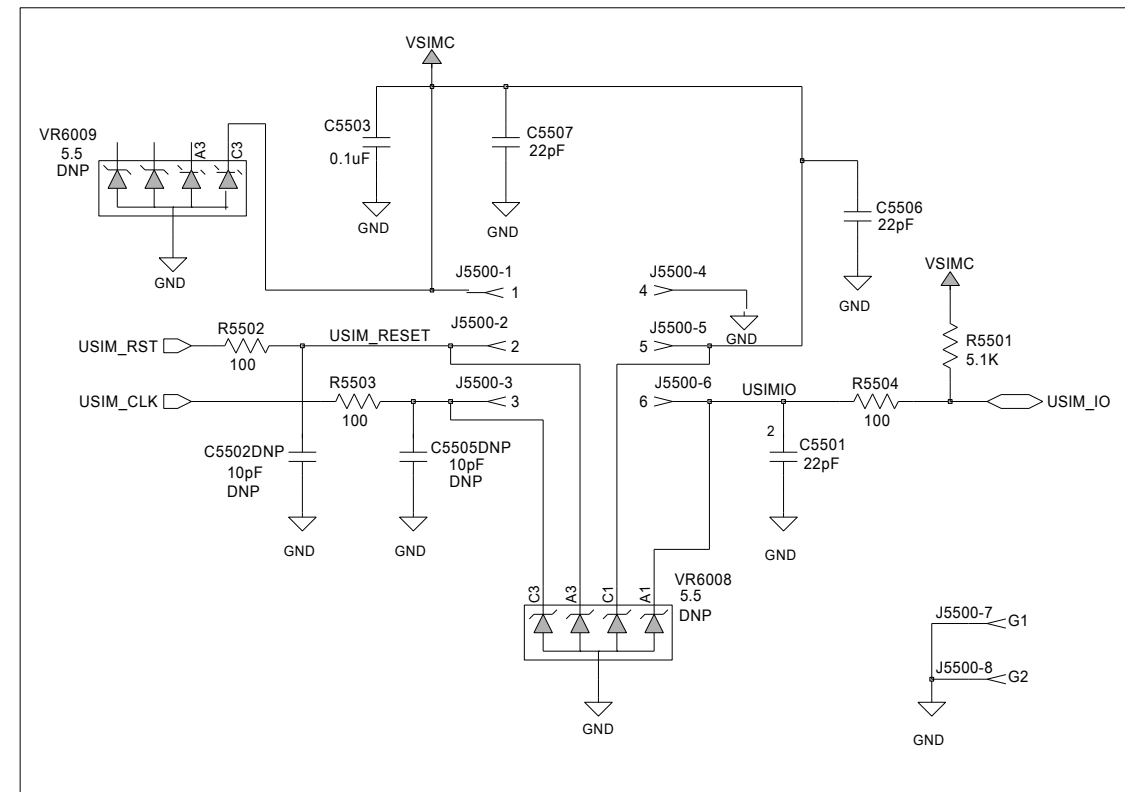
B0 - Normally Closed
 B1 - Normally Open
 S - Select
 A - Common





