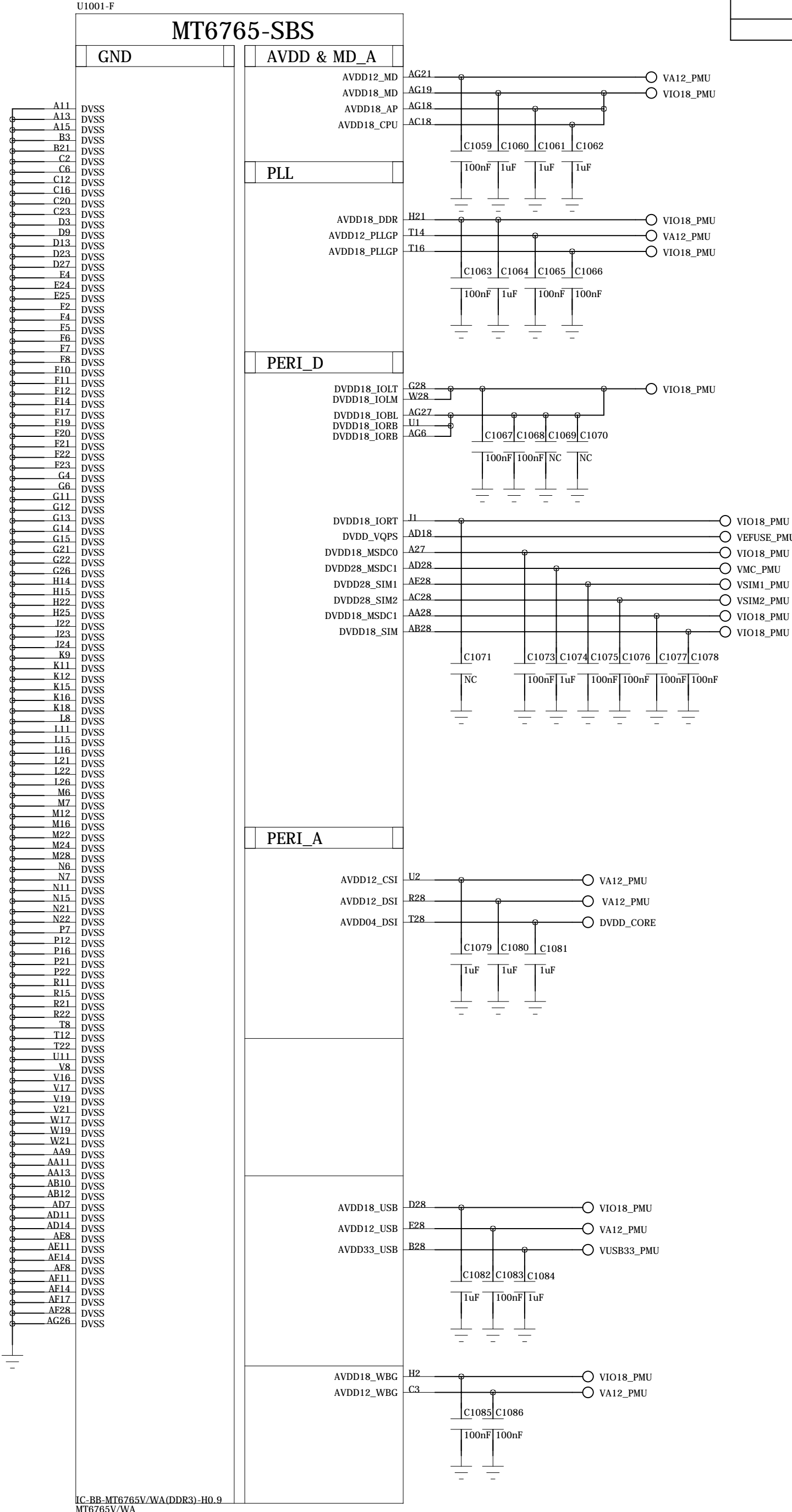
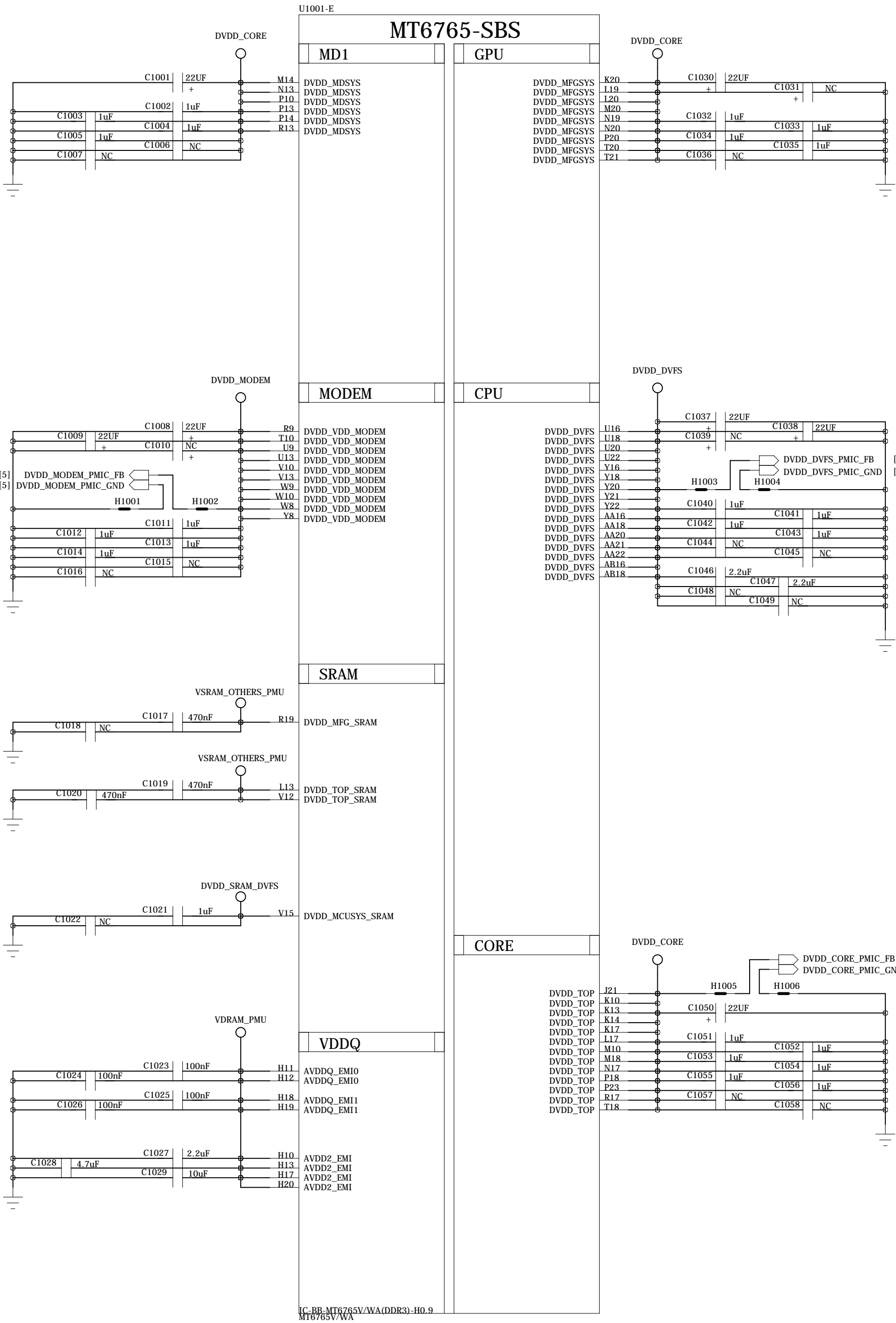


BB\_POWER

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:



SH1001

SH1002

SH1003

SH1004

SH1005

TL301

MARK301  
1

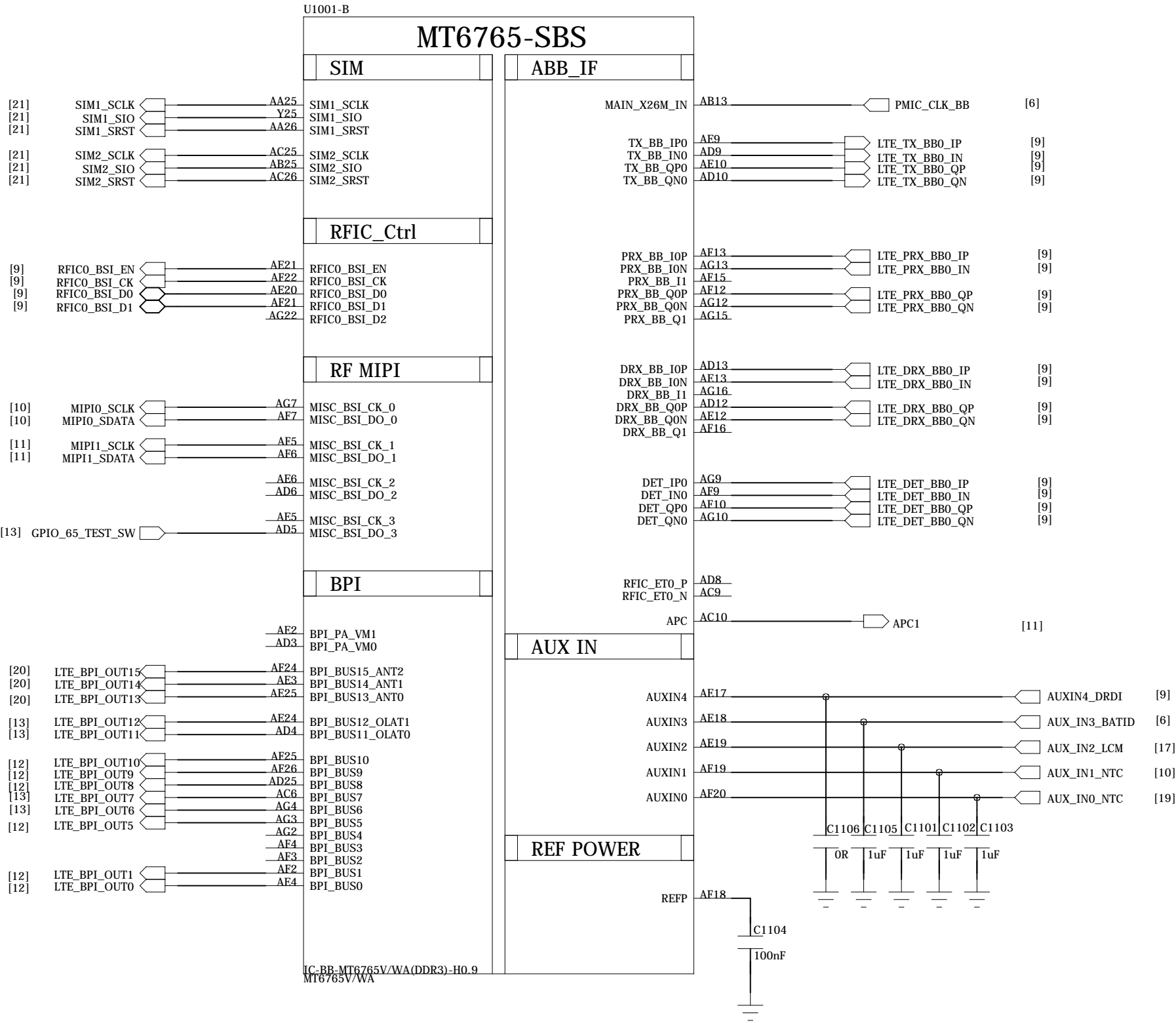
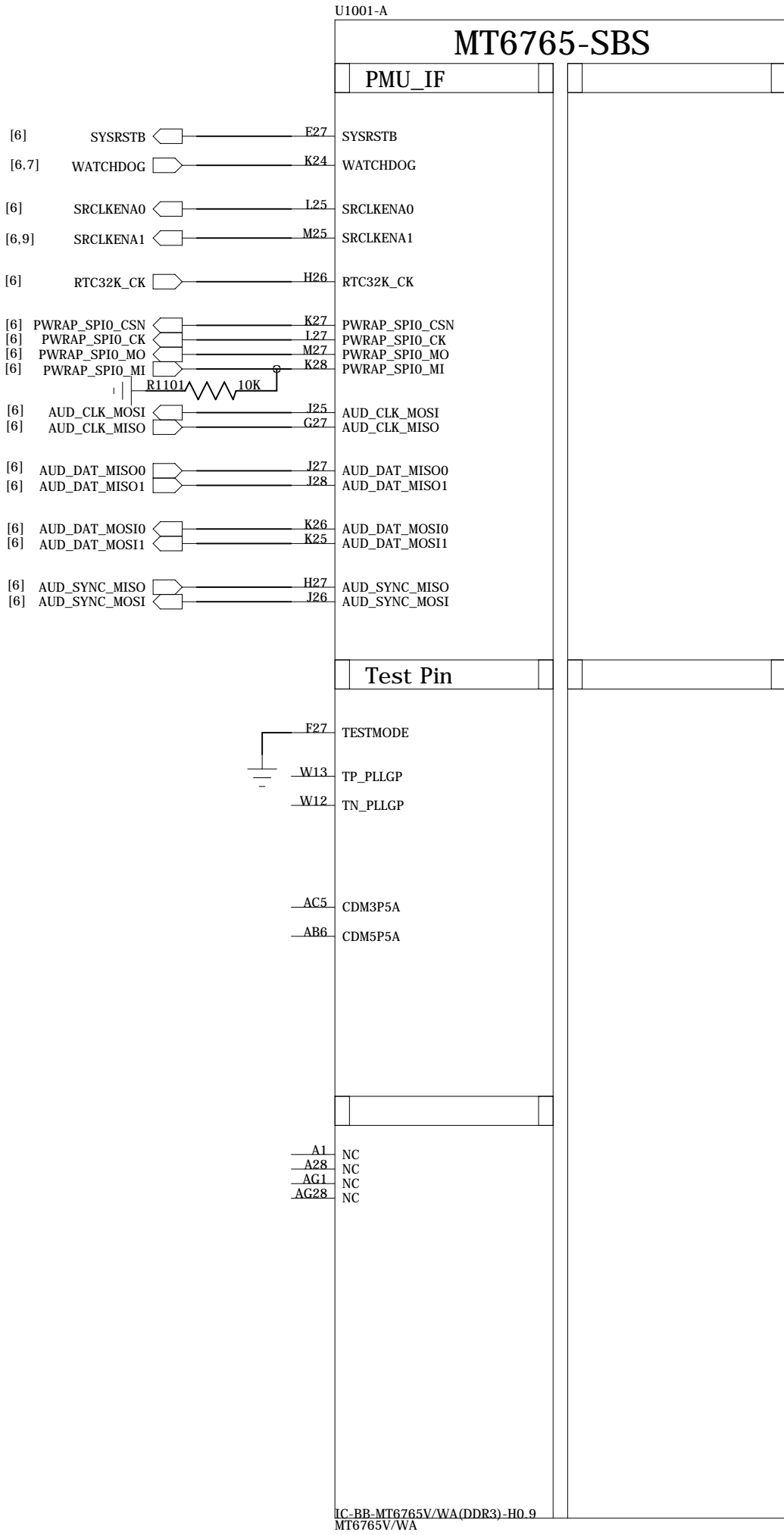
MARK302  
1

WPL301

TRANSSION-3.5H

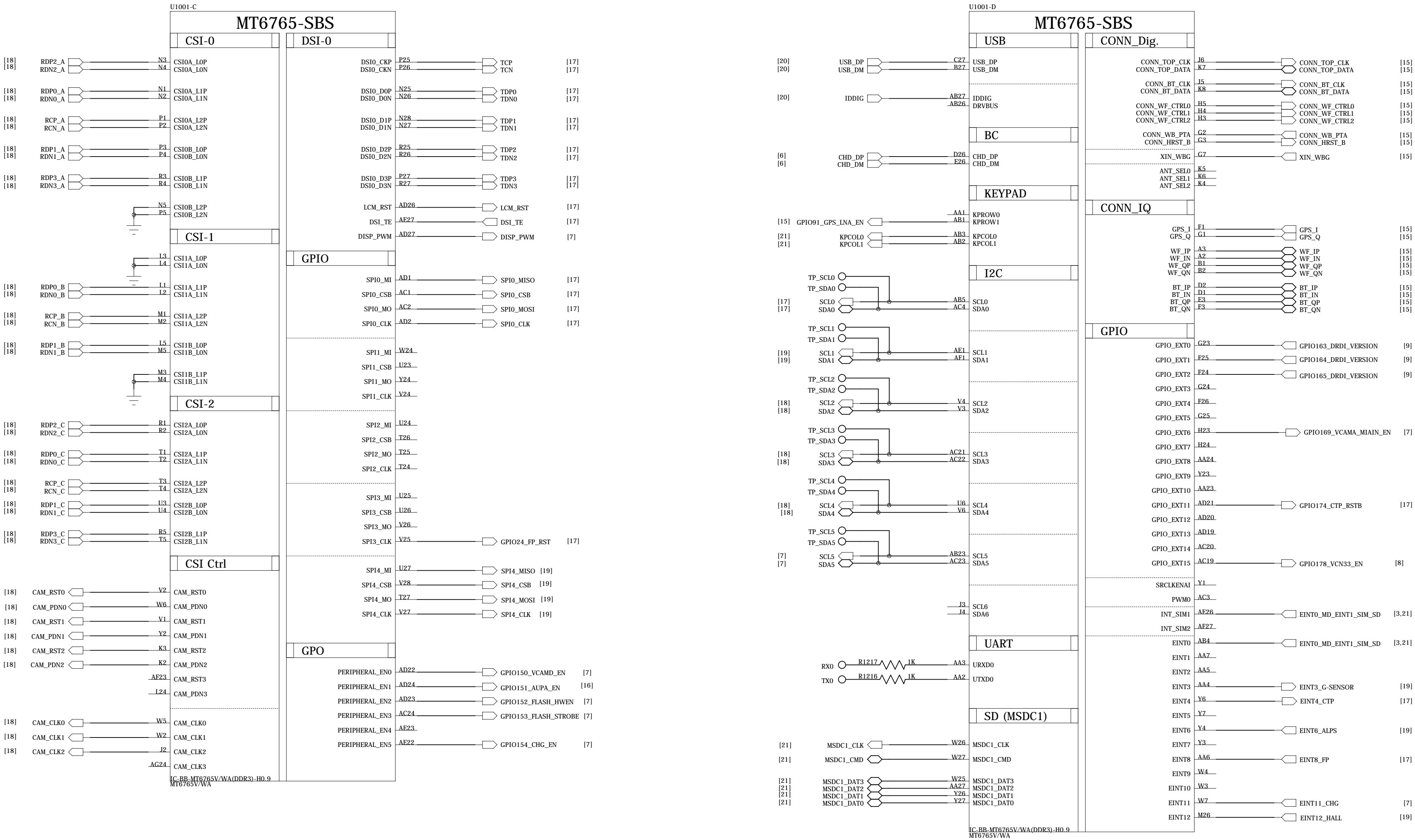
COMPANY: TRANSSION HOLDINGS				MODEL: H612		Modified Date: 2018/6/1	
DRAWN	SYJ	DATED	20180207	TITLE: 10_BB_POWER		VERSION: V1.0	
CHECKED	<CHECKED>	DATED	< >	Confidentiality	CONFIDENTIAL	SHEET: 1 OF 21	

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:



COMPANY: TRANSSION HOLDINGS				MODEL:           H612		Modified Date:     2018/6/1	
DRAWN	SYJ	DATED	20180207	TITLE:            11_BB_I		VERSION: V1.0	SHEET: 2   OF   21
CHECKED	<CHECKED>	DATED	<   >	Confidentiality	CONFIDENTIAL		

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:



U1001-D

MT6765-SBS

USB

CONN\_Dig.

BC

KEYPAD

I2C

GPIO

UART

SD (MSDC1)

CONN\_TOP\_CLK

CONN\_TOP\_DATA

CONN\_BT\_CLK

CONN\_BT\_DATA

CONN\_WF\_CTRL0

CONN\_WF\_CTRL1

CONN\_WF\_CTRL2

CONN\_WB\_PTA

CONN\_HRST\_B

XIN\_WBG

ANT\_SELO

ANT\_SEL1

ANT\_SEL2

GPS\_I

GPS\_Q

WF\_IP

WF\_IN

WF\_QP

WF\_QN

BT\_IP

BT\_IN

BT\_QP

BT\_QN

GPIO163\_DRDL\_VERSION

GPIO164\_DRDL\_VERSION

GPIO165\_DRDL\_VERSION

GPIO169\_VCAMA\_MIAIN\_EN

GPIO174\_CTP\_RSTB

GPIO178\_VCN33\_EN

EINT0\_MD\_EINT1\_SIM\_SD

EINT0\_MD\_EINT1\_SIM\_SD

EINT3\_G-SENSOR

EINT4\_CTP

EINT6\_ALPS

EINT8\_FP

EINT11\_CHG

EINT12\_HALL

USB\_DP

USB\_DM

IDDIG

DRVBUS

CHD\_DP

CHD\_DM

KPCROW0

KPCROW1

KPCOL0

KPCOL1

SCL0

SDA0

SCL1

SDA1

SCL2

SDA2

SCL3

SDA3

SCL4

SDA4

SCL5

SDA5

SCL6

SDA6

URXD0

UTXD0

MSDC1\_CLK

MSDC1\_CMD

MSDC1\_DAT3

MSDC1\_DAT2

MSDC1\_DAT1

MSDC1\_DAT0

C27

B27

AB27

AB26

D26

E26

AA1

AB1

AB3

AB2

AB5

AC4

AE1

AE1

V4

V3

AC21

AC22

U16

V6

AB23

AC23

J3

J4

AA3

AA2

W26

W27

W25

AA27

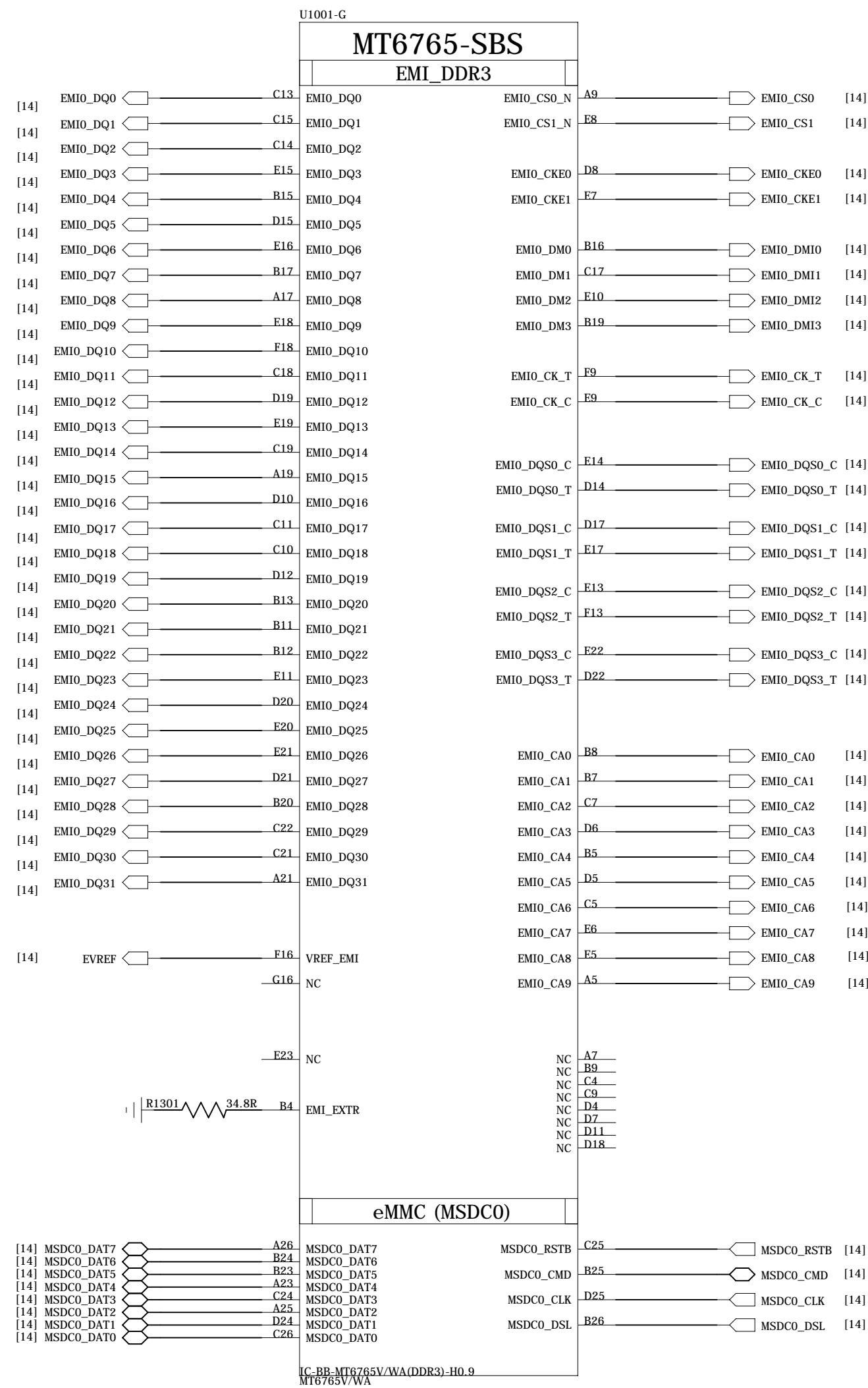
Y26

Y27

IC-BB-MT6765V-WA(DDR3)-H0.9  
MT6765V-WA

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

LPDDR3\_EMI\_IF

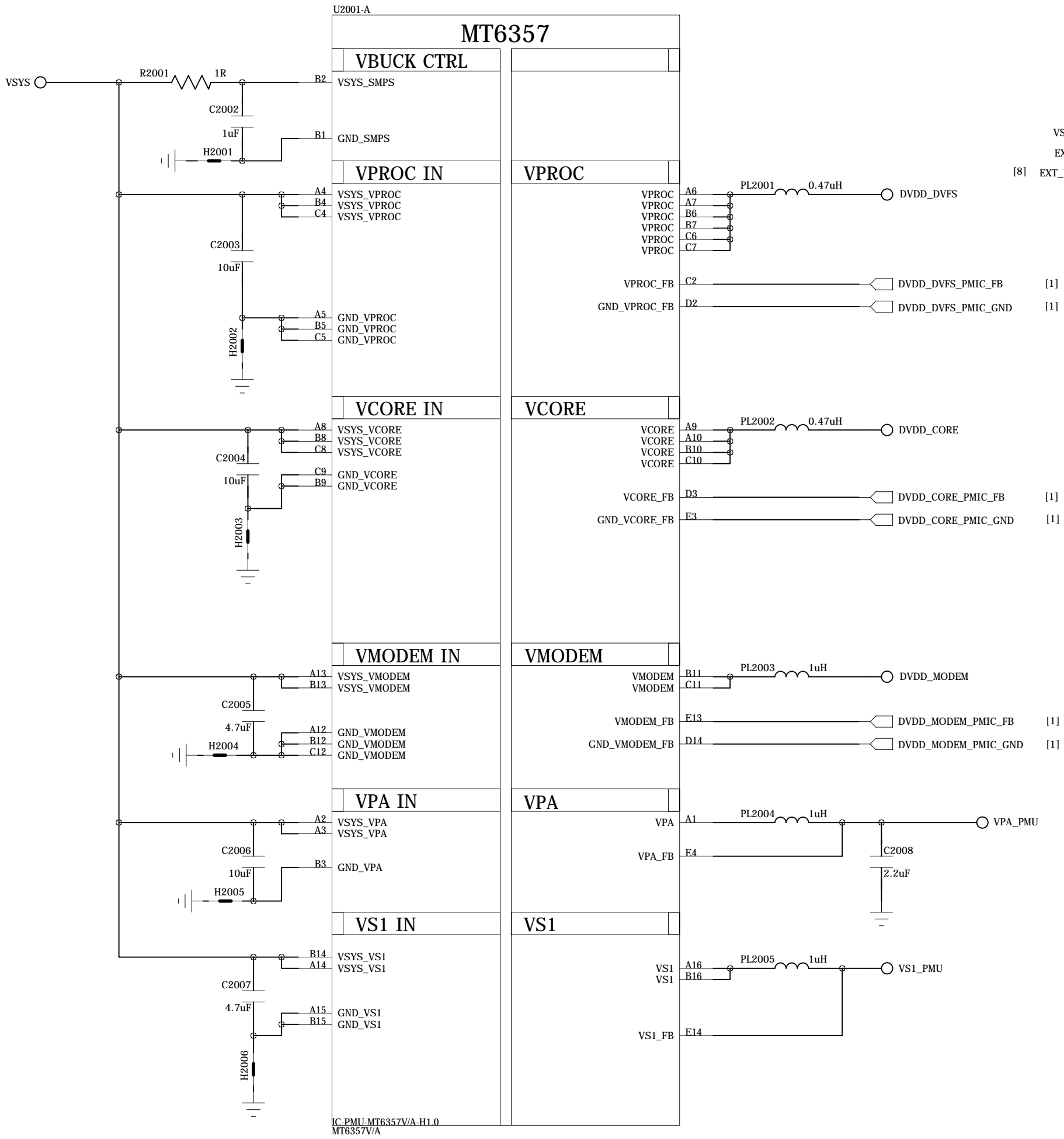


COMPANY: TRANSSION HOLDINGS				MODEL: H612		Modified Date: 2018/6/1	
DRAWN	SYJ	DATED	20180207	TITLE: 13_BB_III		VERSION: V1.0	SHEET: 4 OF 21
CHECKED	<CHECKED>	DATED	< >	Confidentiality	CONFIDENTIAL		

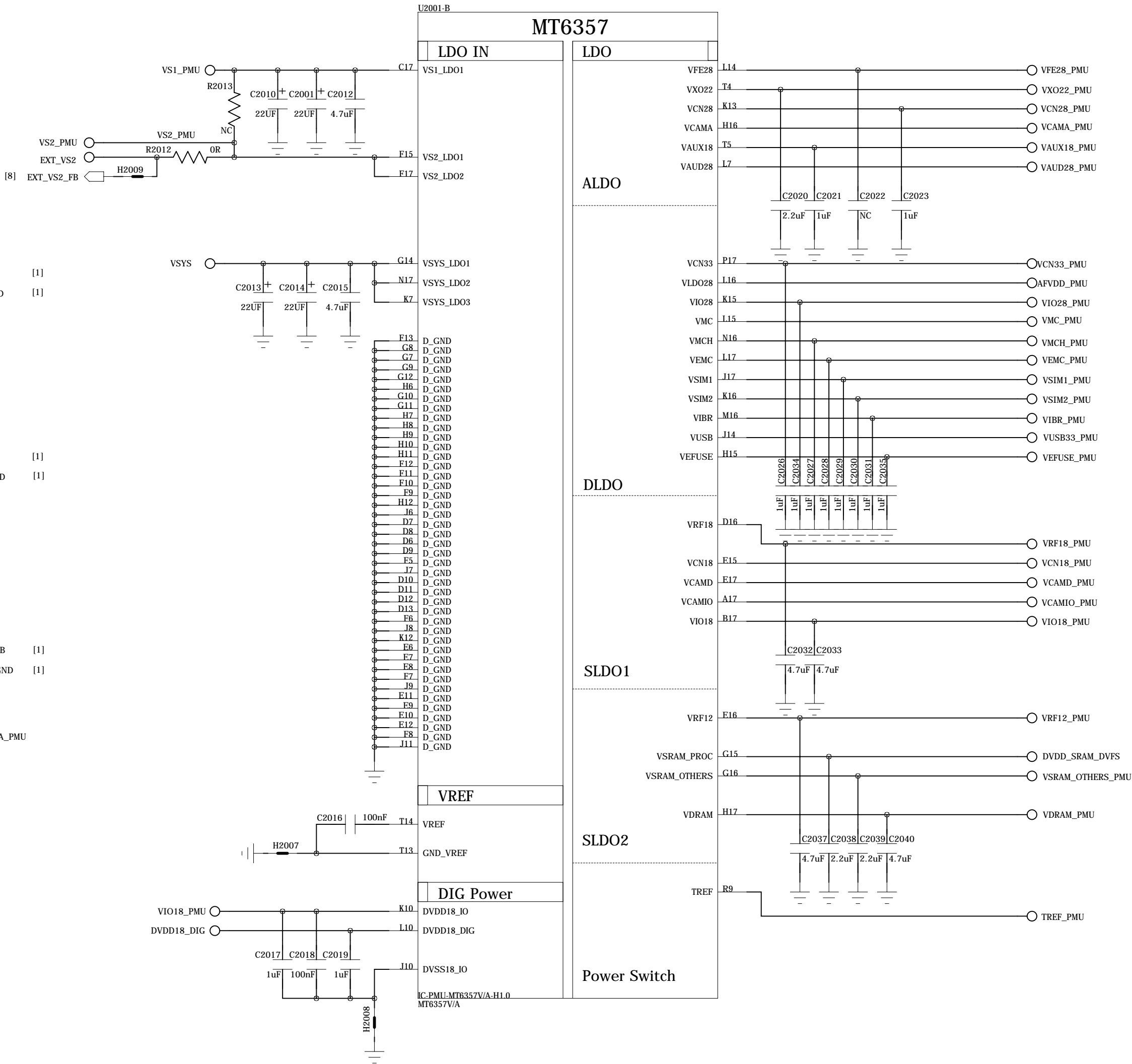
POWER\_MT6357\_I

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

PMU\_BUCK



PMU\_LDO

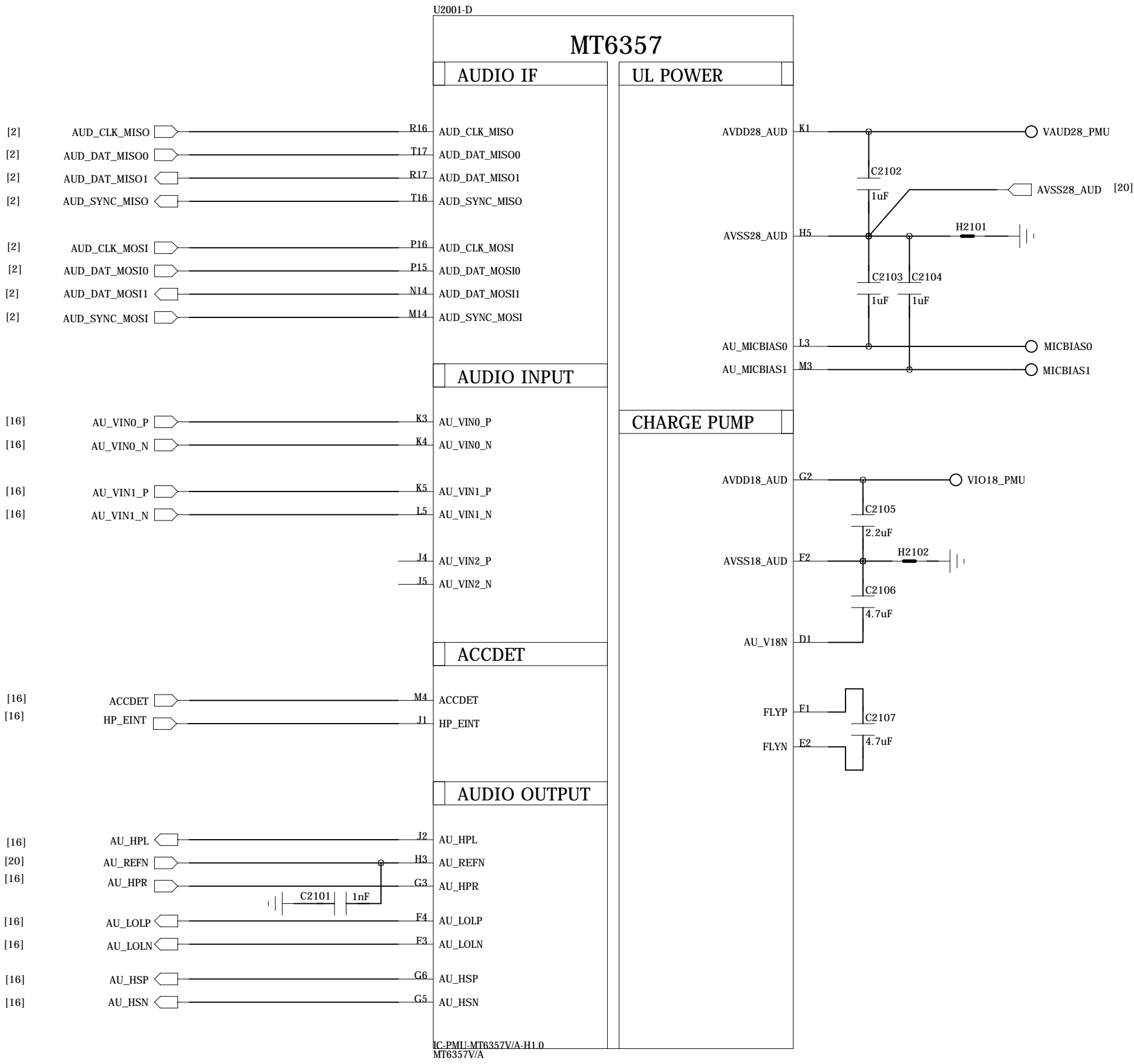


COMPANY: TRANSSION HOLDINGS				MODEL: H612		Modified Date: 2018/6/1	
DRAWN	SYJ	DATED	20180207	TITLE: 20_POWER_MT6357_I		VERSION: V1.0	SHEET: 5 OF 21
CHECKED	<CHECKED>	DATED	< >	Confidentiality	CONFIDENTIAL		