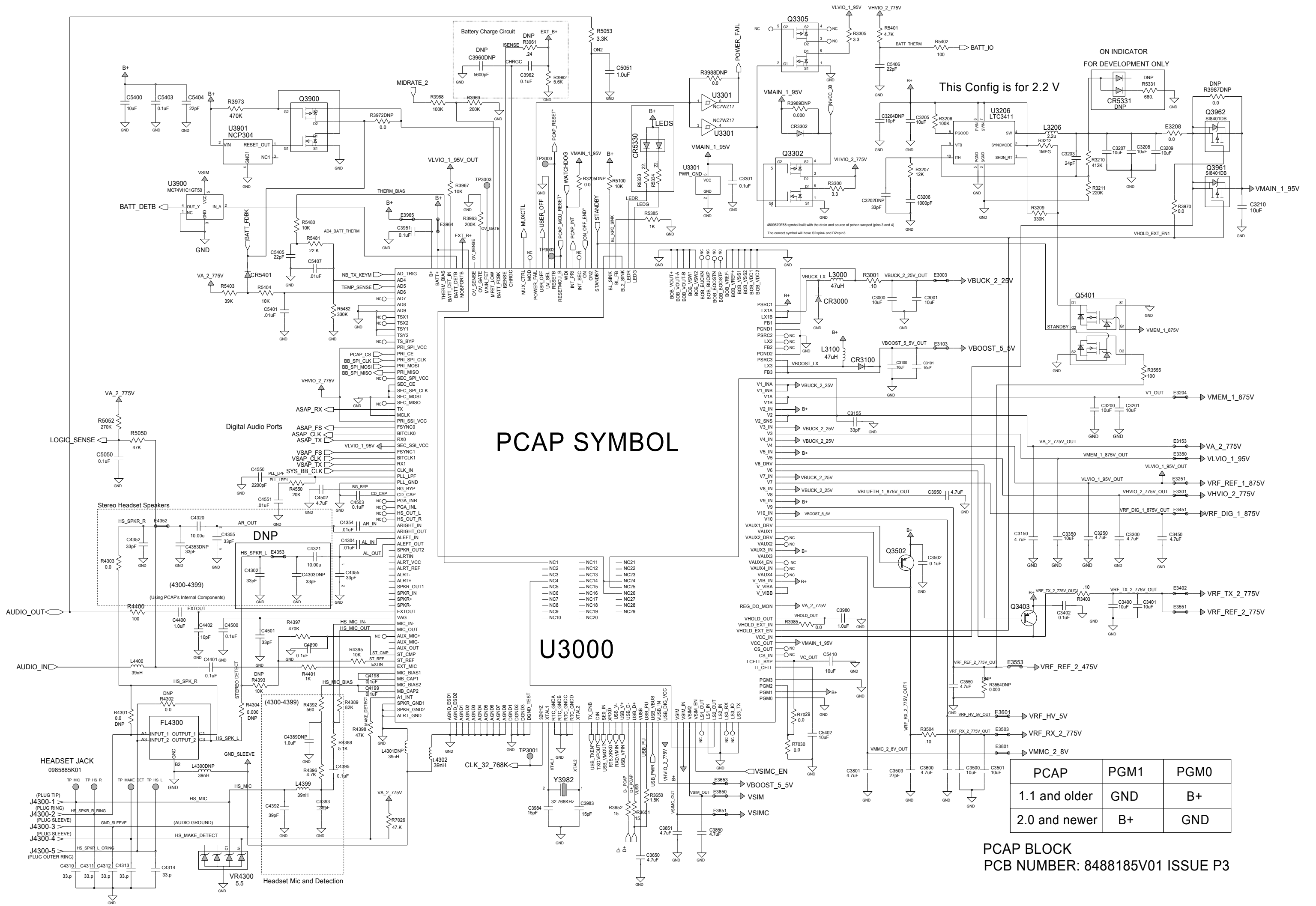


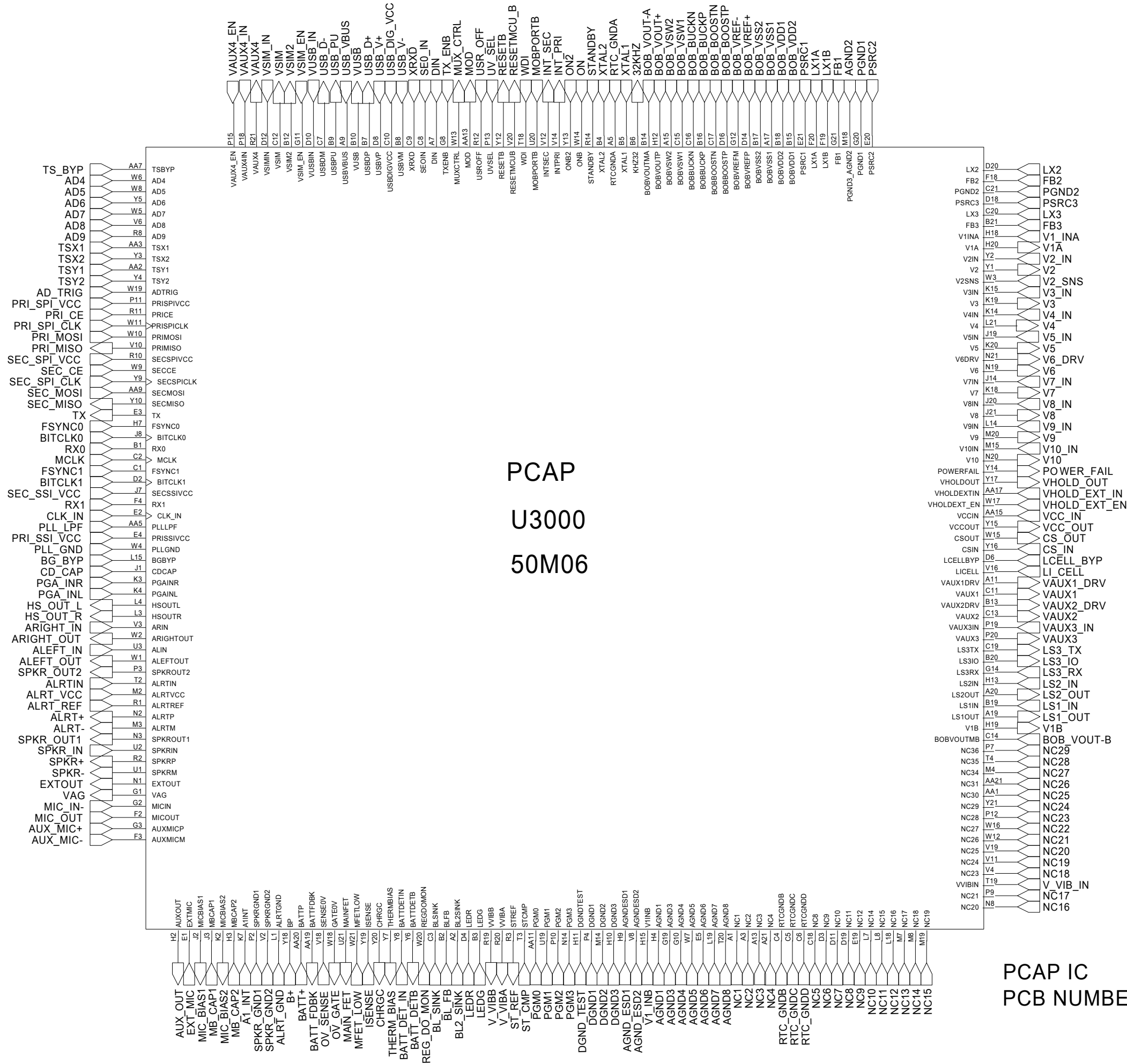
USIM CONNECTOR



USIM CONNECTOR

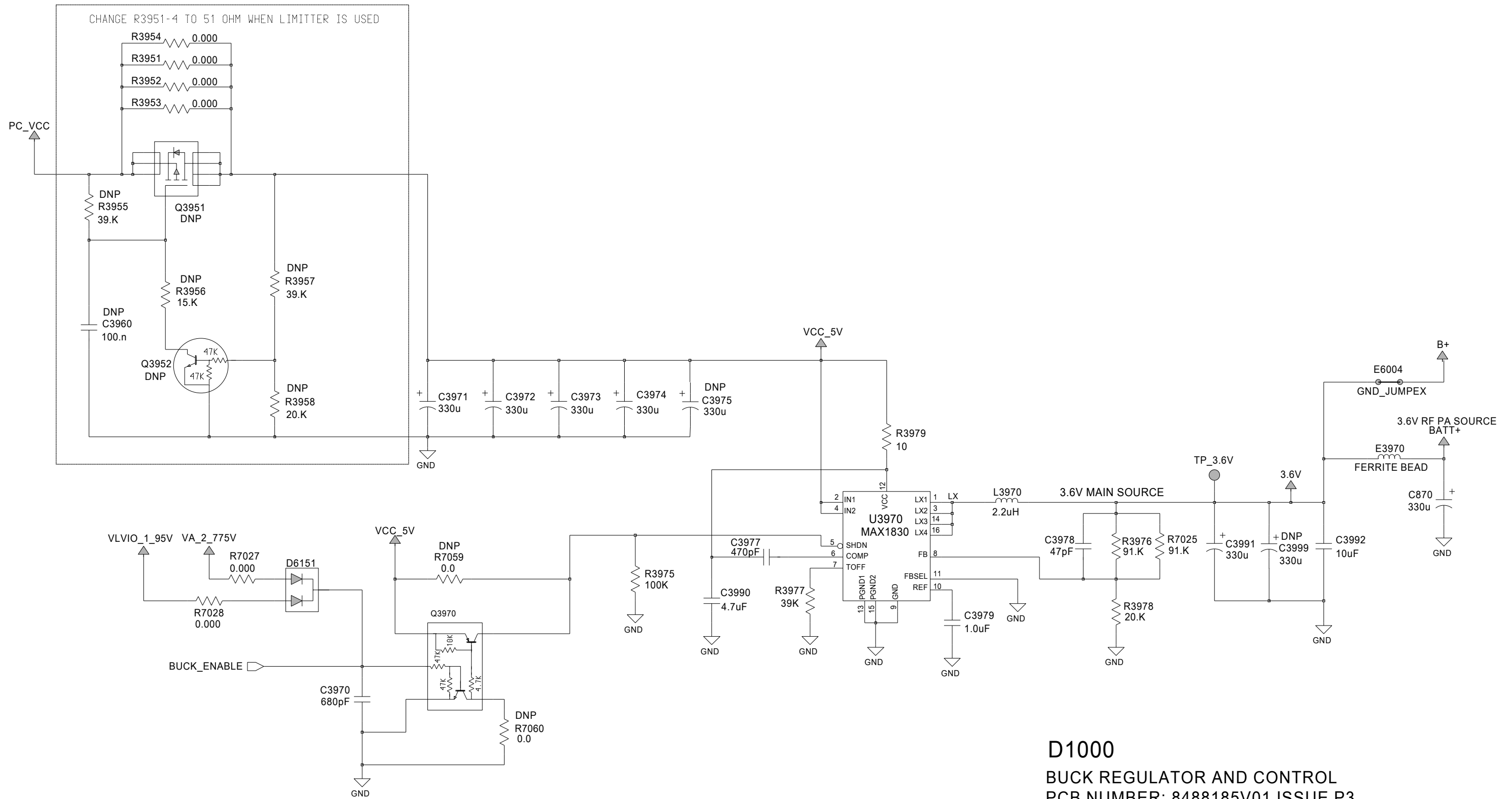
PCB NUMBER: 8488185V01 ISSUE P3



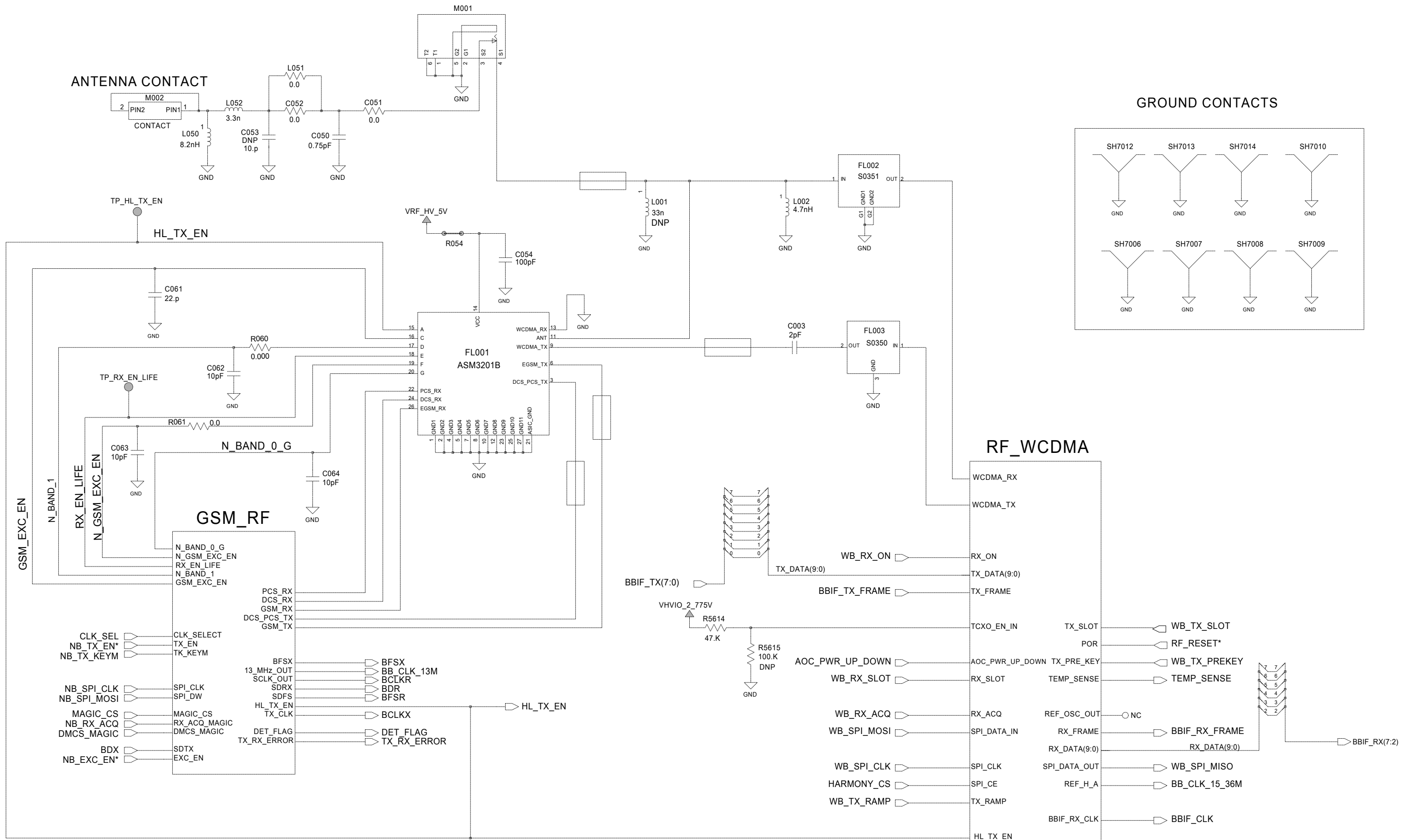


PCAP IC
 PCB NUMBER: 8488185V01 ISSUE P3

OPTIONAL INRUSH CURRENT LIMITTER



D1000
BUCK REGULATOR AND CONTROL
PCB NUMBER: 8488185V01 ISSUE P3



ANTENNA CONTACT

GROUND CONTACTS

RF_WCDMA

GSM_RF

**FL001
ASM3201B**

**FL002
S0351**

**FL003
S0350**

CLK_SEL
NB_TX_EN*
NB_TX_KEYM

NB_SPI_CLK
NB_SPI_MOSI

MAGIC_CS
NB_RX_ACQ
DMCS_MAGIC

BDX
NB_EXC_EN*

CLK_SELECT
TX_EN
TK_KEYM

SPI_CLK
SPI_DW

MAGIC_CS
RX_ACQ_MAGIC
DMCS_MAGIC

SCTX
EXC_EN

BFSX
13_MHz_OUT
SCLK_OUT
SDRX
SDFS
BFSR