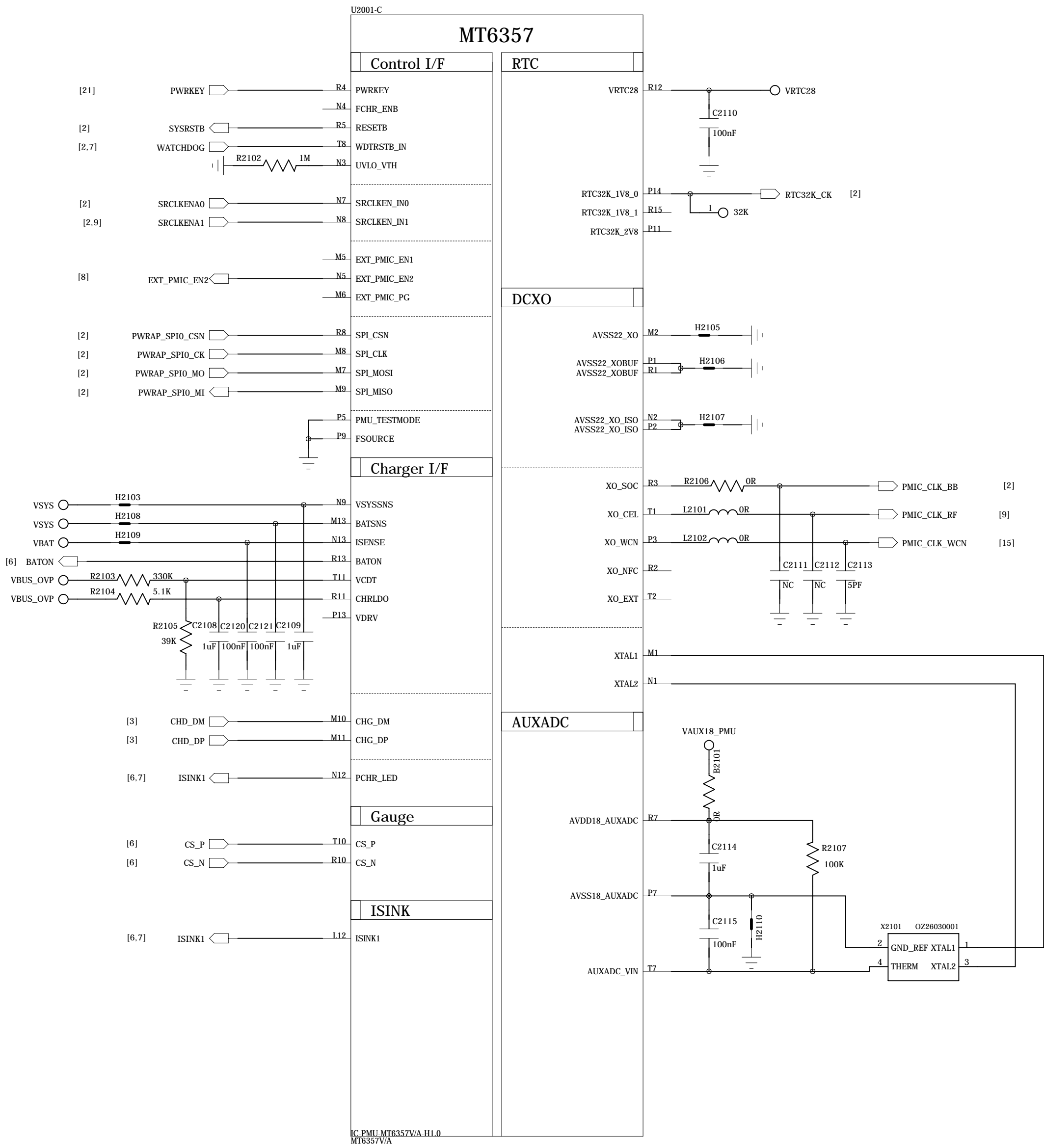
POWER\_MT6357\_II

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

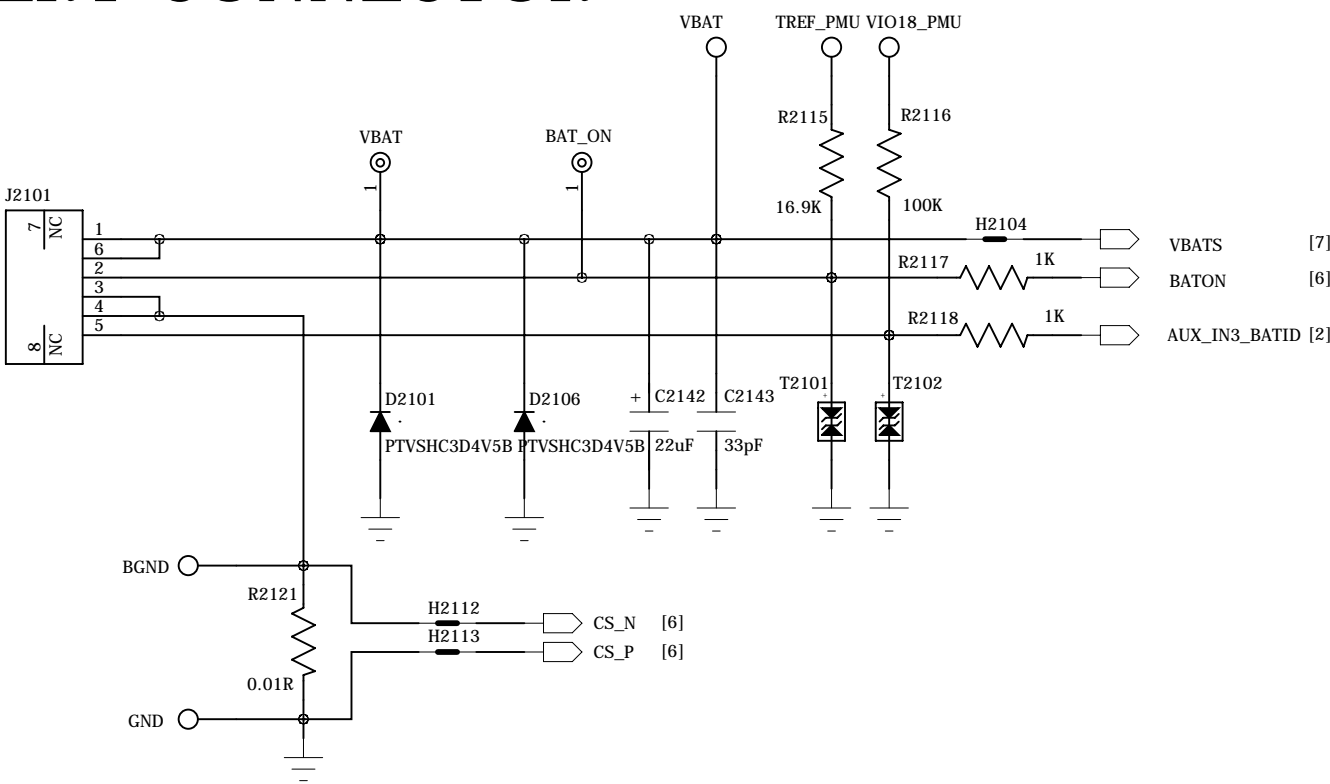
PMU\_AUDIO



PMU\_CLK

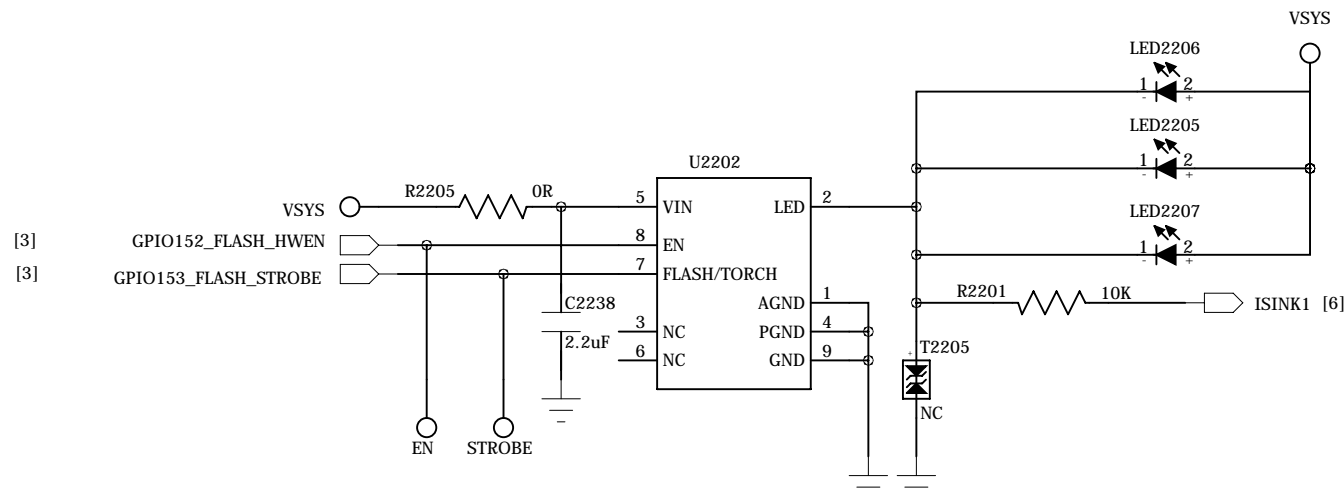


BATTERY CONNECTOR

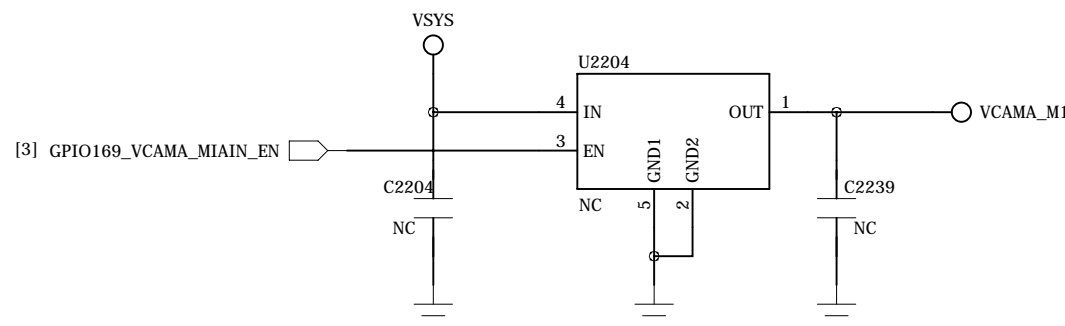


COMPANY: TRANSSION HOLDINGS				MODEL: H612		Modified Date: 2018/6/1	
DRAWN	SYJ	DATED	20180207	TITLE: 21_POWER_MT6357_II		VERSION: V1.0	SHEET: 6 OF 21
CHECKED	<CHECKED>	DATED	< >	Confidentiality	CONFIDENTIAL		

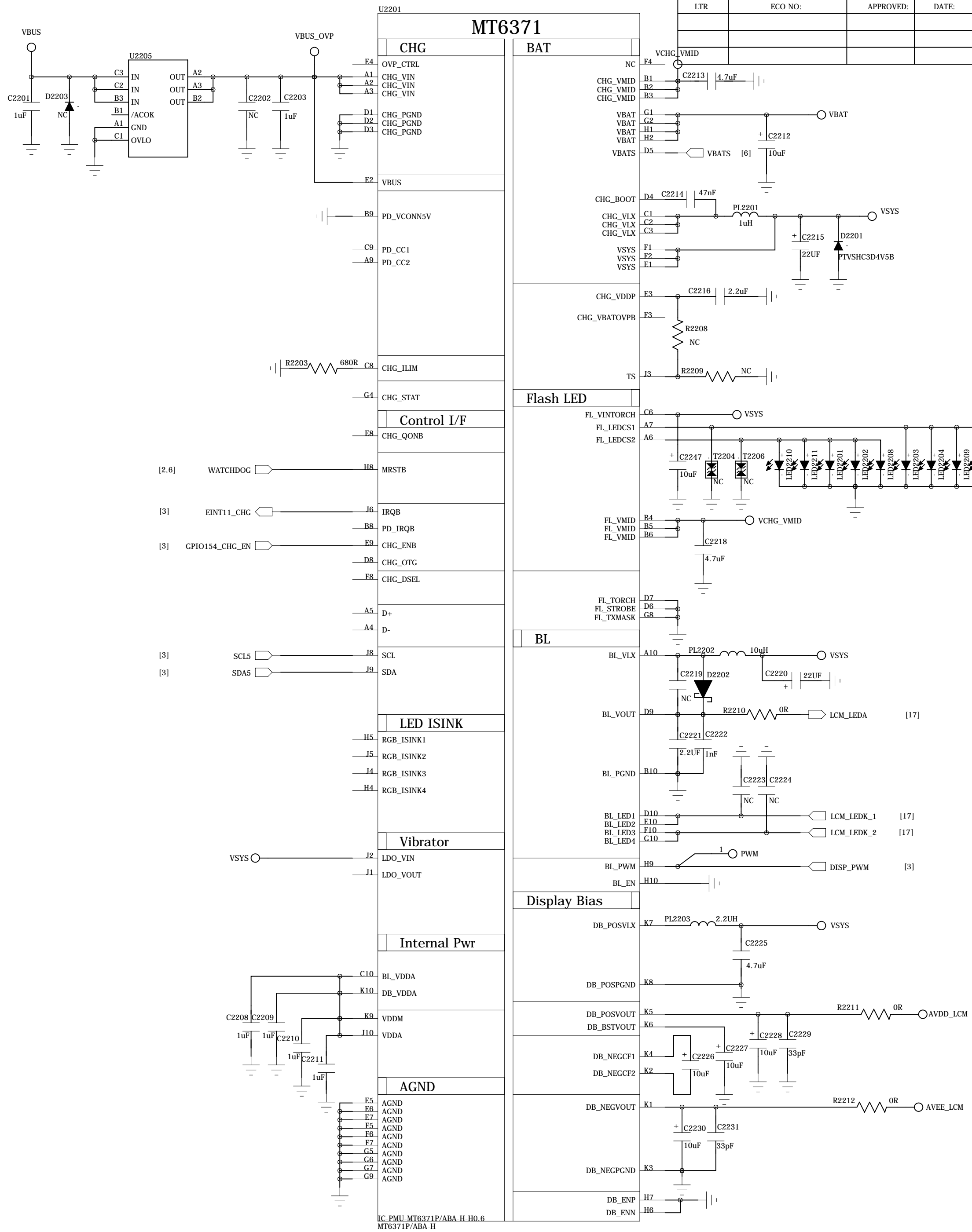
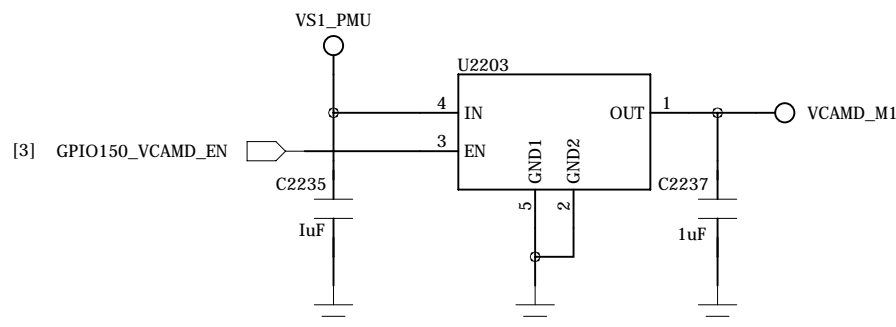
POWER\_THIRD-PARTY\_I  
FRONT CAMERA FLASH LED



## VCAMA\_MAIN\_1 (2.8V)



## VCAMD\_SUB (1.2V)

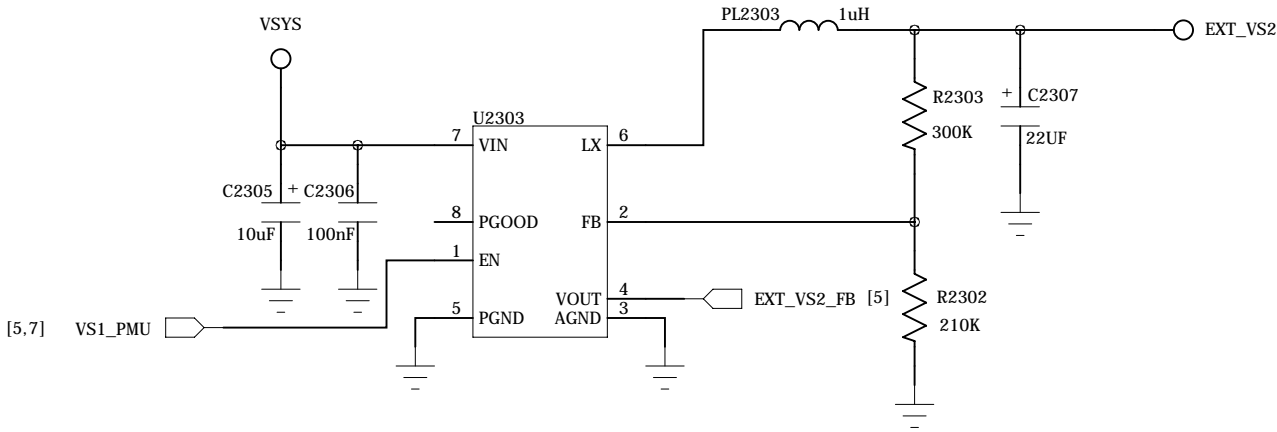


COMPANY: TRANSSION HOLDINGS				MODEL: H612		Modified Date: 2018/6/1	
DRAWN	SYJ	DATED	20180207	TITLE: 22_POWER_THIRD-PARTY_I		VERSION: V1.0	SHEET: 7 OF 21
CHECKED	<CHECKED>	DATED	< >	Confidentiality	CONFIDENTIAL		

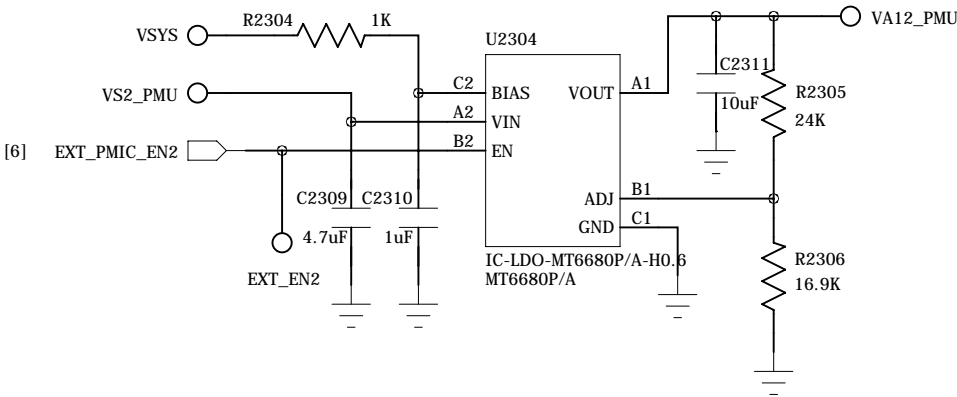
POWER\_THIRD-PARTY\_II

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

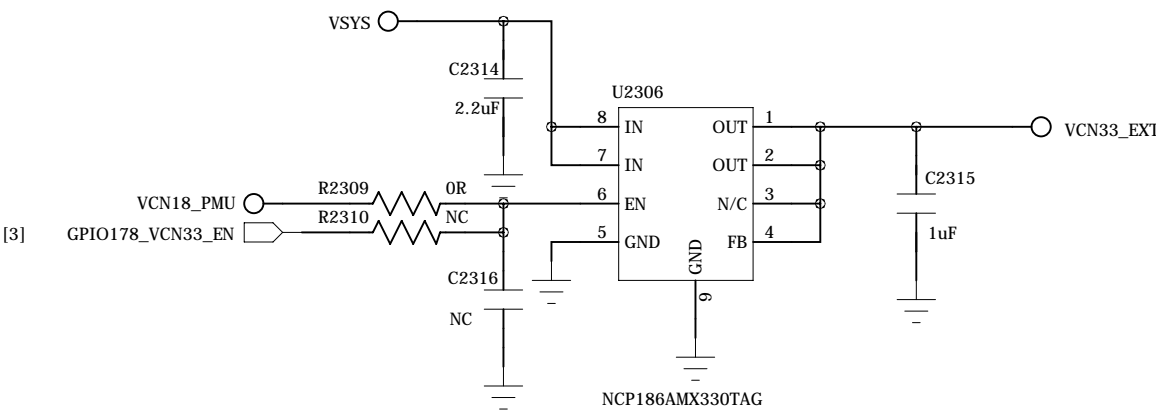
Ext. Bulk for VS2  
For MT6762



LDO 1.2V for VA12



LDO for VCN33

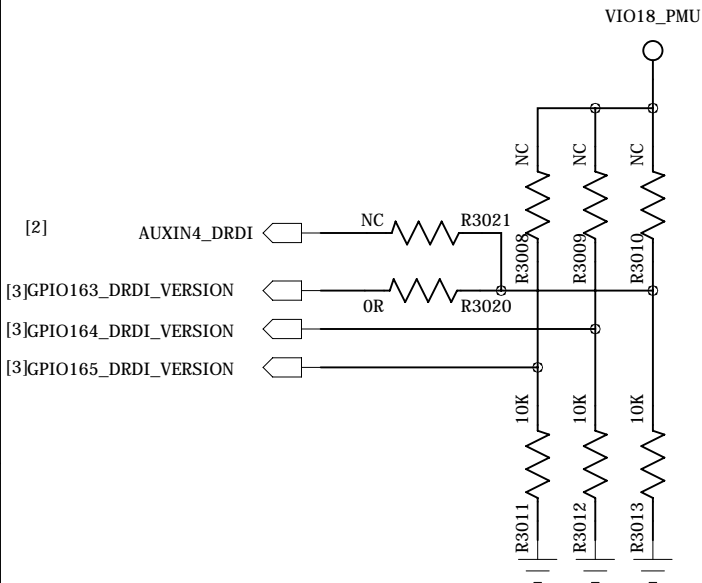
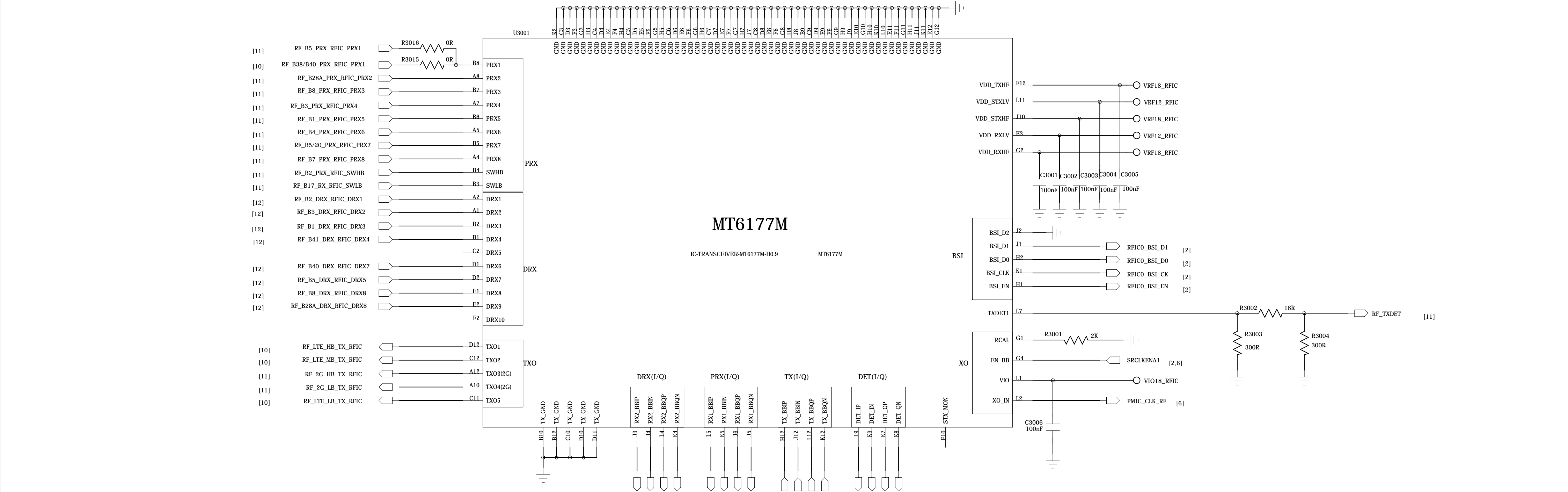