BCLKX
DET_FLAG
TX_RX_ERROR

PCS_RX
DCS_RX
GSM_RX
DCS_PCS_TX
GSM_TX

BFSX
BB_CLK_13M
BCLKR
BDR
BFSR

BCLKX
DET_FLAG
TX_RX_ERROR

AOC_PWR_UP_DOWN
WB_RX_SLOT
WB_RX_ACQ
WB_SPI_MOSI
WB_SPI_CLK
HARMONY_CS
WB_TX_RAMP

AOC_PWR_UP_DOWN
RX_SLOT
RX_ACQ
SPI_DATA_IN
SPI_CLK
SPI_CE
TX_RAMP

TX_SLOT
POR
TX_PRE_KEY
TEMP_SENSE

WB_TX_SLOT
RF_RESET*WB_TX_PREKEY
TEMP_SENSE

REF_OSC_OUT
RX_FRAME
RX_DATA(9:0)

SPI_DATA_OUT
REF_H_A

WB_SPI_MISO
BB_CLK_15_36M
BBIF_RX_CLK

WB_TX_SLOT
RF_RESET*WB_TX_PREKEY
TEMP_SENSE

WB_TX_SLOT
RF_RESET*WB_TX_PREKEY
TEMP_SENSE

WB_TX_SLOT
RF_RESET*WB_TX_PREKEY
TEMP_SENSE

WB_TX_SLOT
RF_RESET*WB_TX_PREKEY
TEMP_SENSE

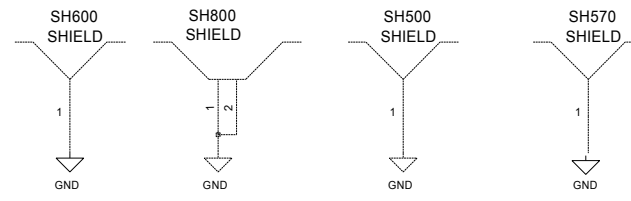
WB_TX_SLOT
RF_RESET*WB_TX_PREKEY
TEMP_SENSE

WB_TX_SLOT
RF_RESET*WB_TX_PREKEY
TEMP_SENSE

WB_TX_SLOT
RF_RESET*WB_TX_PREKEY
TEMP_SENSE

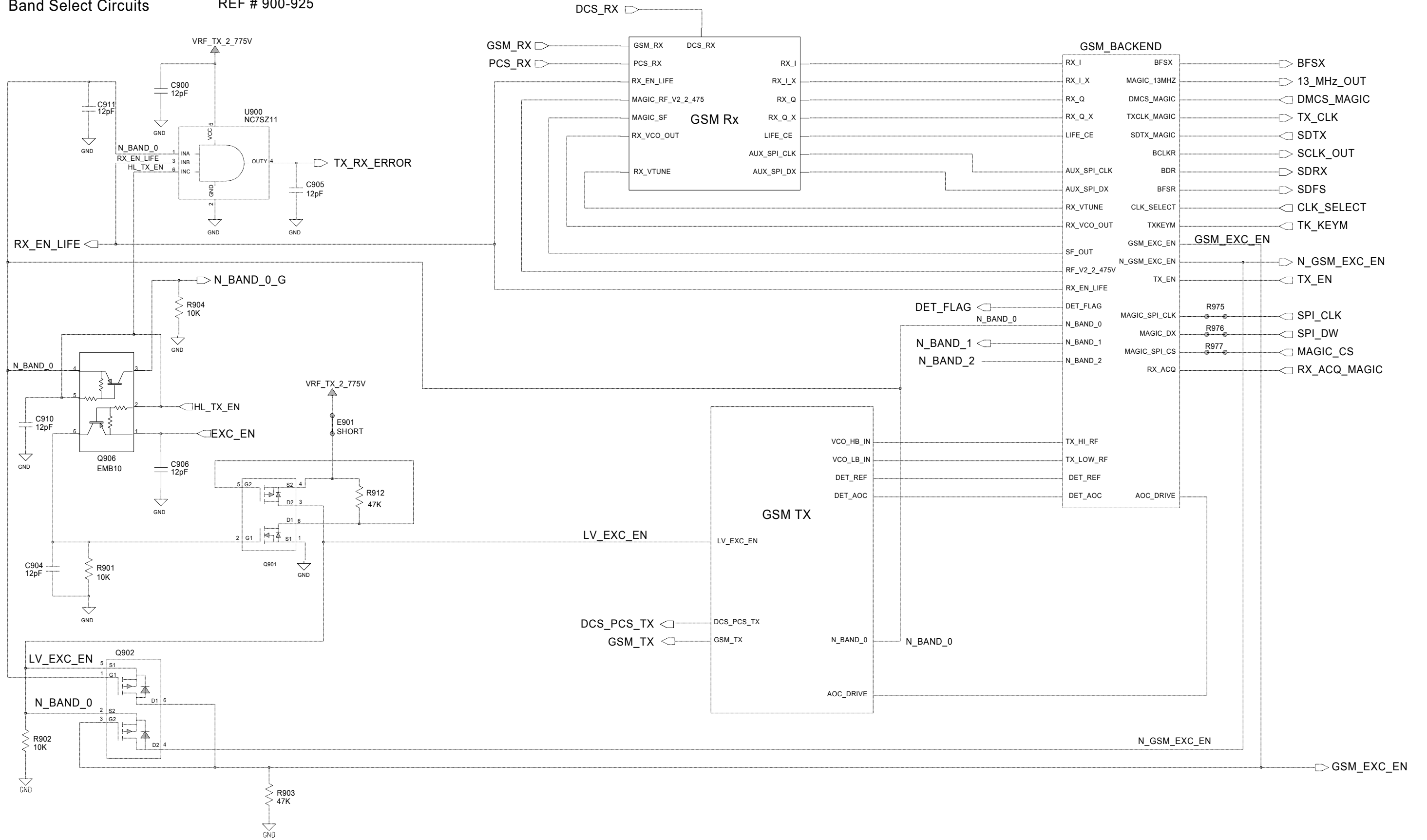
WB_TX_SLOT
RF_RESET*WB_TX_PREKEY
TEMP_SENSE

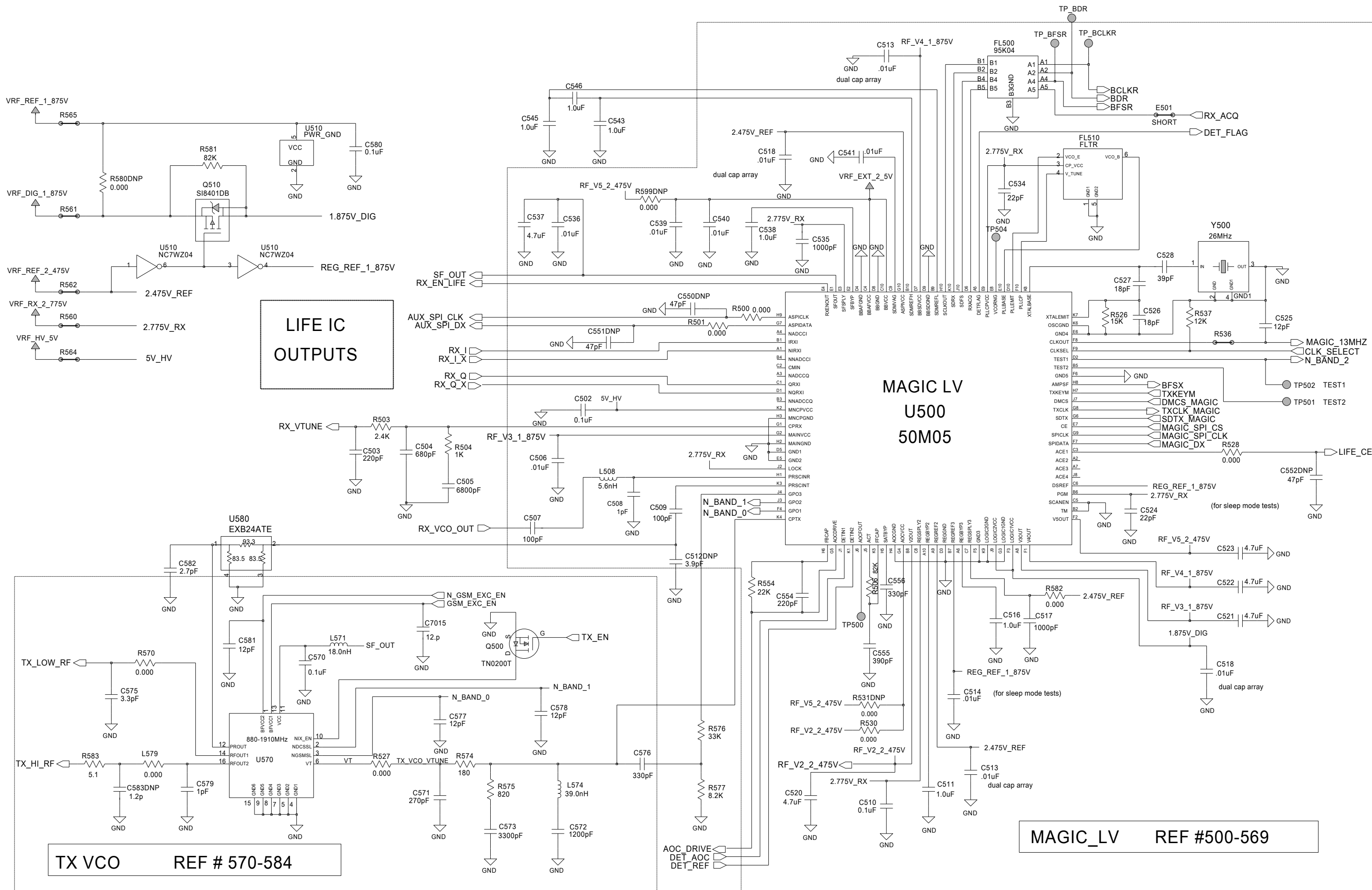
WB_TX_SLOT
RF_RESET*WB_TX_PREKEY
TEMP_SENSE