COMPANY: TRANSSION HOLDINGS				MODEL: H612		Modified Date: 2018/6/1	
DRAWN	SYJ	DATED	20180207	TITLE: 23_POWER_THIRD-PARTY_II		VERSION: V1.0	SHEET: 8 OF 21
CHECKED	<CHECKED>	DATED	< >	Confidentiality	CONFIDENTIAL		

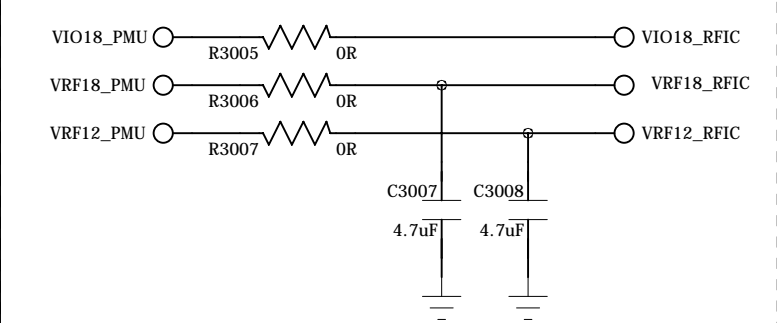


RF\_MT6177M\_PIN\_OUT

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:



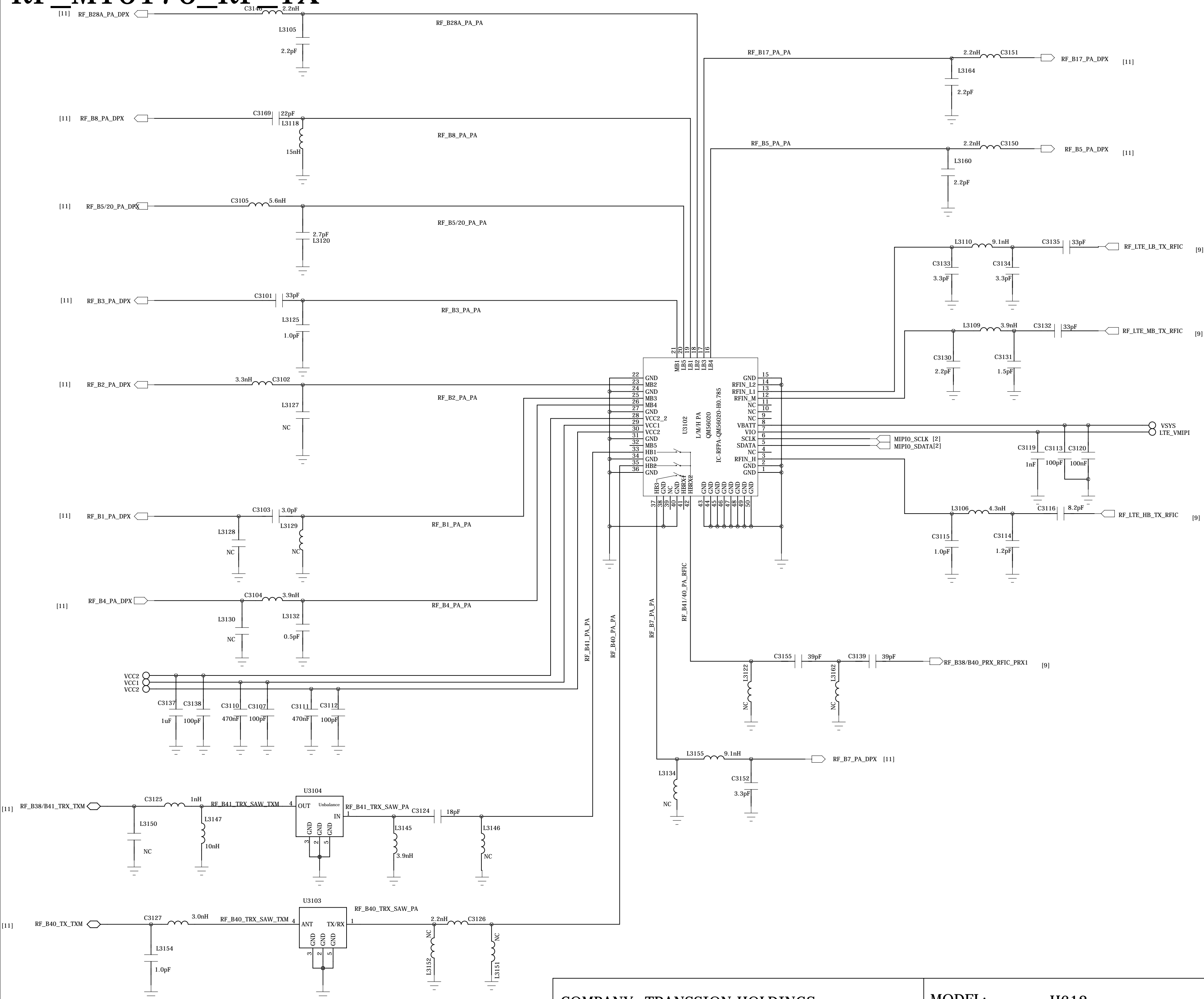
Power domain of MT6177M



COMPANY: TRANSSION HOLDINGS				MODEL: H612		Modified Date: 2018/6/1	
DRAWN	SYJ	DATED	20180207	TITLE: 30_RF_MT6177M_PIN_OUT		VERSION: V1.0	SHEET: 9 OF 21
CHECKED	<CHECKED>	DATED	< >	Confidentiality	CONFIDENTIAL		

## RF\_MT6176\_RF\_TX

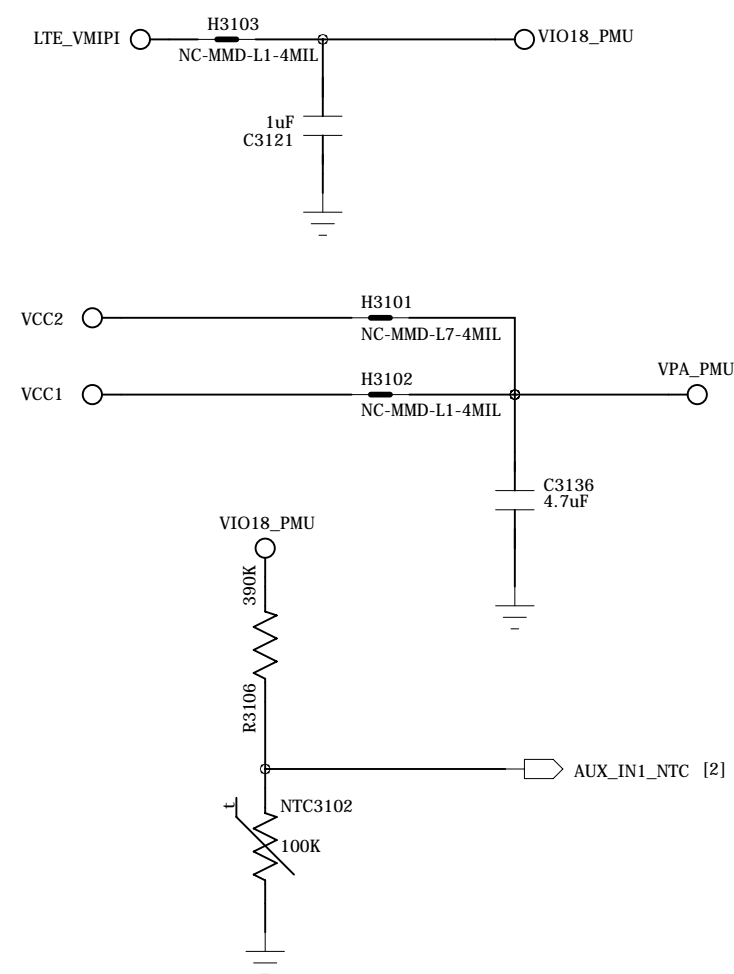
REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:



# 3/4G\_PAIN\_LB

# 3/4G\_PAIN\_MB

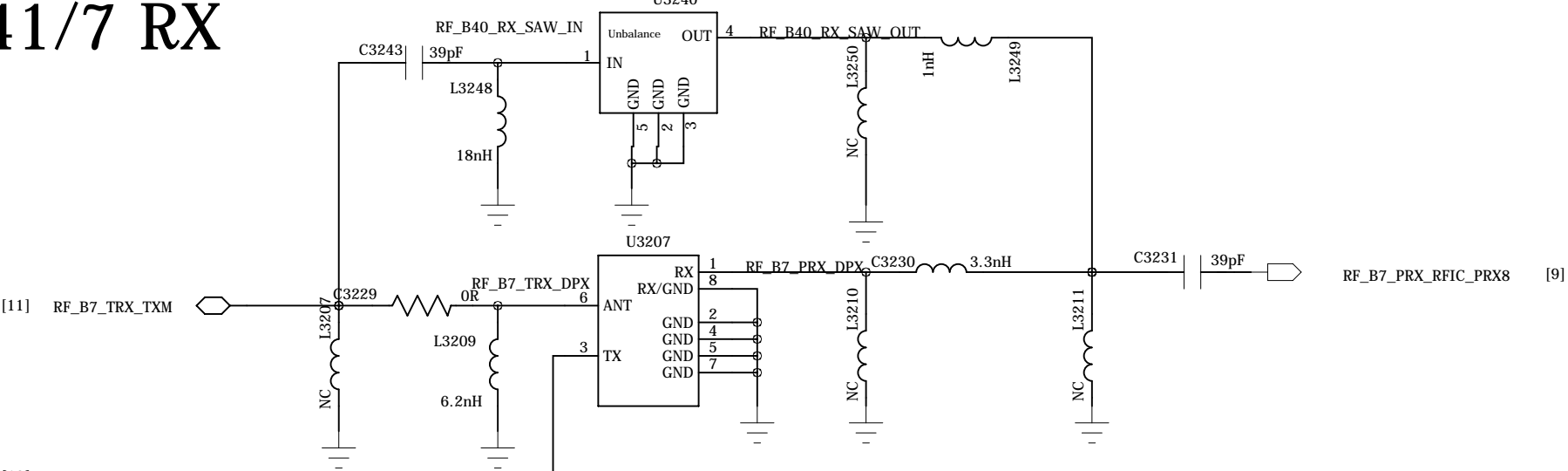
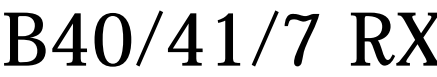
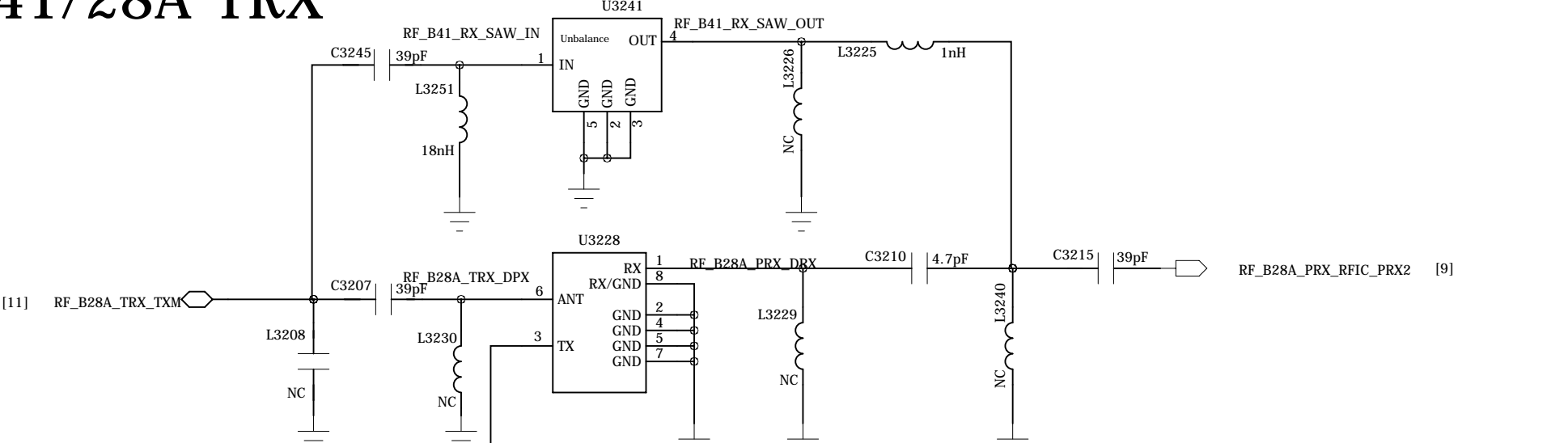
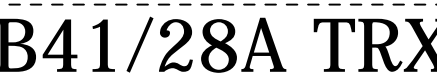
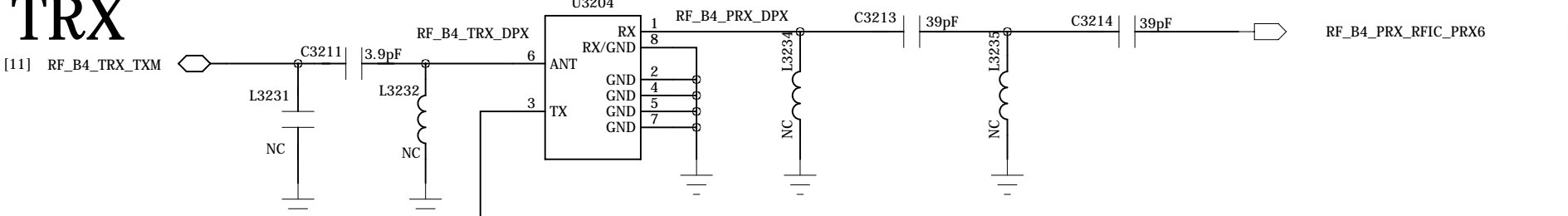
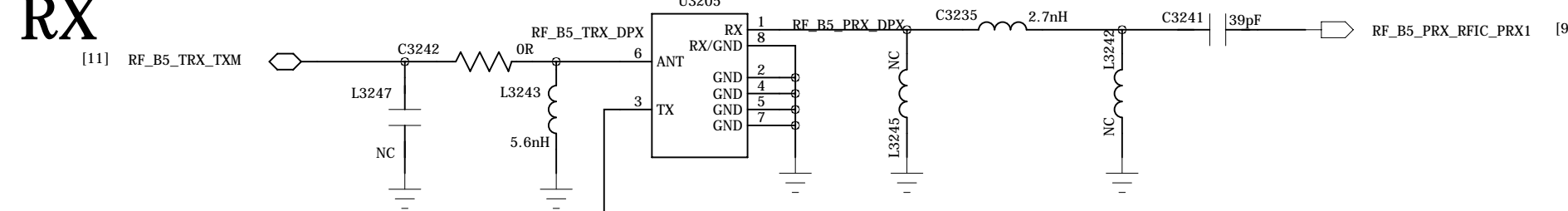
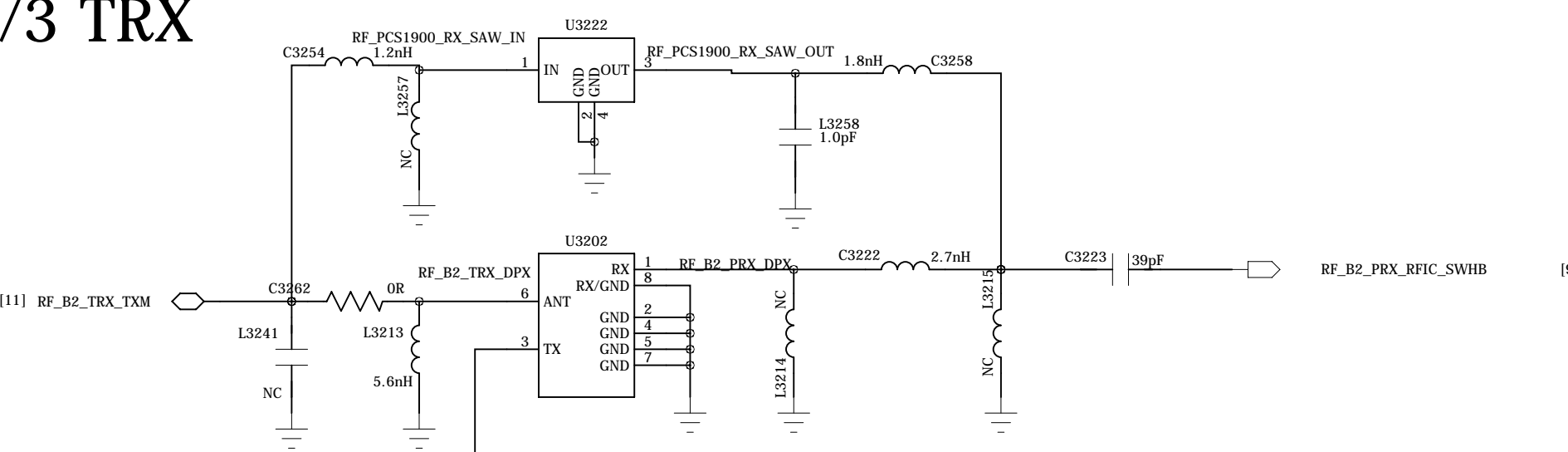
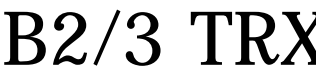
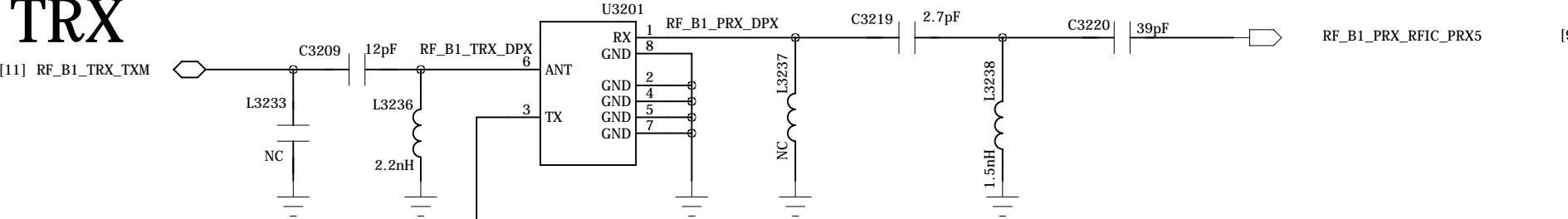
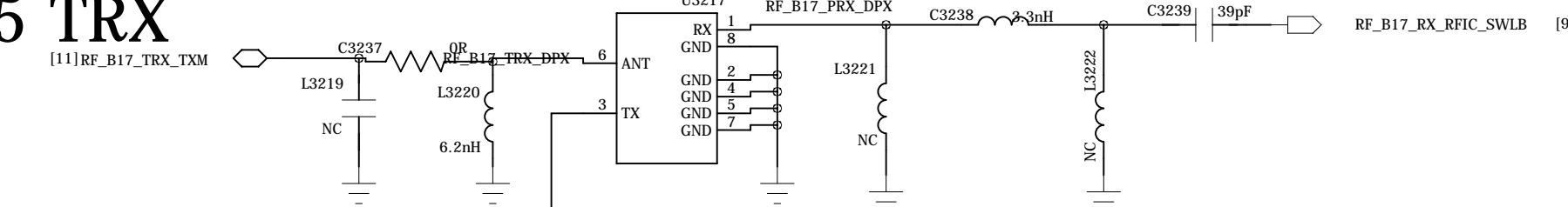
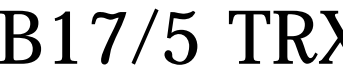
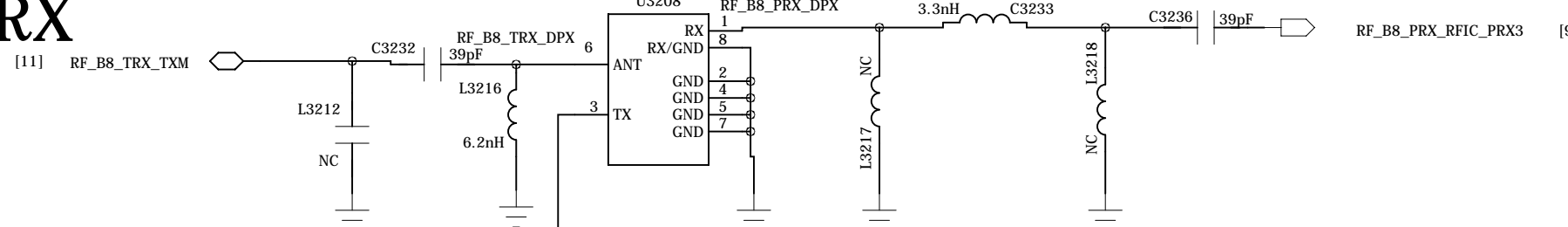
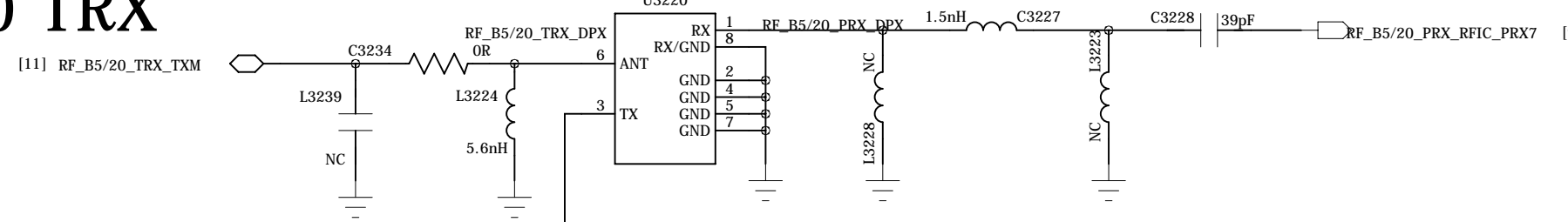
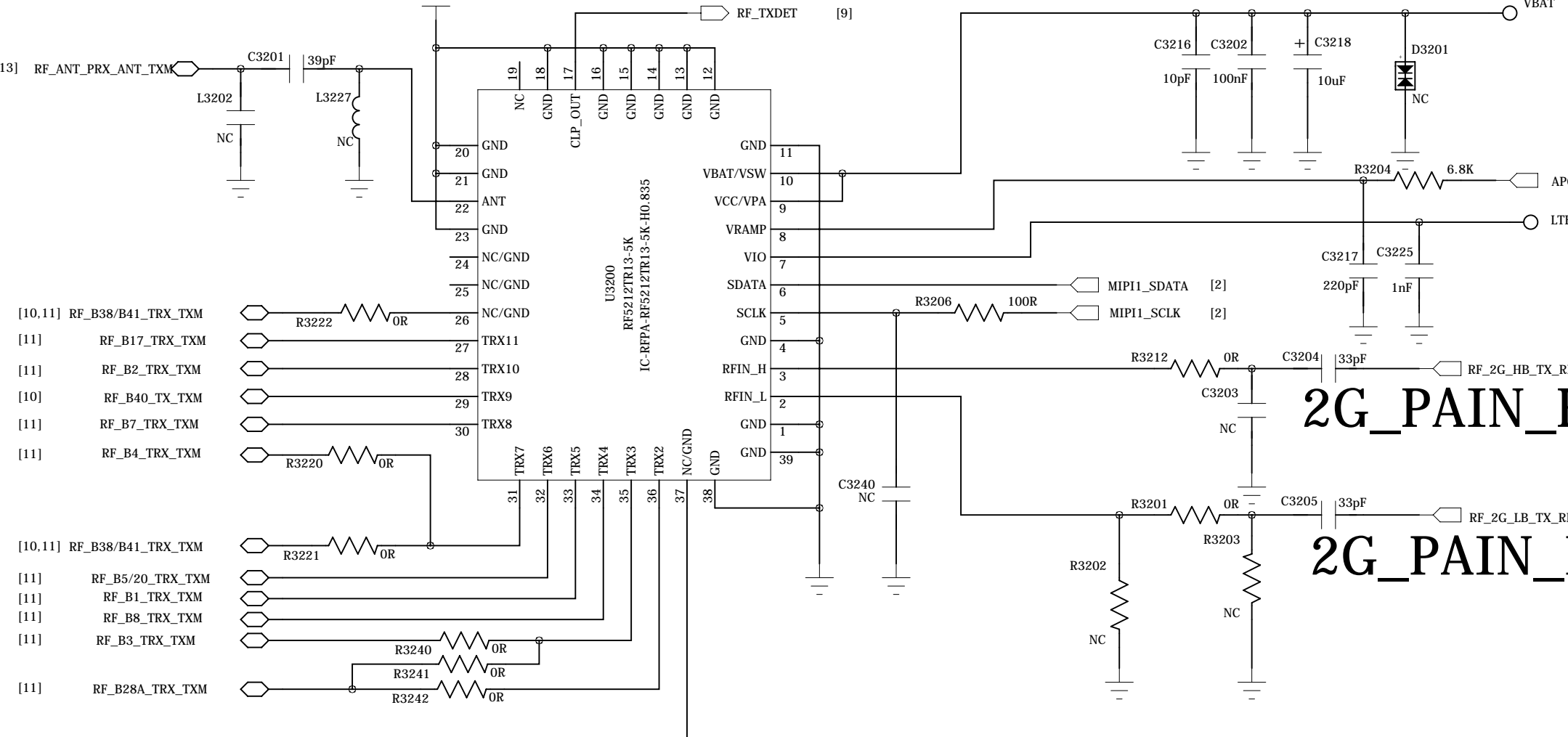
# 3/4G\_PAIN\_HB