Band Select Circuits

REF # 900-925





**LIFE IC
OUTPUTS**

**MAGIC LV
U500
50M05**

MAGIC_LV REF #500-569

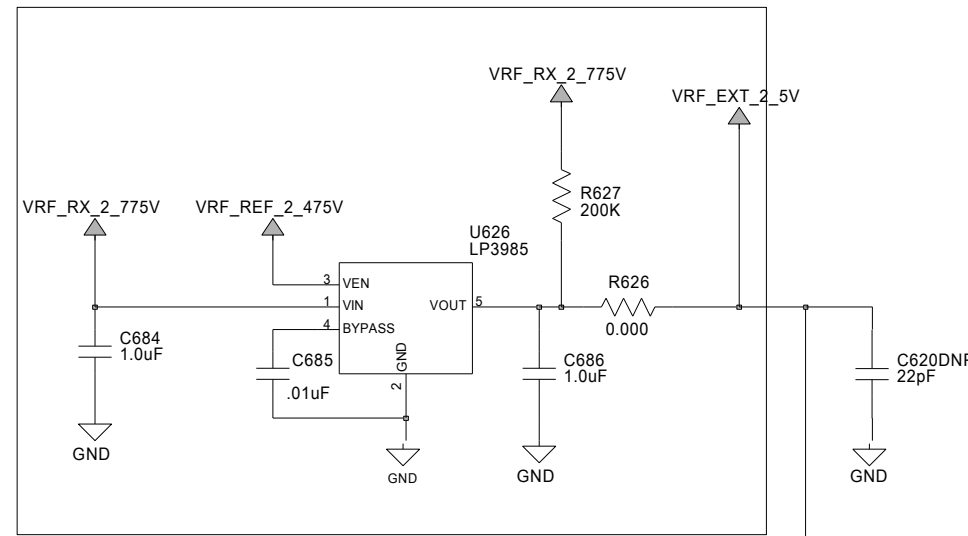
TX VCO REF # 570-584

SF_OUT
RX_EN_LIFE
AUX_SPI_CLK
AUX_SPI_DX
RX_I
RX_I_X
RX_Q
RX_Q_X

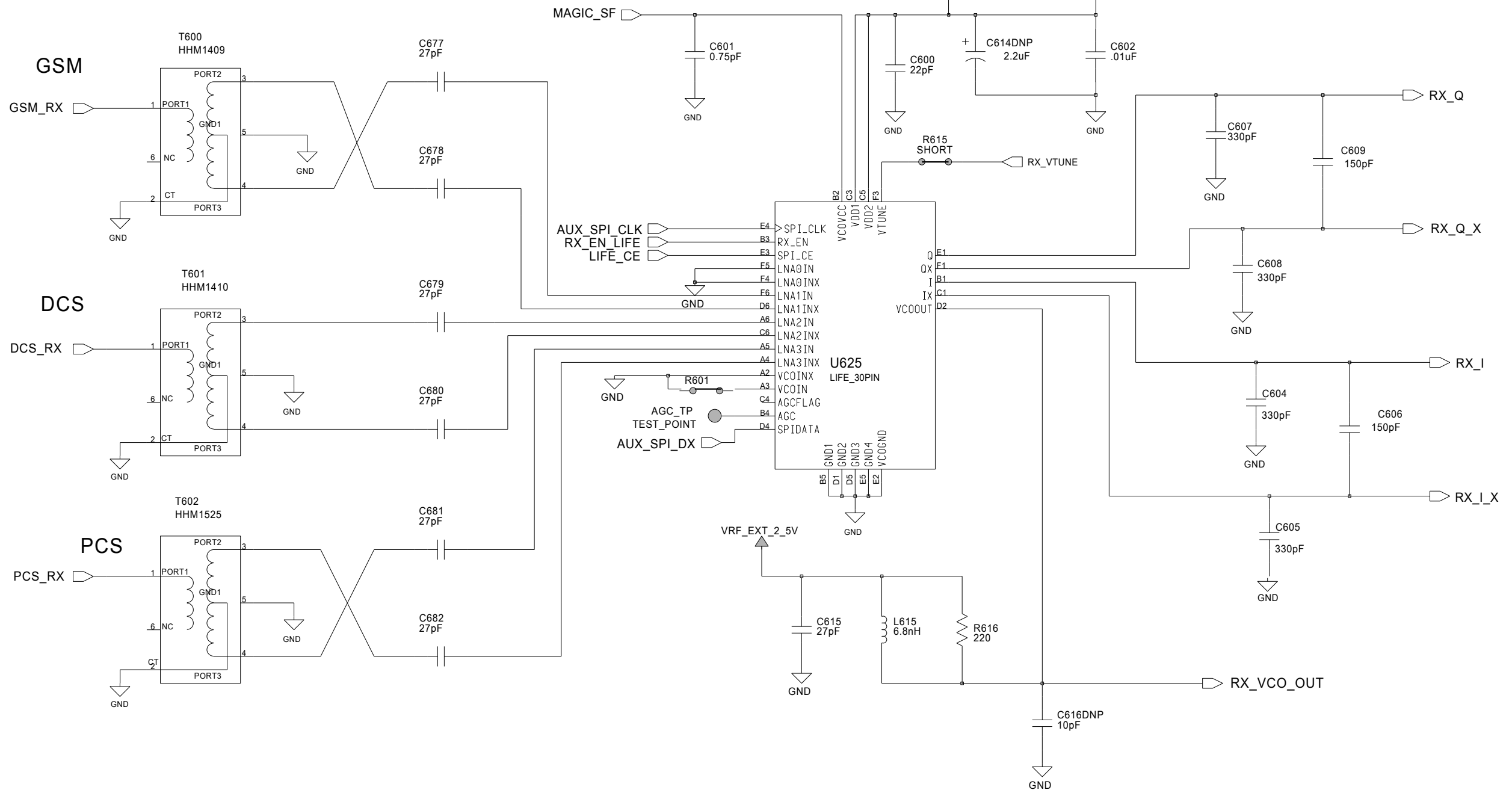
TP_BDR
TP_BFSR
TP_BCLKR
BCLKR
BDR
BFSR
E501 SHORT
RX_ACQ
DET_FLAG
FL510 FLTR
VCO_E
CP_VCC
V_TUNE
GND1
GND2
Y500 26MHz
C528 39pF
R536
C525 12pF
MAGIC_13MHz
CLK_SELECT
N_BAND_2
TP502 TEST1
TP501 TEST2
BFSX
TXKEYM
DMCS_MAGIC
TXCLK_MAGIC
SDTX_MAGIC
MAGIC_SPI_CS
MAGIC_SPI_CLK
MAGIC_DX
R528 0.000
LIFE_CE
C552DNP 47pF
GND
REG_REF_1_875V
2.775V_RX
(for sleep mode tests)
C524 22pF
GND
SCANEN
TM
VSOUT
E2