COMPANY: TRANSSION HOLDINGS				MODEL: H612		Modified Date: 2018/6/1	
DRAWN	SYJ	DATED	20180207	TITLE: 31_RF_MT6177M_RF_TRX		VERSION: V1.0	SHEET: 10 OF 21
CHECKED	<CHECKED>	DATED	< >	Confidentiality	CONFIDENTIAL		

## RF\_MT6177M\_RF\_PRX

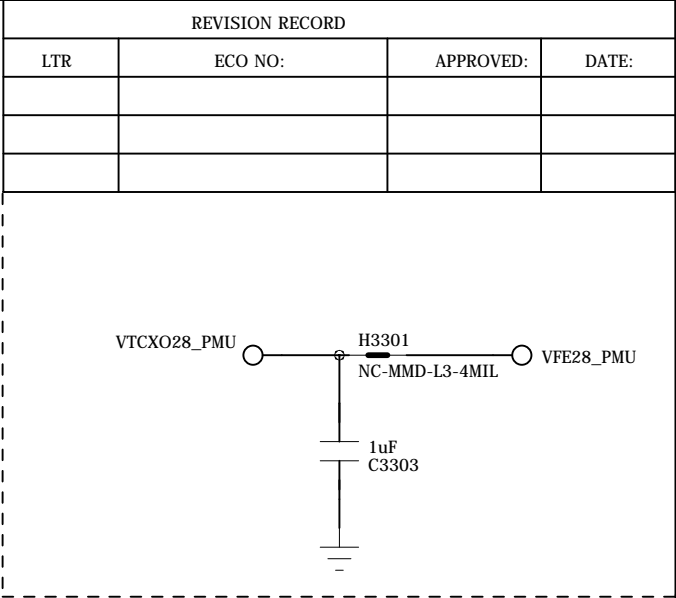
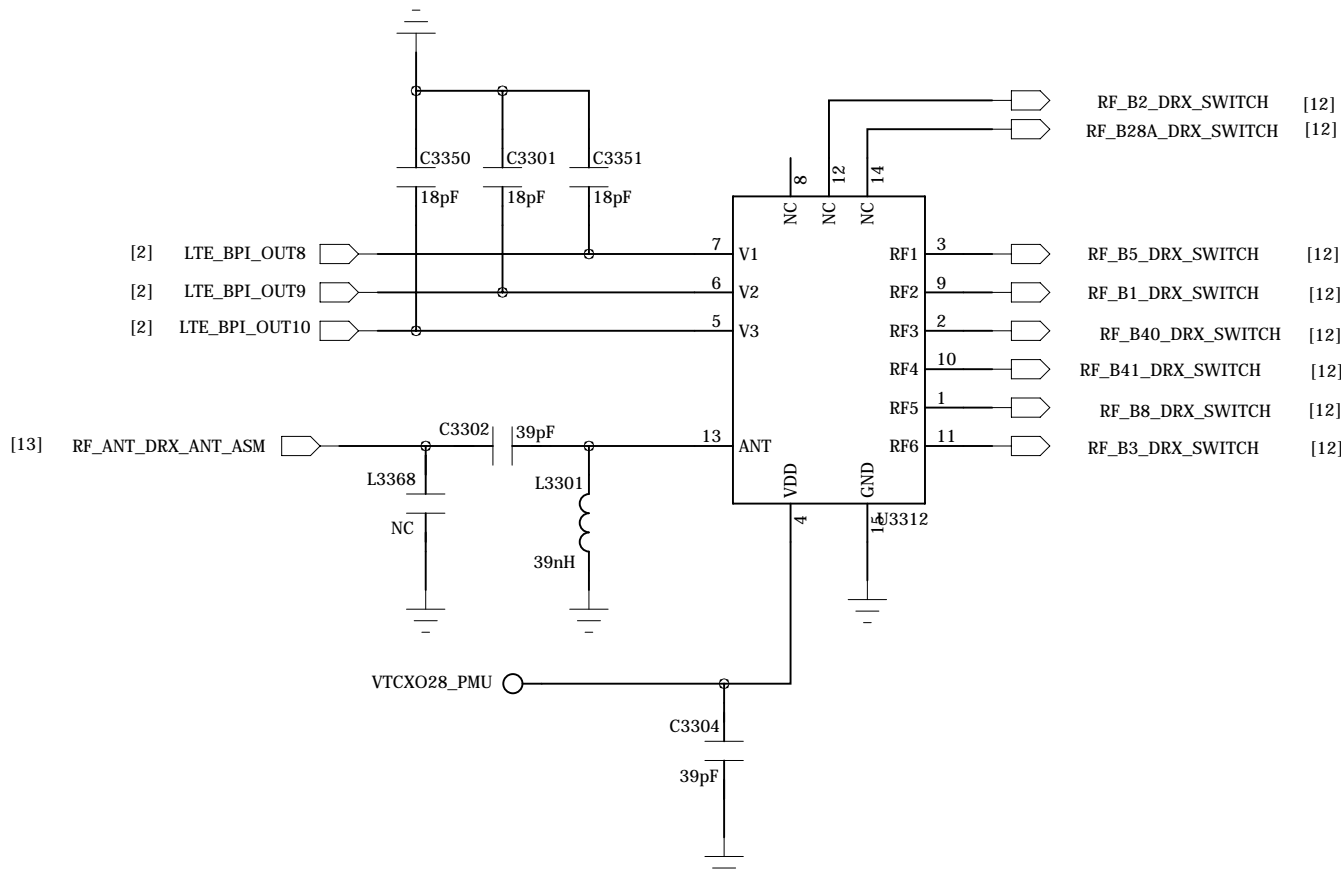
REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:



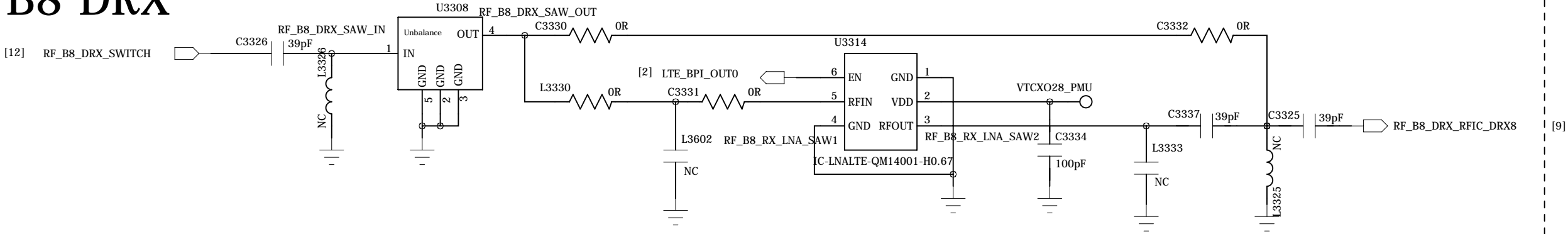
COMPANY: TRANSSION HOLDINGS				MODEL: H612		Modified Date: 2018/6/1	
DRAWN	SYJ	DATED	20180207	TITLE: 32_RF_MT6177M_RF_PRX		VERSION: V1.0	SHEET: 11 OF 21
CHECKED	<CHECKED>	DATED	< >	Confidentiality	CONFIDENTIAL		