AOC_DRIVE
DET_AOC
DET_REF

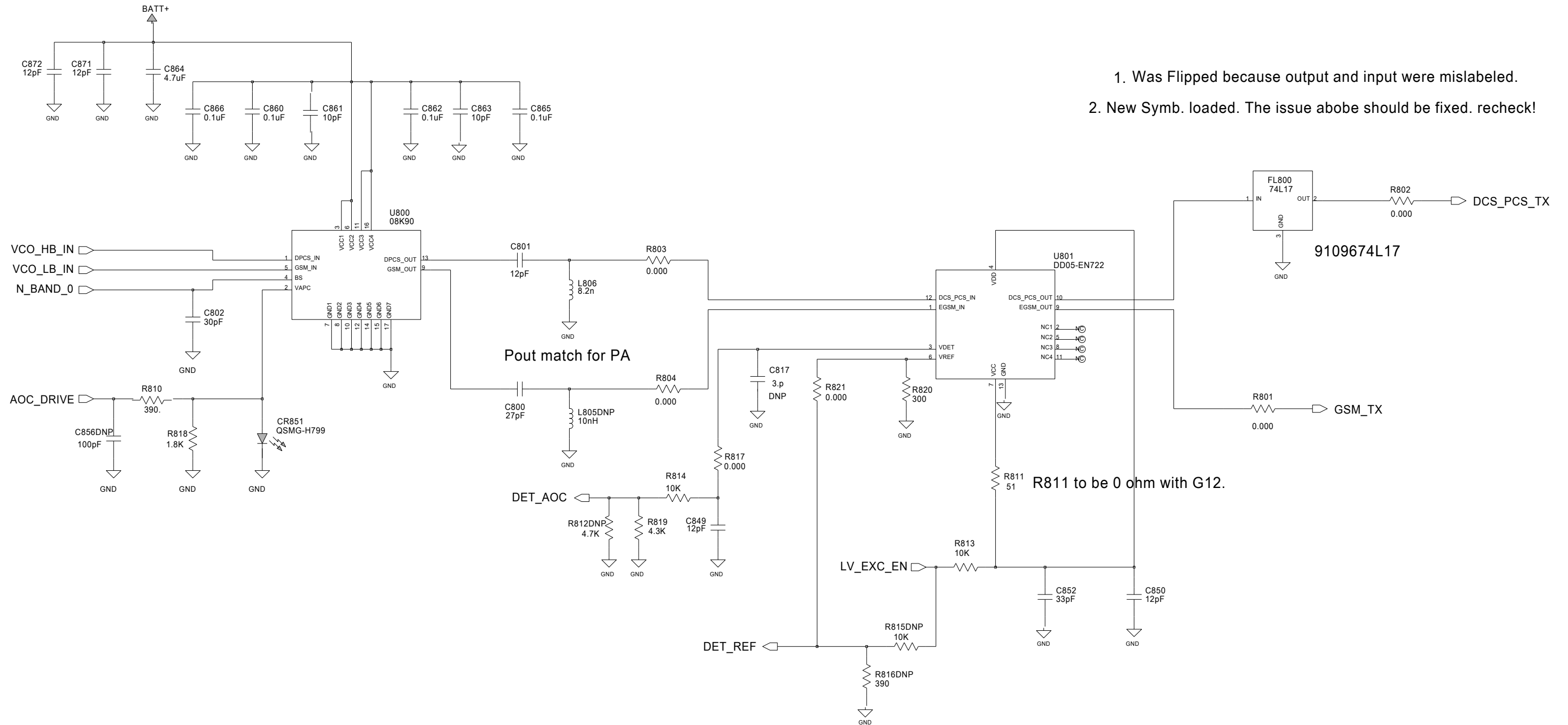
Ext LV 2.5V Regulator

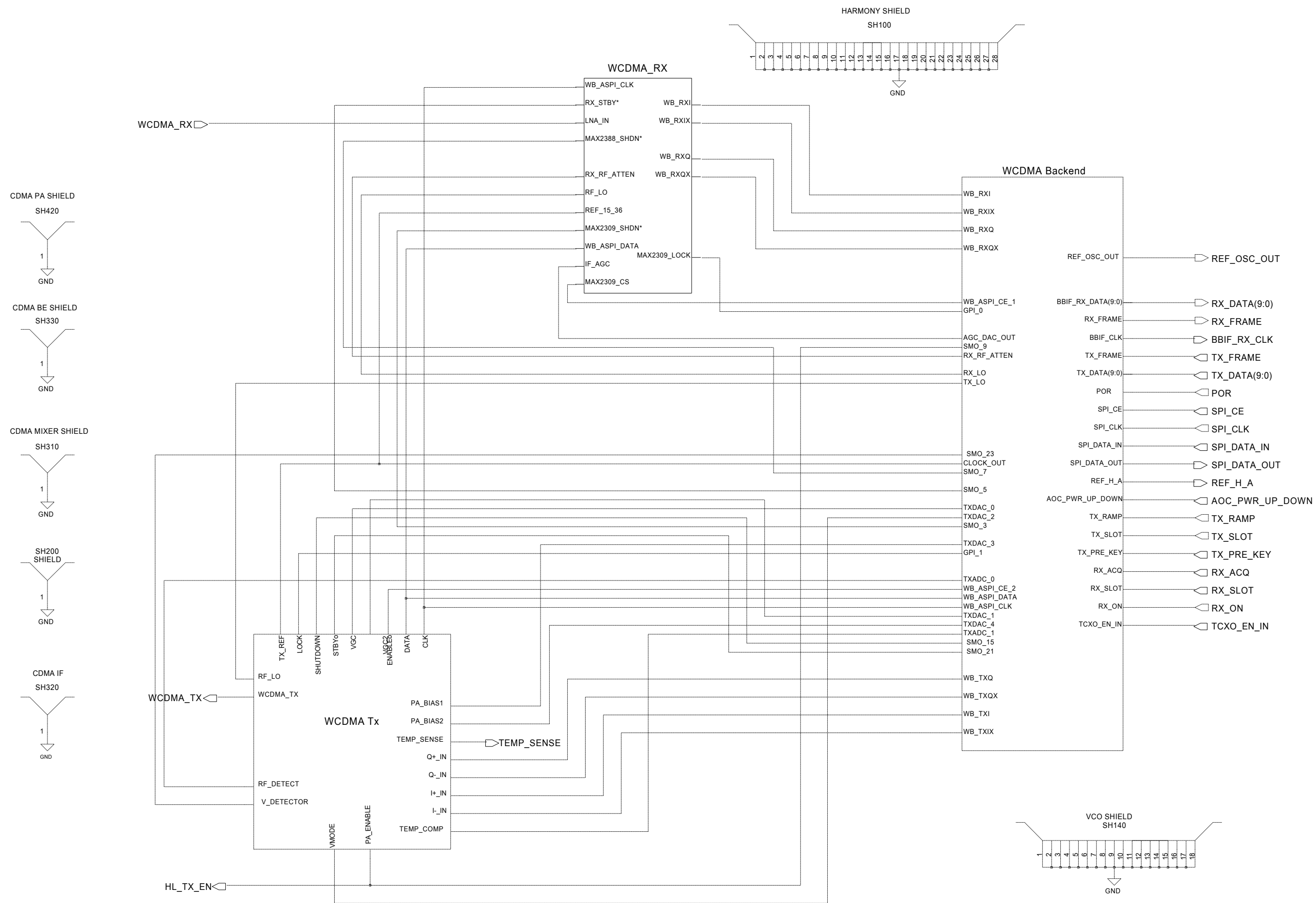


LIFE IC
REF # 600-649

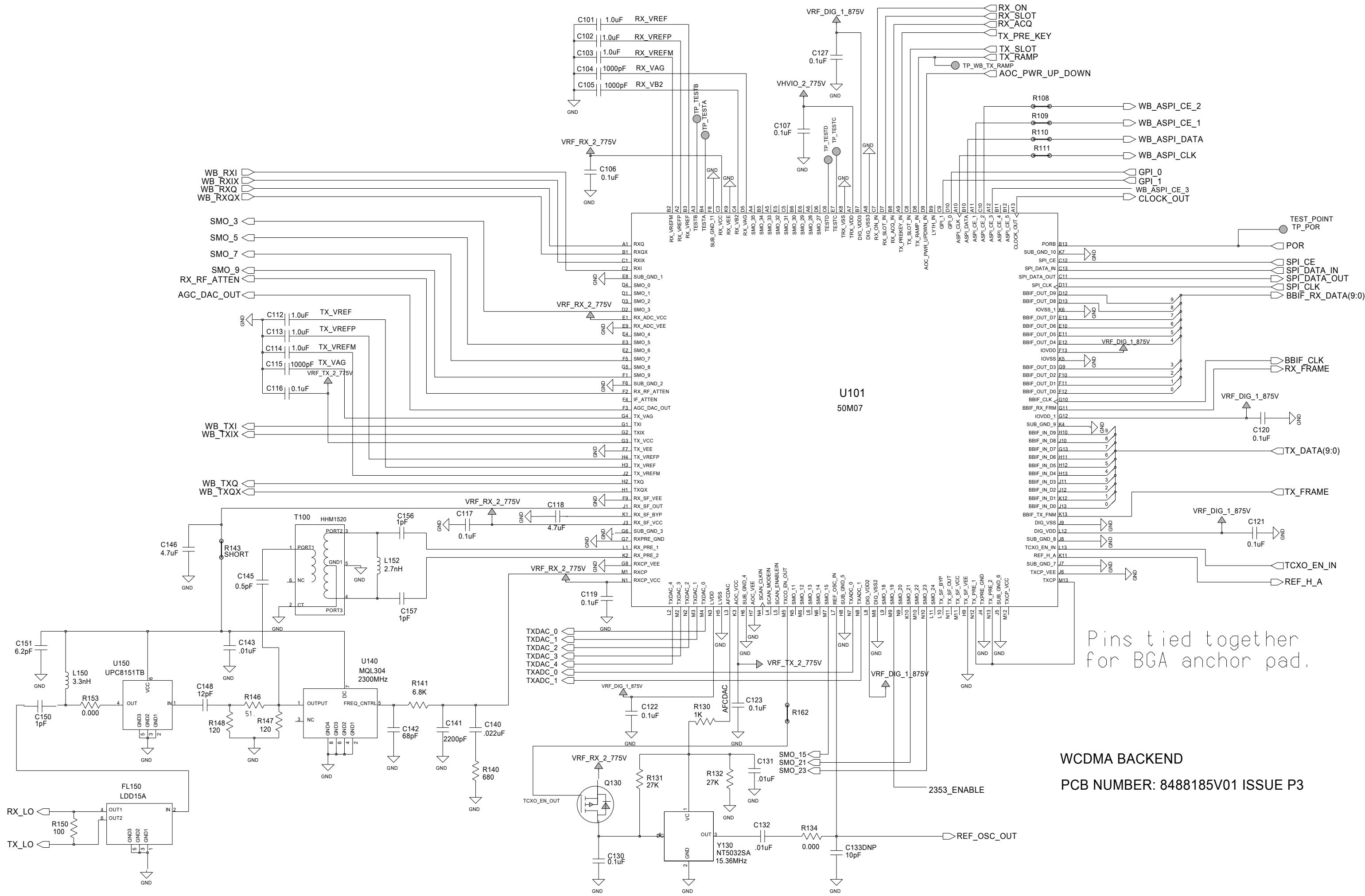


GSM TRANSMITTER

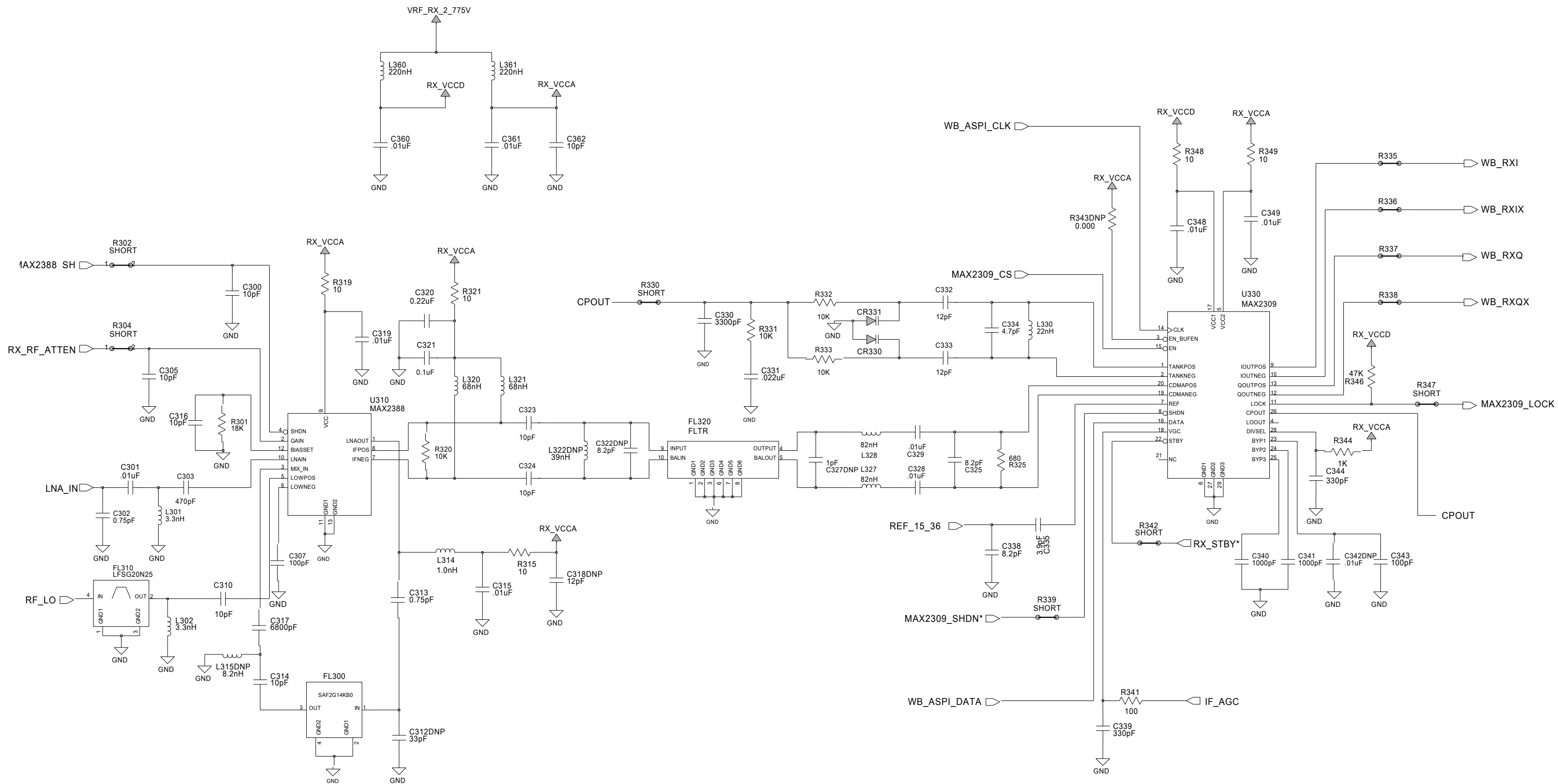