RF\_MT6177M\_RF\_DRX

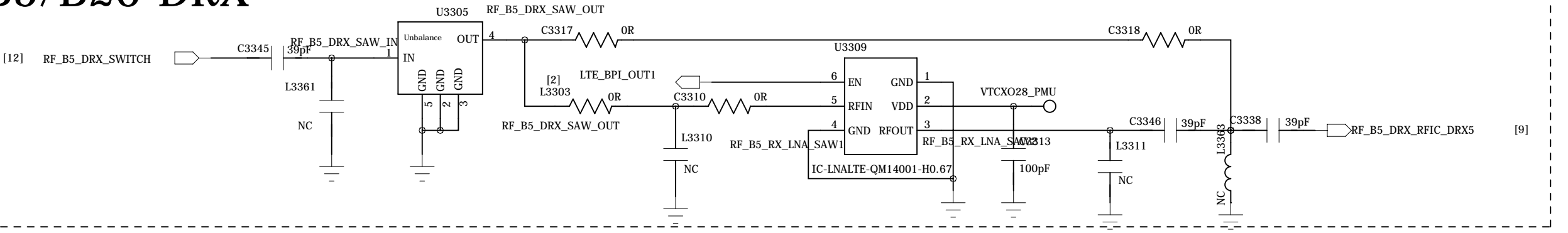
SP8T



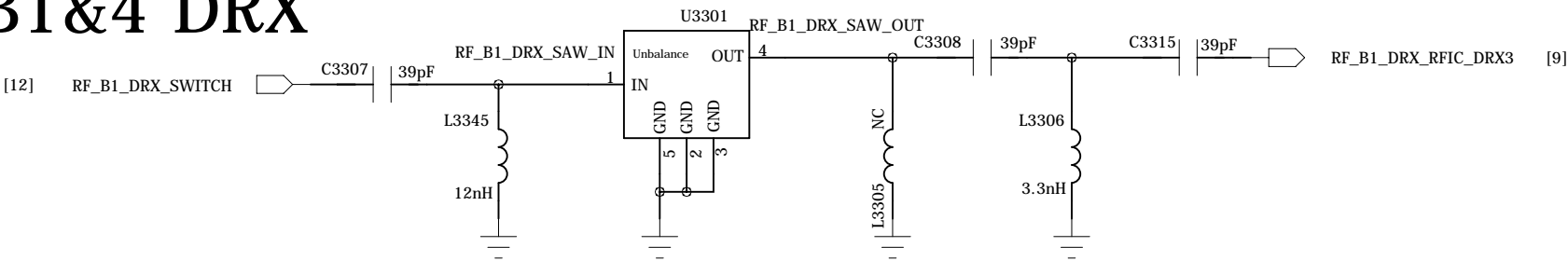
B8 DRX



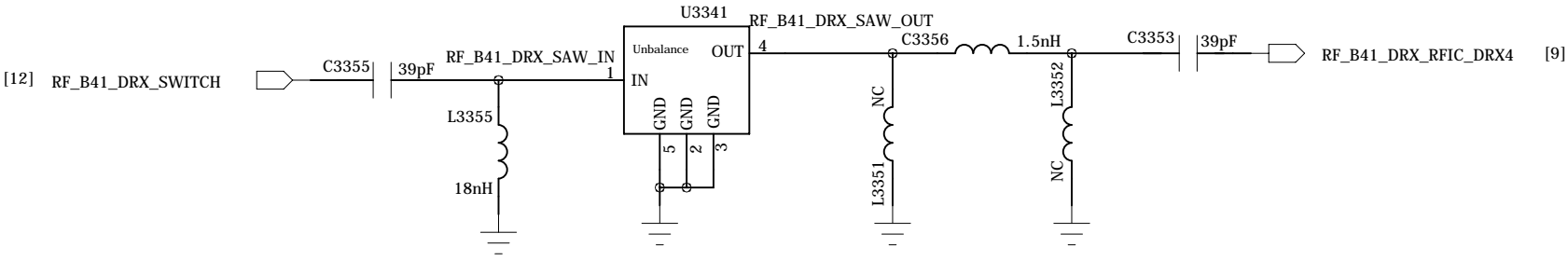
B5/B20 DRX



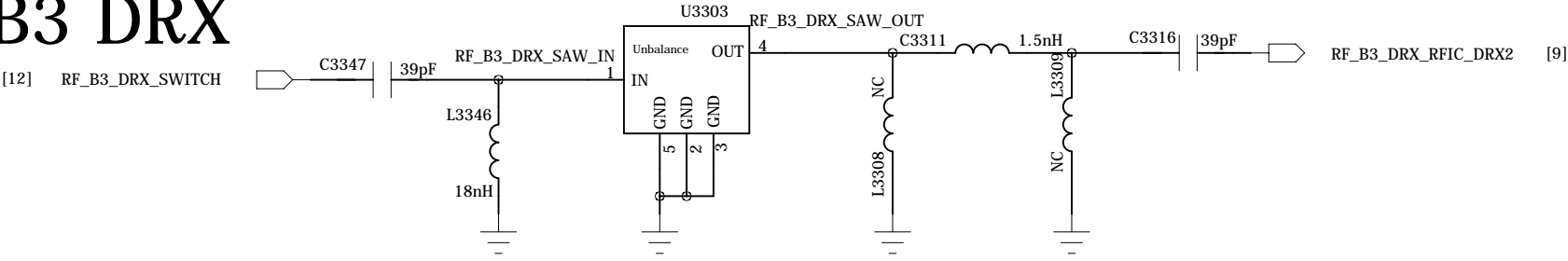
B1&4 DRX



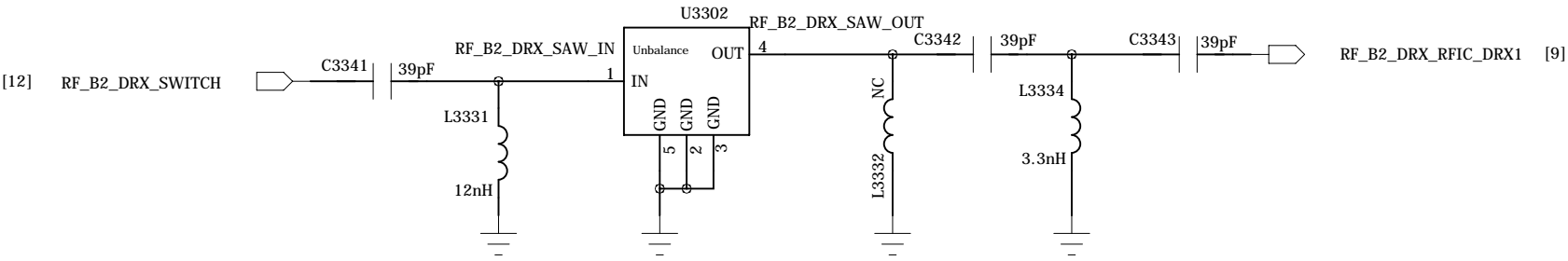
B41 DRX



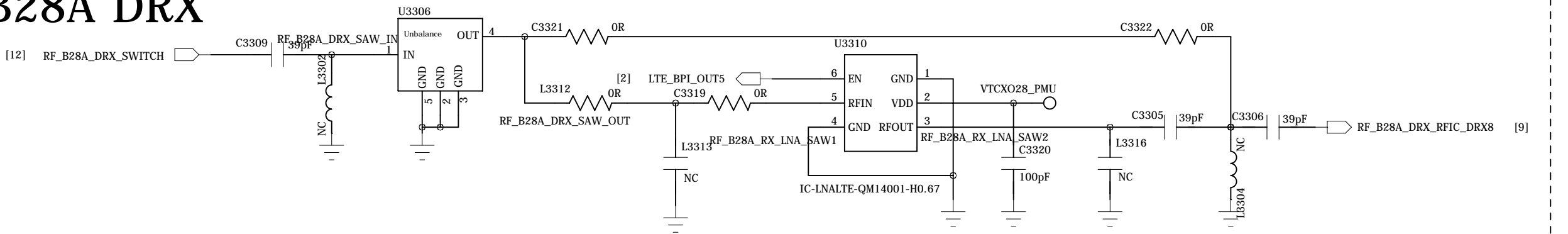
B3 DRX



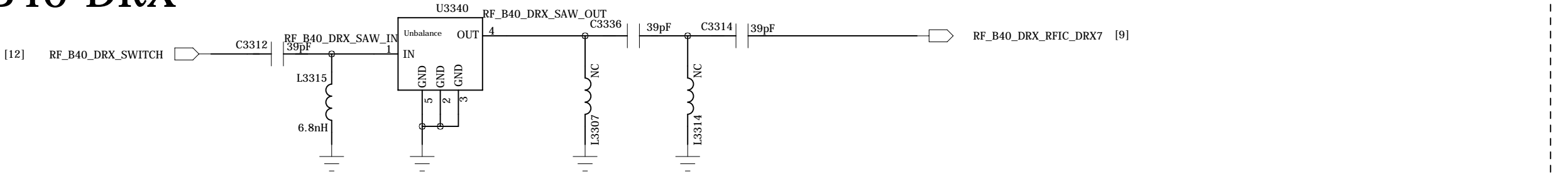
B2 DRX



B28A DRX



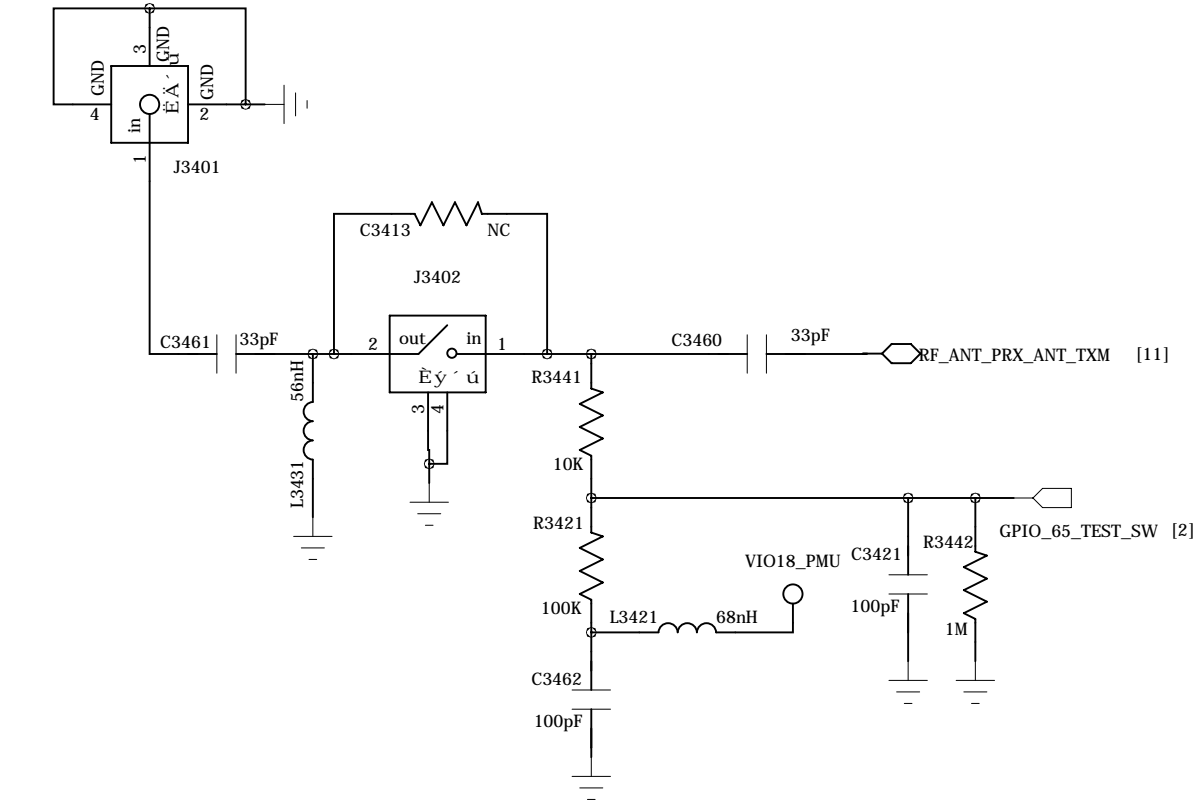
B40 DRX



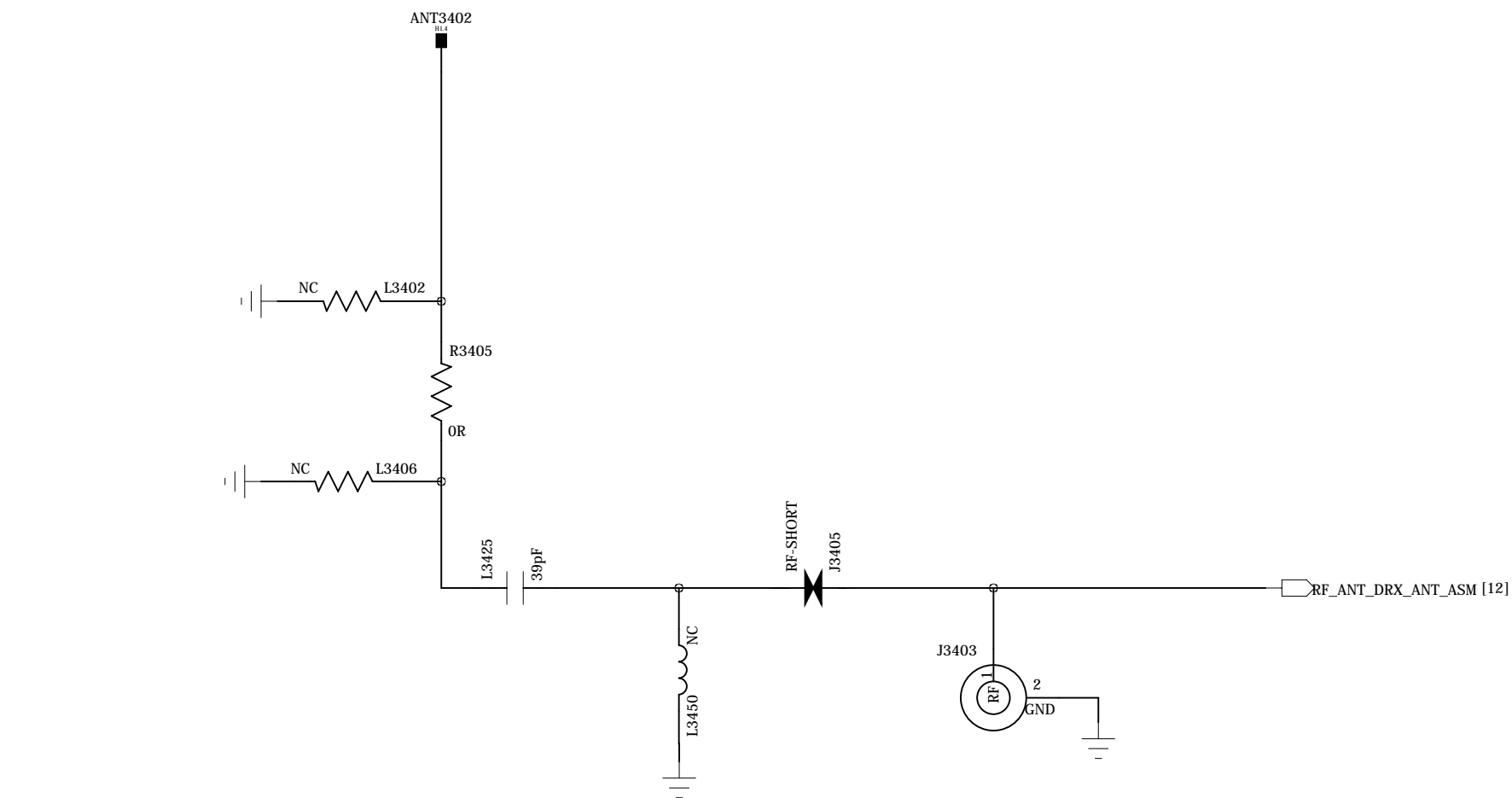
COMPANY: TRANSSION HOLDINGS				MODEL: H612		Modified Date: 2018/6/1	
DRAWN	SYJ	DATED	20180207	TITLE: 33_RF_MT6177M_RF_DRX		VERSION: V1.0	SHEET: 12 OF 21
CHECKED	<CHECKED>	DATED	< >	Confidentiality	CONFIDENTIAL		

RF\_MT6177M\_RF\_ANT

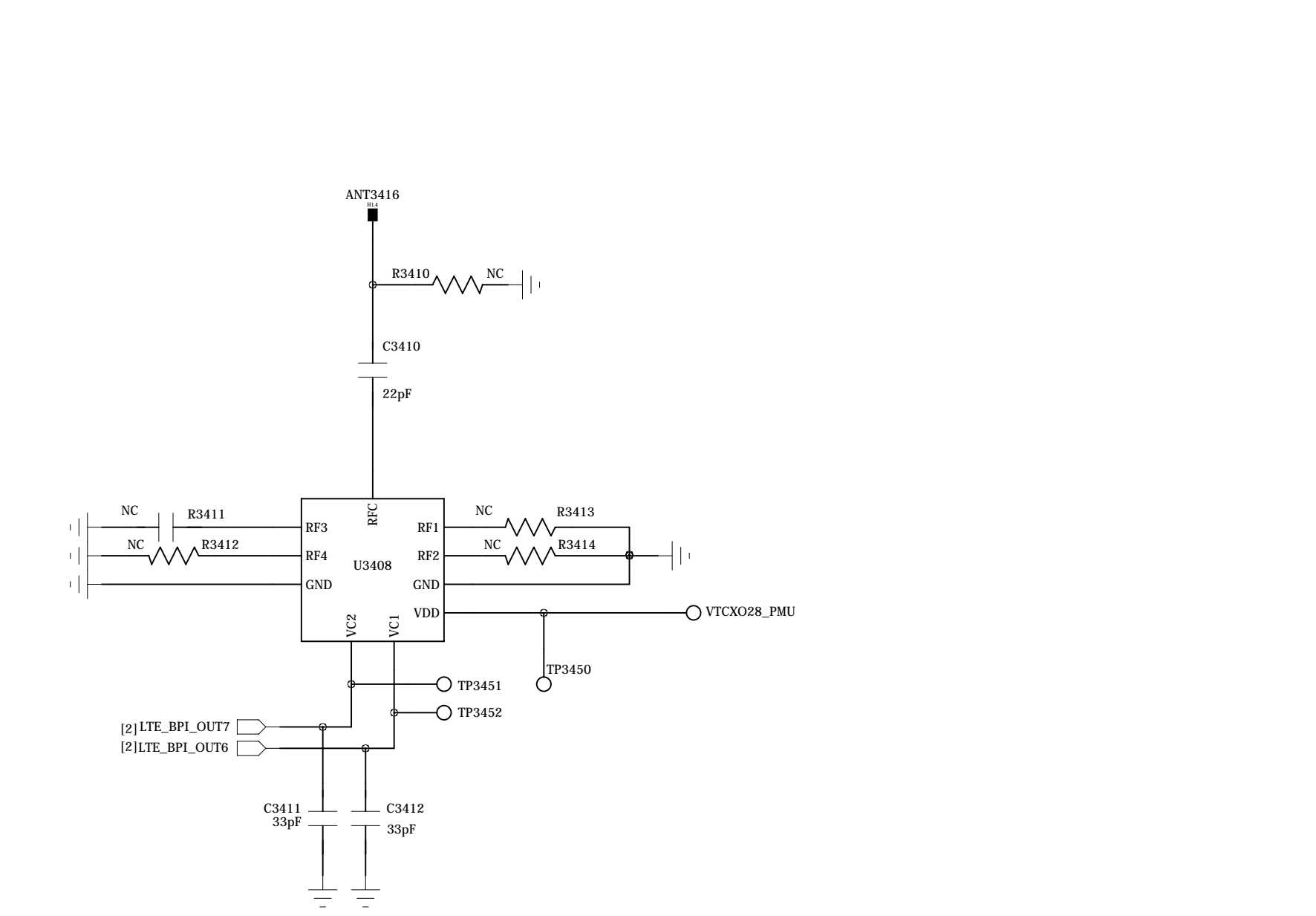
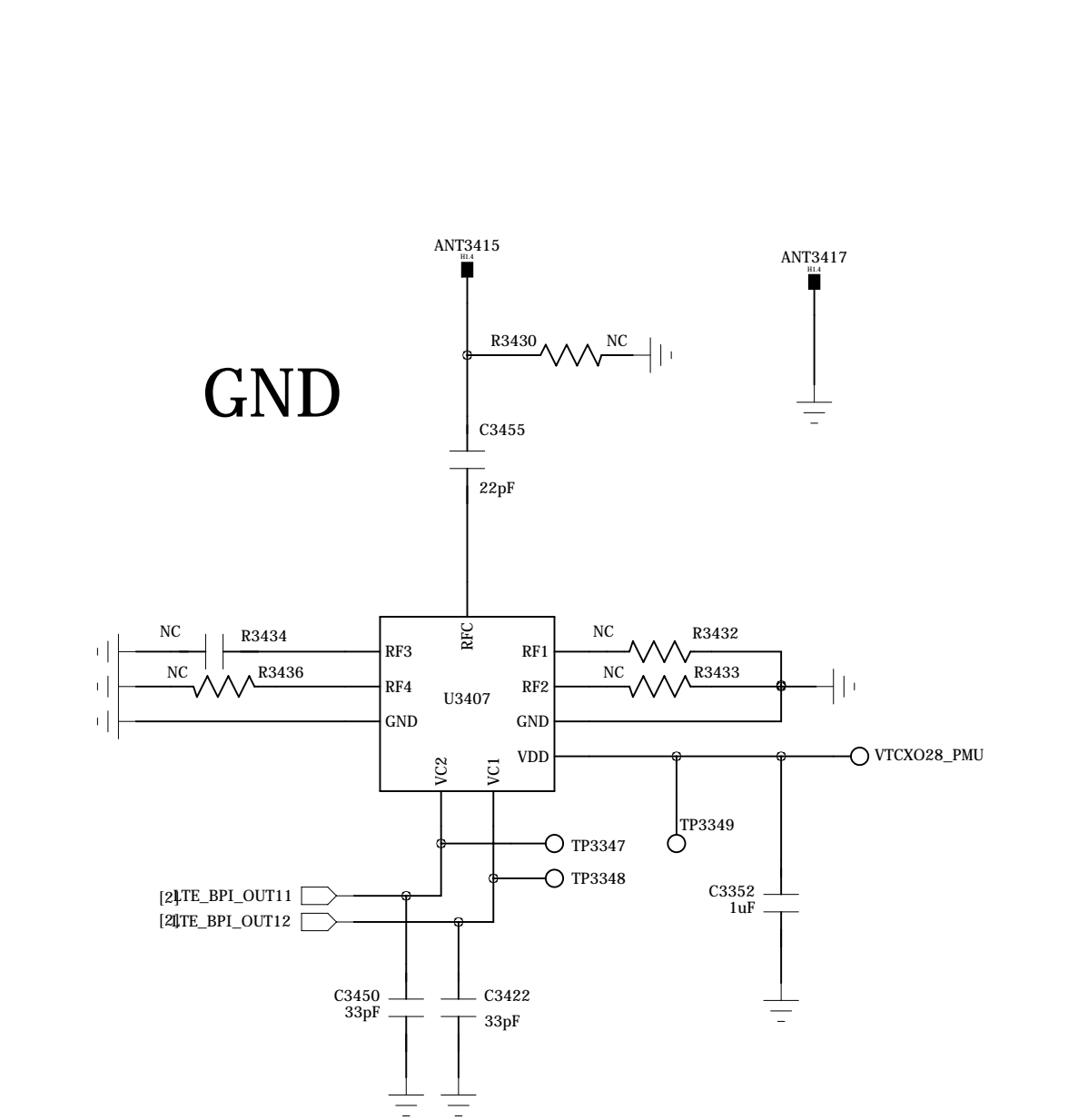
ASM\_Main  
791~960MHz + 1710~2690MHz



DRX ANT  
791~821MHz + 1805~2690MHz

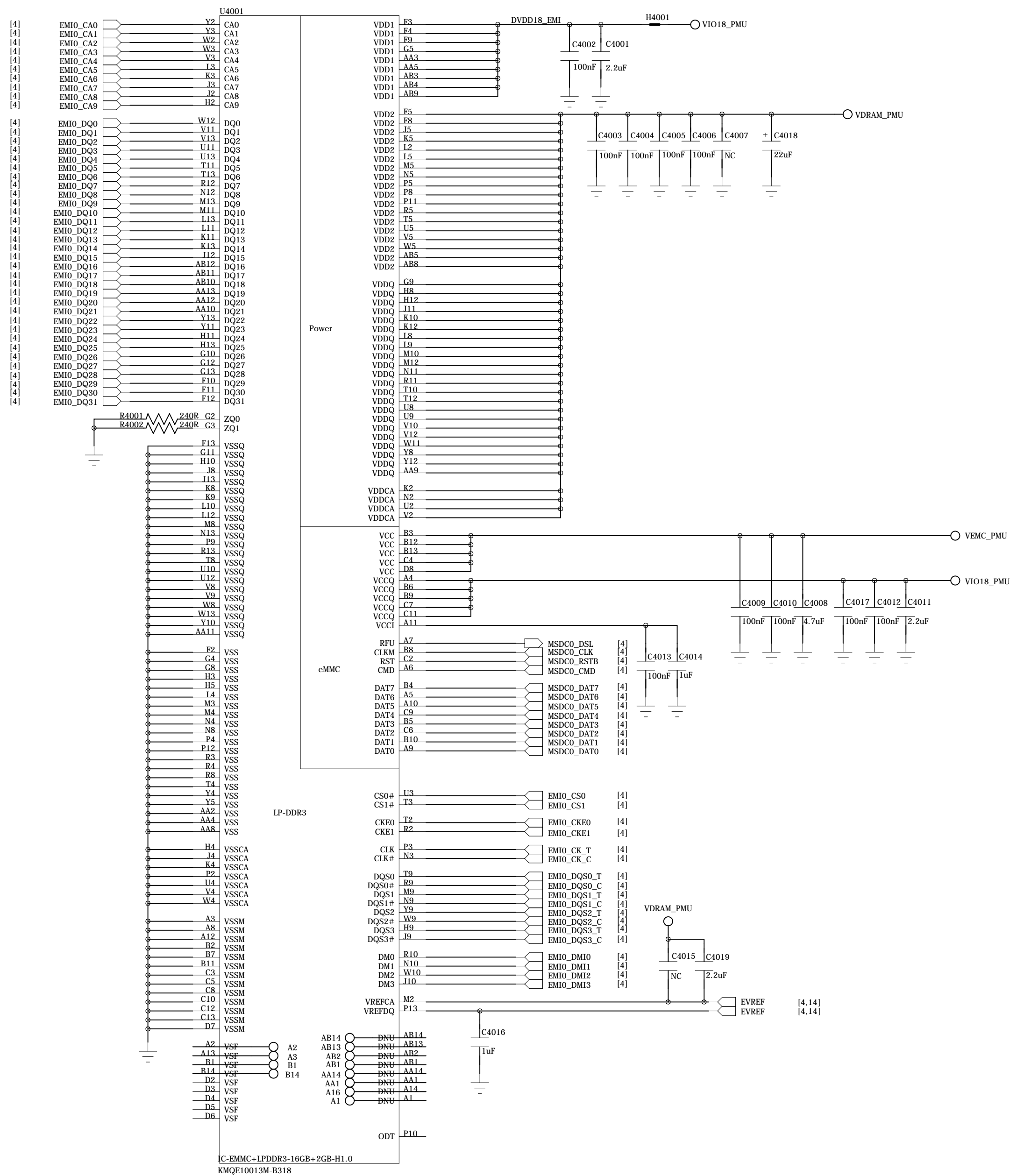


ANT switch



# MEMORY eMMC LPDDR3

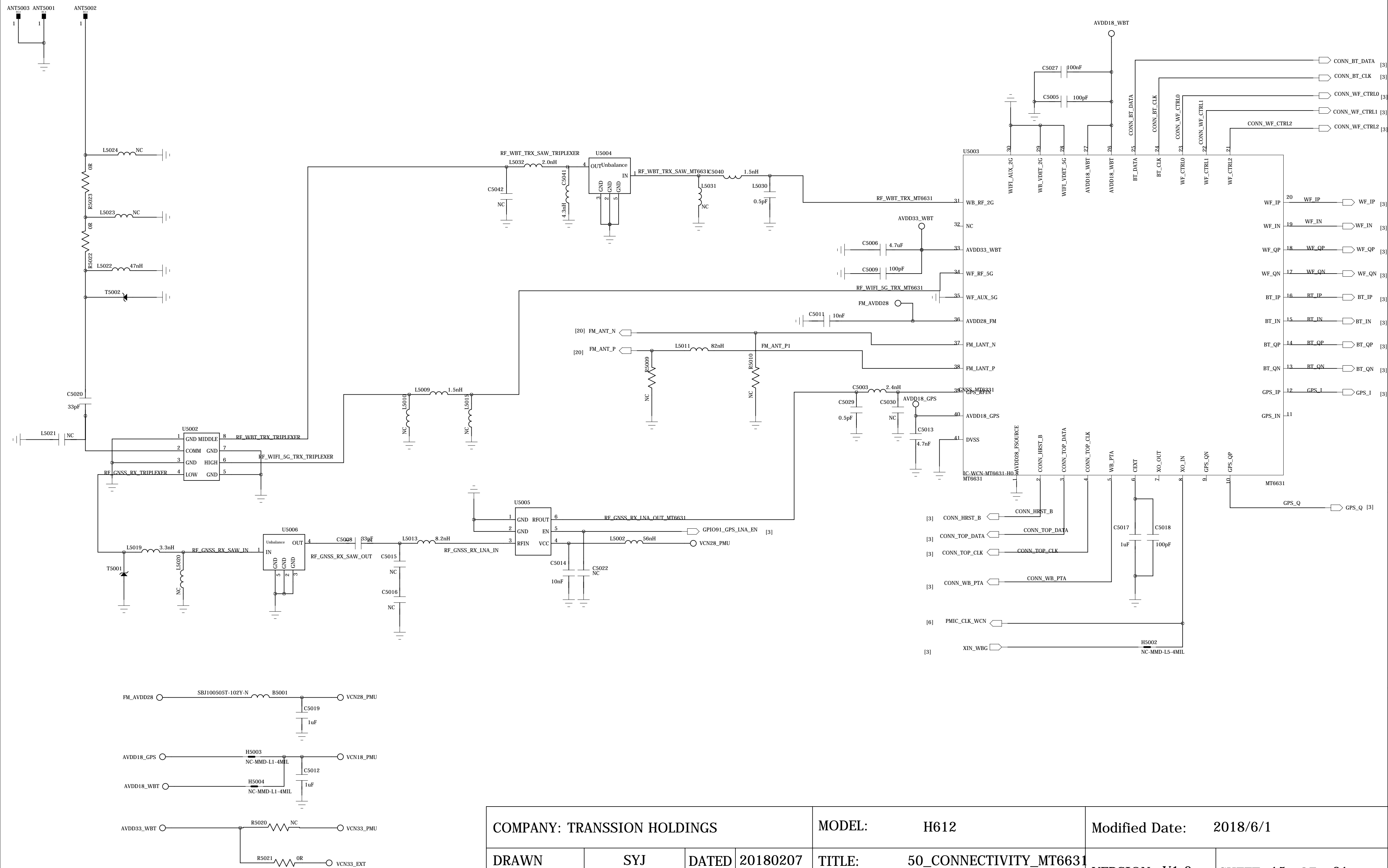
REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:



COMPANY: TRANSSION HOLDINGS				MODEL: H612		Modified Date: 2018/6/1	
DRAWN	SYJ	DATED	20180207	TITLE: 40_MEMORY_EMMC_LPDDR3		VERSION: V1.0	SHEET: 14 OF 21
CHECKED	<CHECKED>	DATED	< >	Confidentiality	CONFIDENTIAL		

CONNECTIVITY\_MT6631

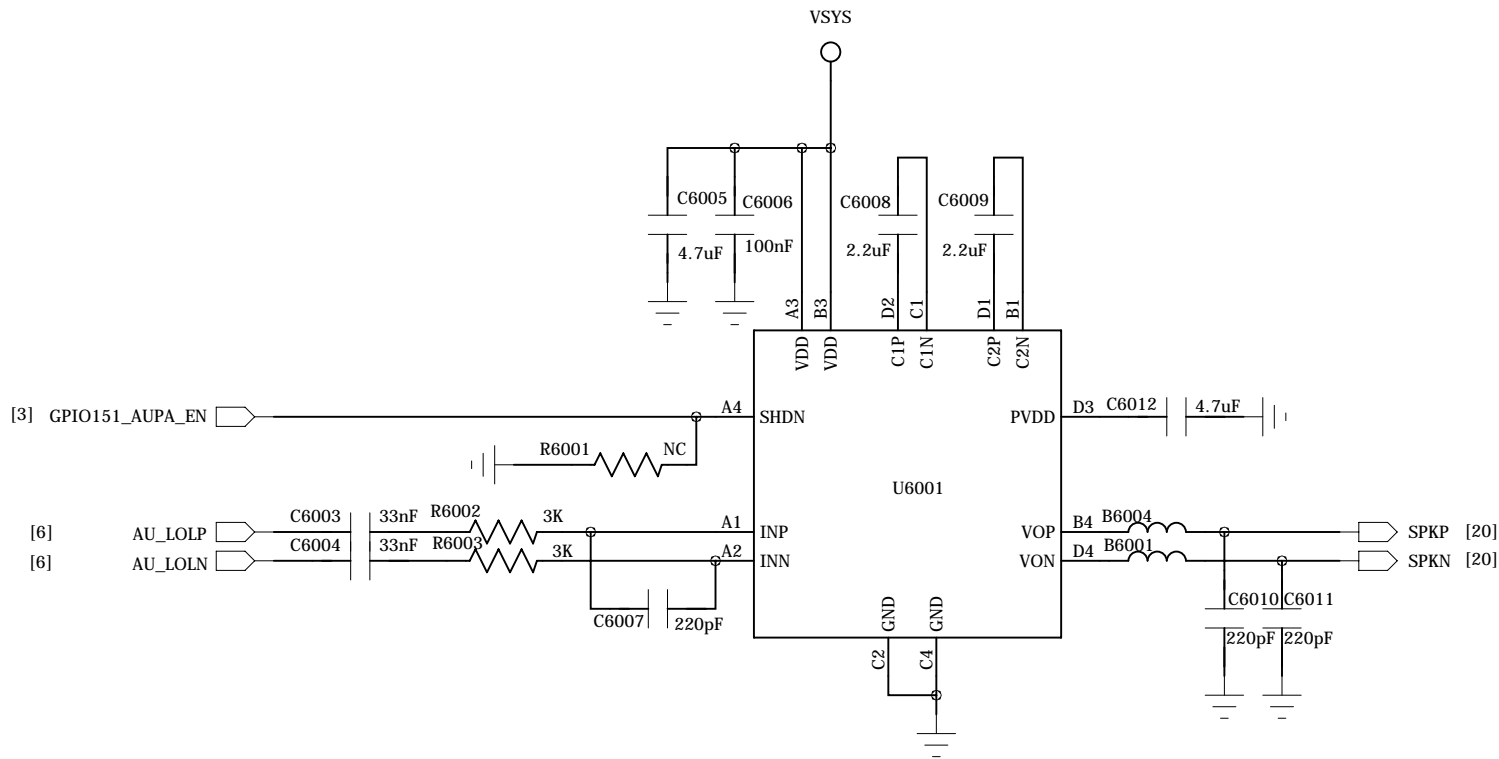
REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:



COMPANY: TRANSSION HOLDINGS				MODEL: H612		Modified Date: 2018/6/1	
DRAWN	SYJ	DATED	20180207	TITLE: 50_CONNECTIVITY_MT6631		VERSION: V1.0	SHEET: 15 OF 21
CHECKED	<CHECKED>	DATED	< >	Confidentiality	CONFIDENTIAL		

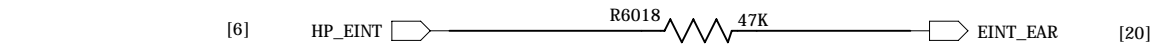
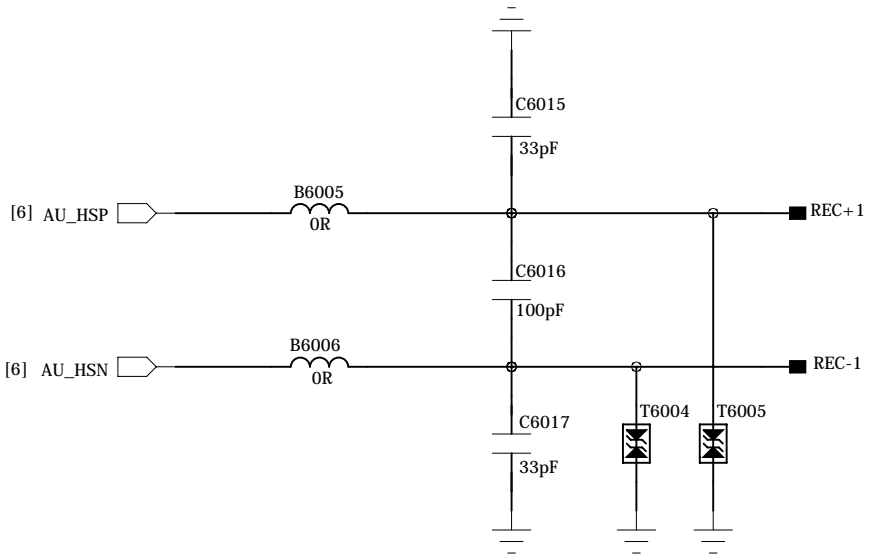
PERI\_AUDIO\_IO