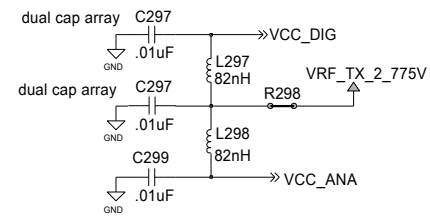


WCDMA TOP
PCB NUMBER: 8488185V01 ISSUE P3

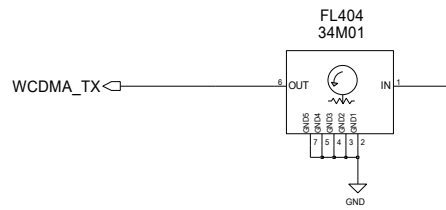


WCDMA BACKEND
 PCB NUMBER: 8488185V01 ISSUE P3

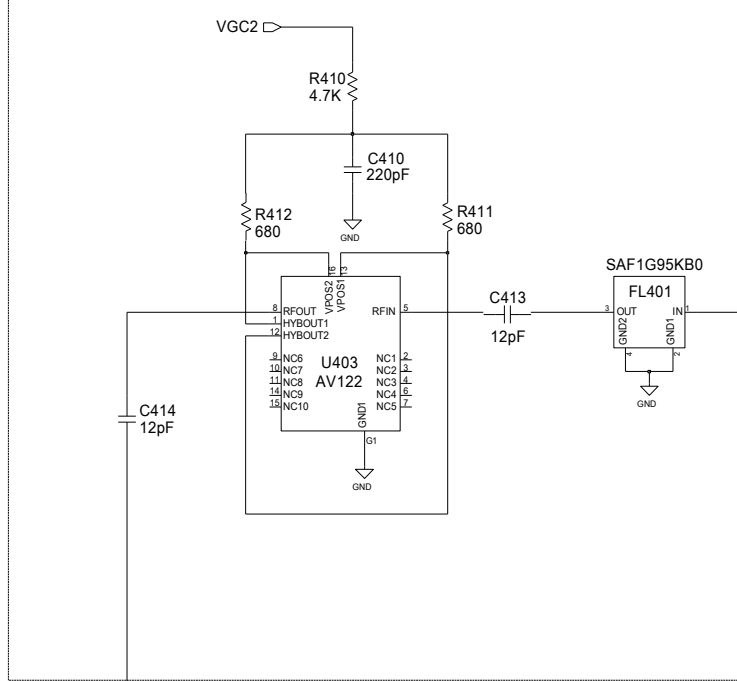




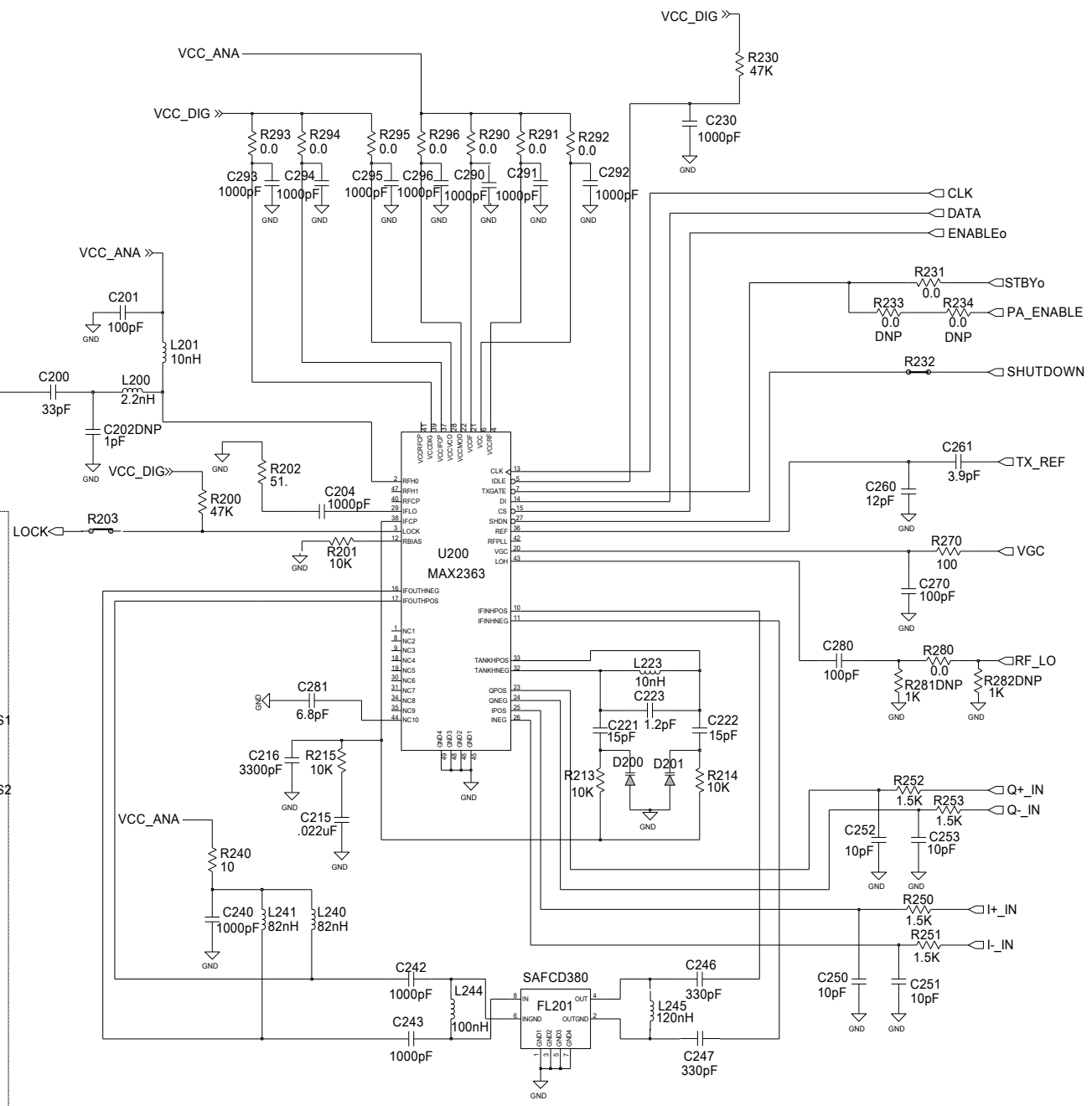
WCDMA Transmitter



Attenuator and interstage filter 410 - 414

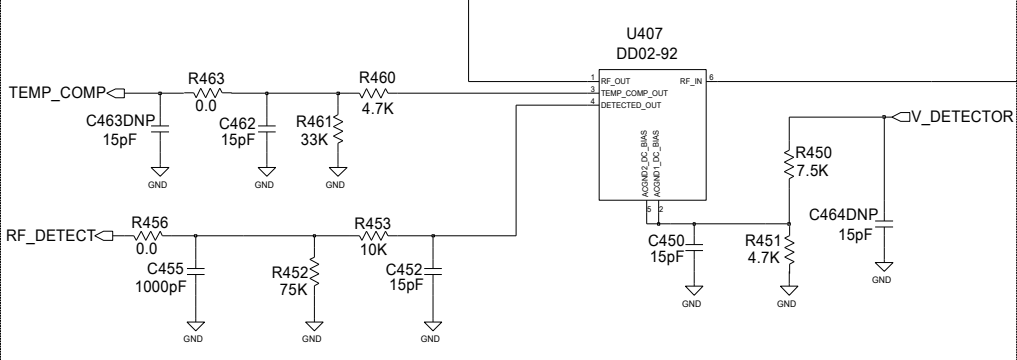


Quadrature modulator and upmixer 200-299



WCDMA_Tx
PCB NUMBER: 8488185V01 ISSUE P3

Power Detector 450 - 463



Power Amplifier 420 - 449