Audio PA

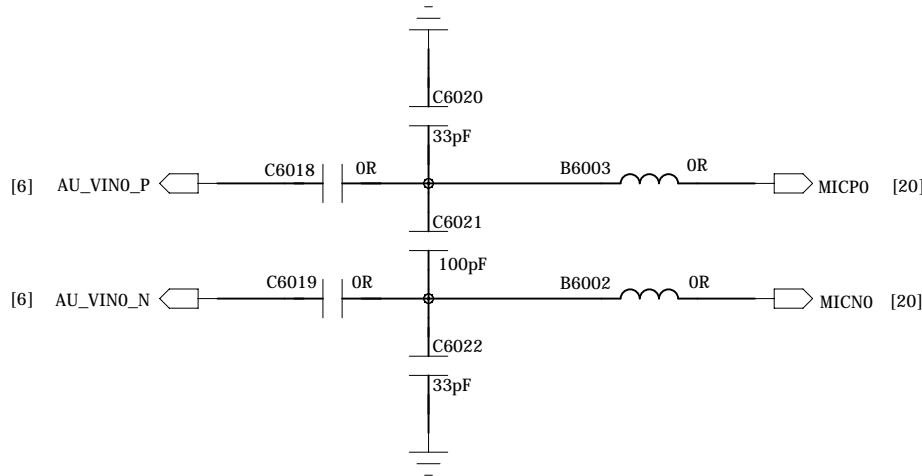


SPK

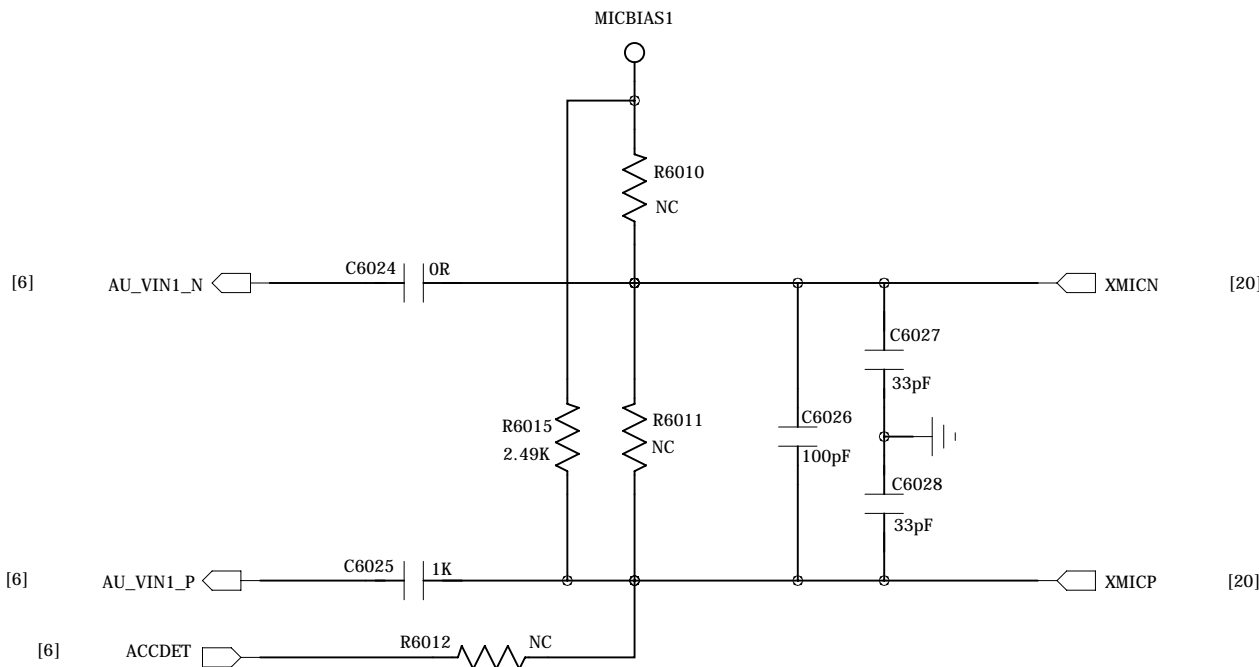
Receiver



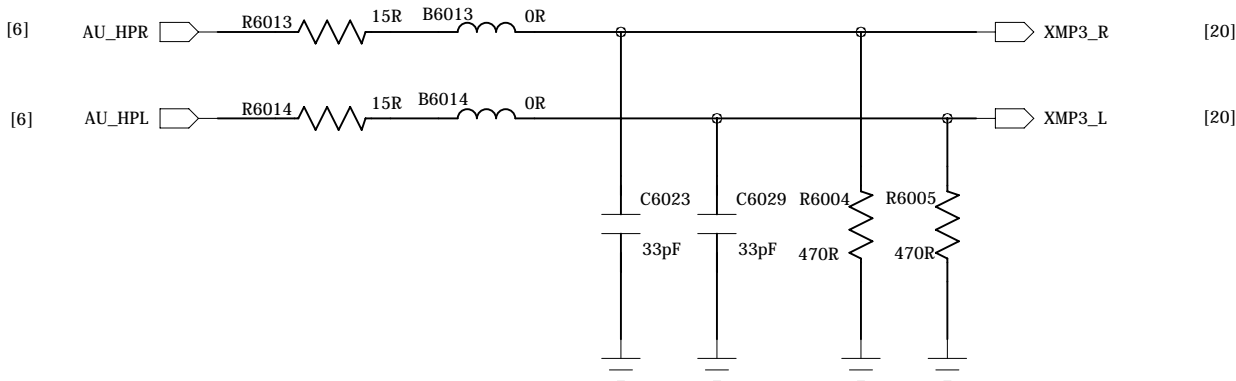
Main MICPHONE



Earphone MICPHONE



Earphone Receiver

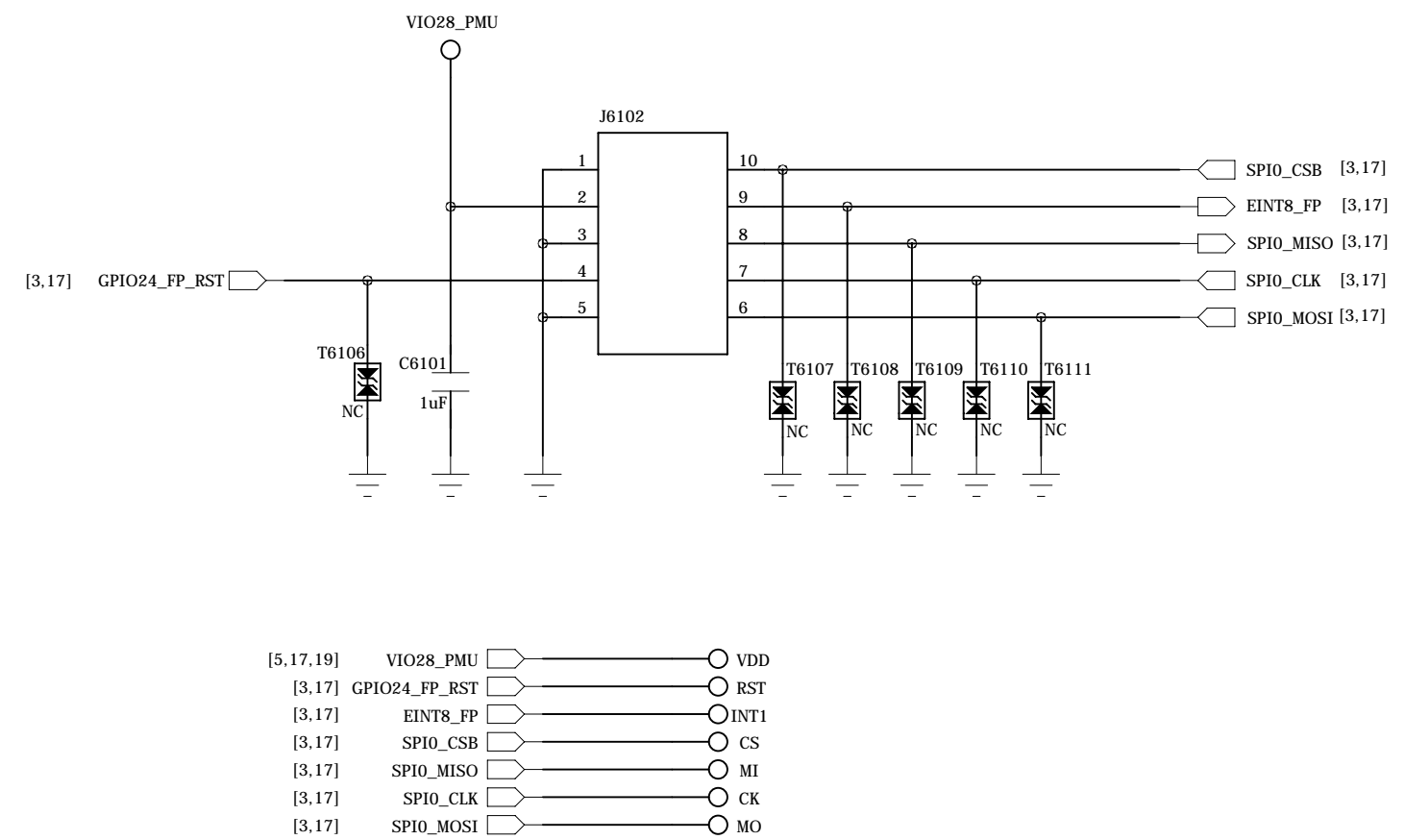


COMPANY: TRANSSION HOLDINGS				MODEL: H612		Modified Date: 2018/6/1	
DRAWN	SYJ	DATED	20180207	TITLE: 60_PERI_AUDIO		VERSION: V1.0	SHEET: 16 OF 21
CHECKED	<CHECKED>	DATED	< >	Confidentiality	CONFIDENTIAL		



REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

# FINGER PRINT



COMPANY: TRANSSION HOLDINGS				MODEL: H612		Modified Date: 2018/6/1	
DRAWN	SYJ	DATED	20180207	TITLE: 61_PERI_LCM_CTP_FP		VERSION: V1.0	SHEET: 17 OF 21
CHECKED	<CHECKED>	DATED	< >	Confidentiality	CONFIDENTIAL		

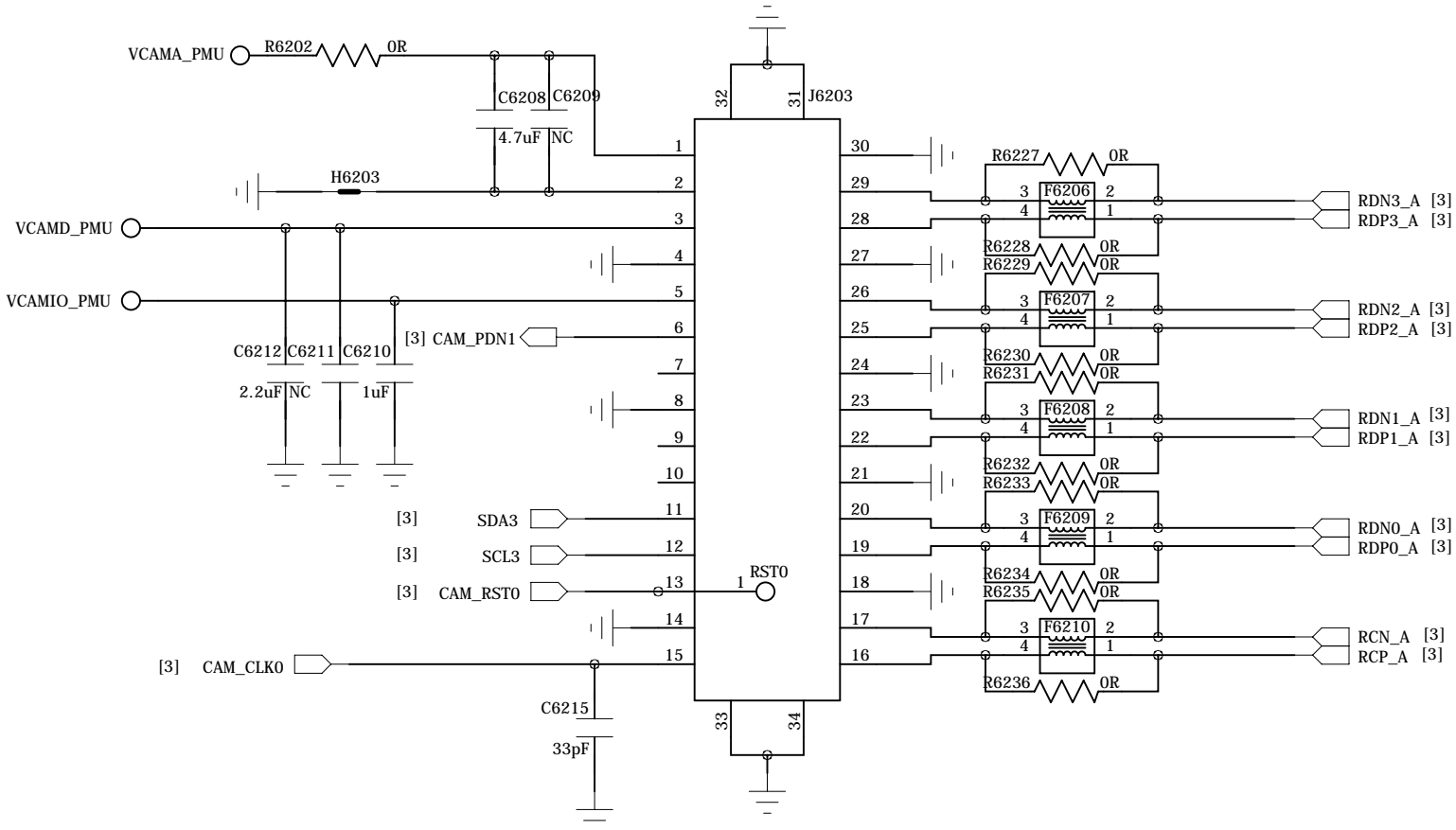
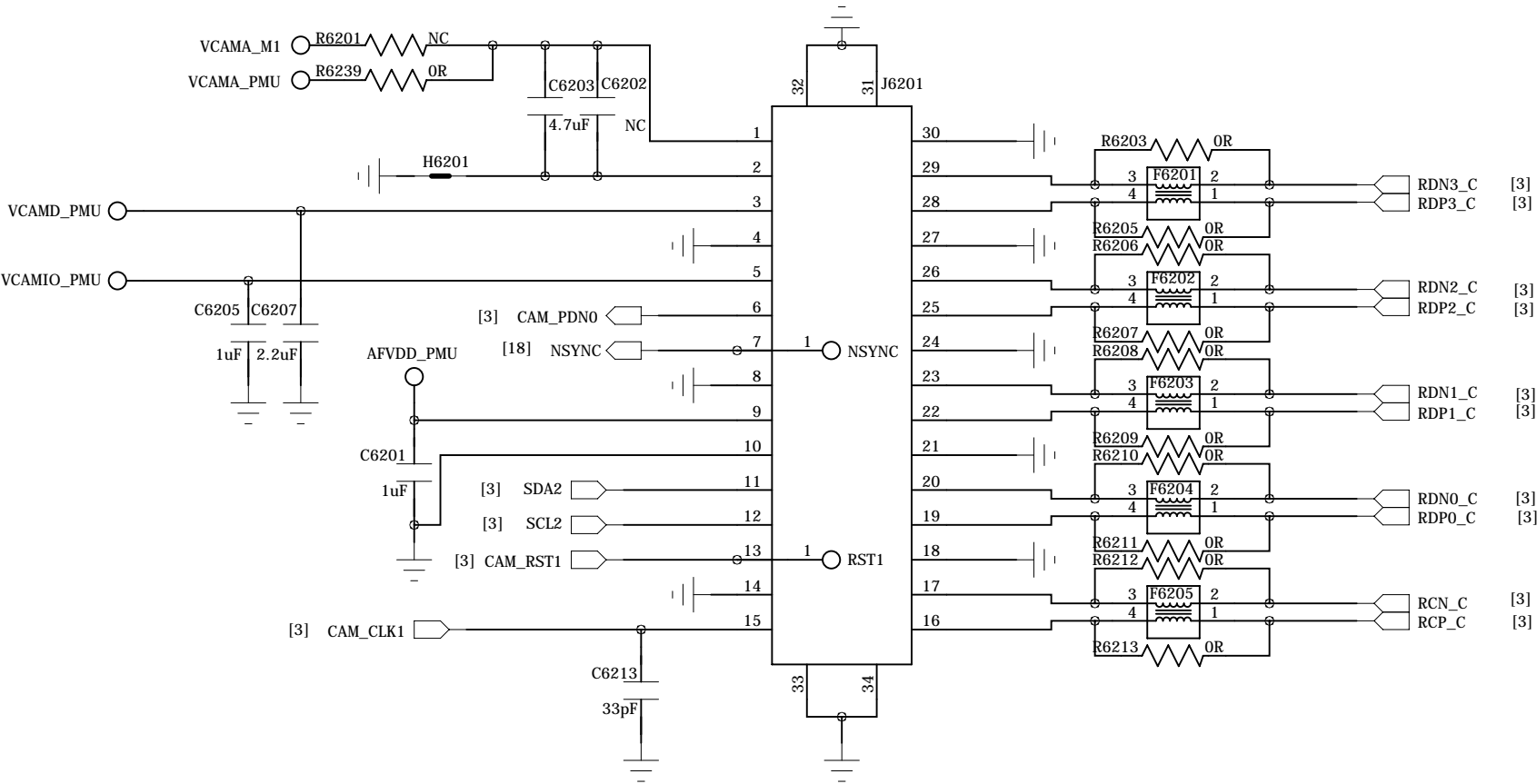
PERI\_CAMERA

REAR CAMERA Wide

FRONT CAMERA(13M/16M)

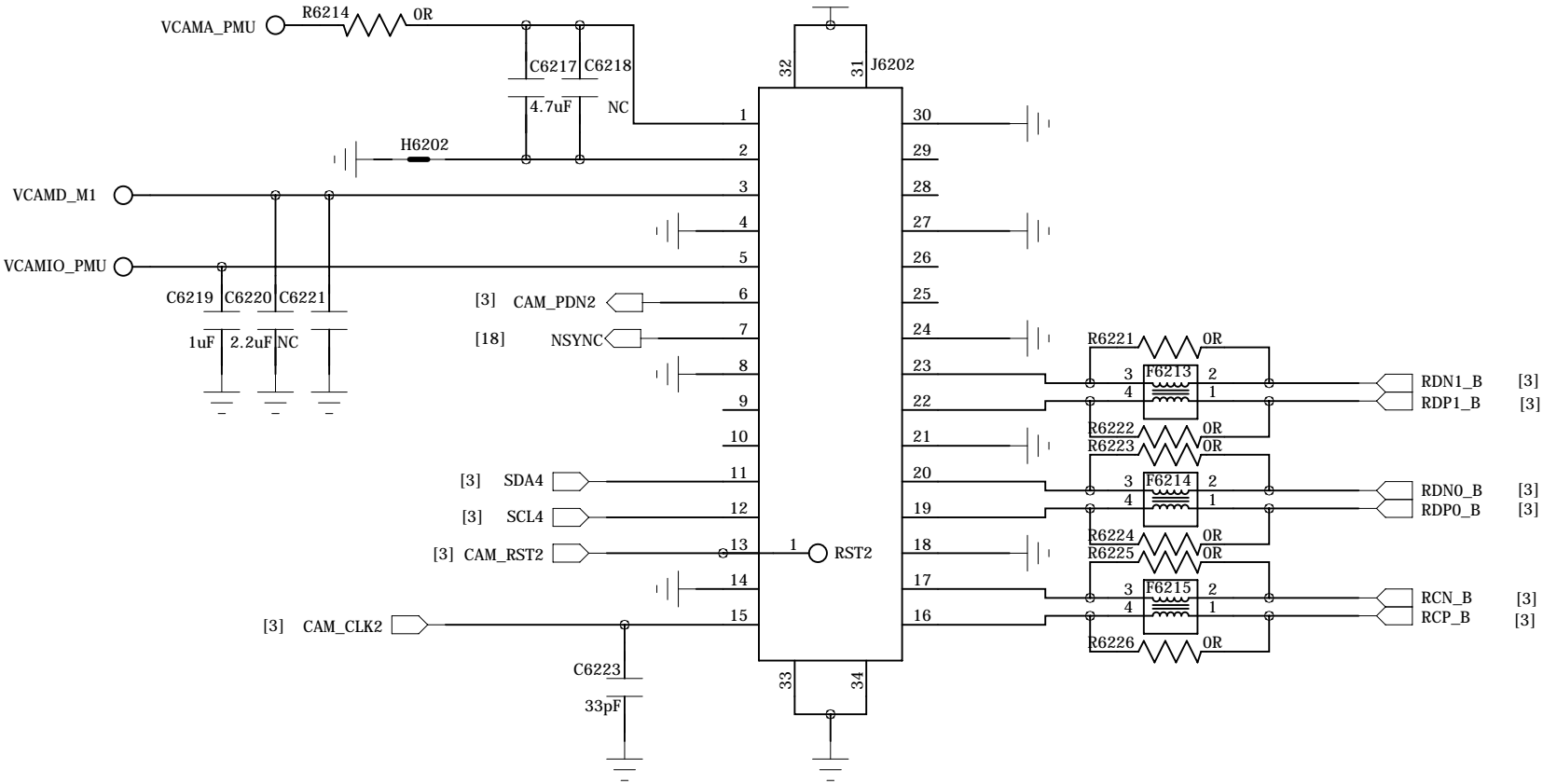
REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

MAIN



REAR CAMERA Tele

SUB

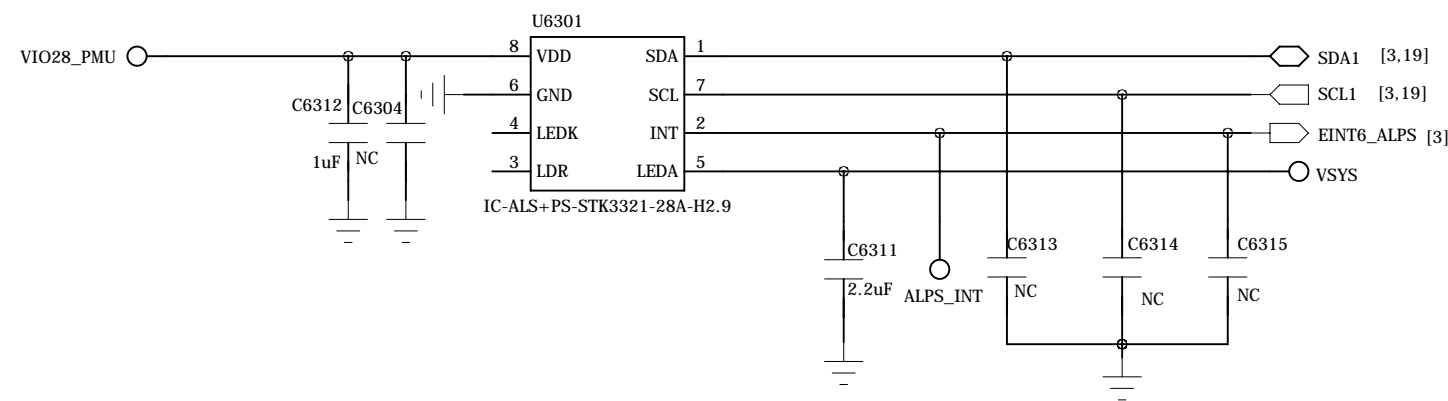


COMPANY: TRANSSION HOLDINGS				MODEL: H612		Modified Date: 2018/6/1	
DRAWN	SYJ	DATED	20180207	TITLE: 62_PERI_CAMERA		VERSION: V1.0	SHEET: 18 OF 21
CHECKED	<CHECKED>	DATED	< >	Confidentiality	CONFIDENTIAL		

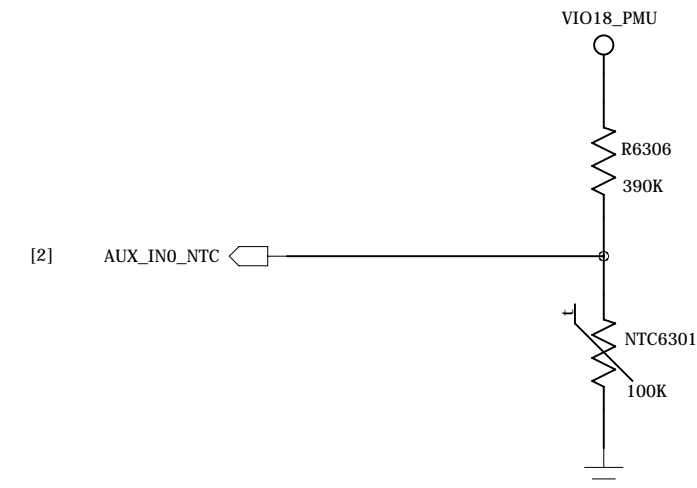
# PERI\_SENSORS

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

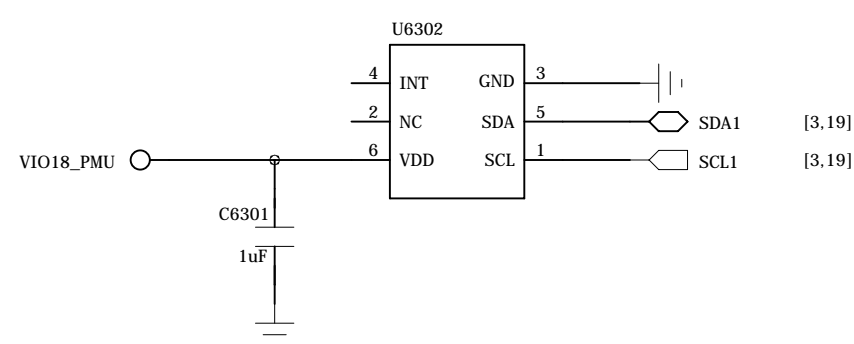
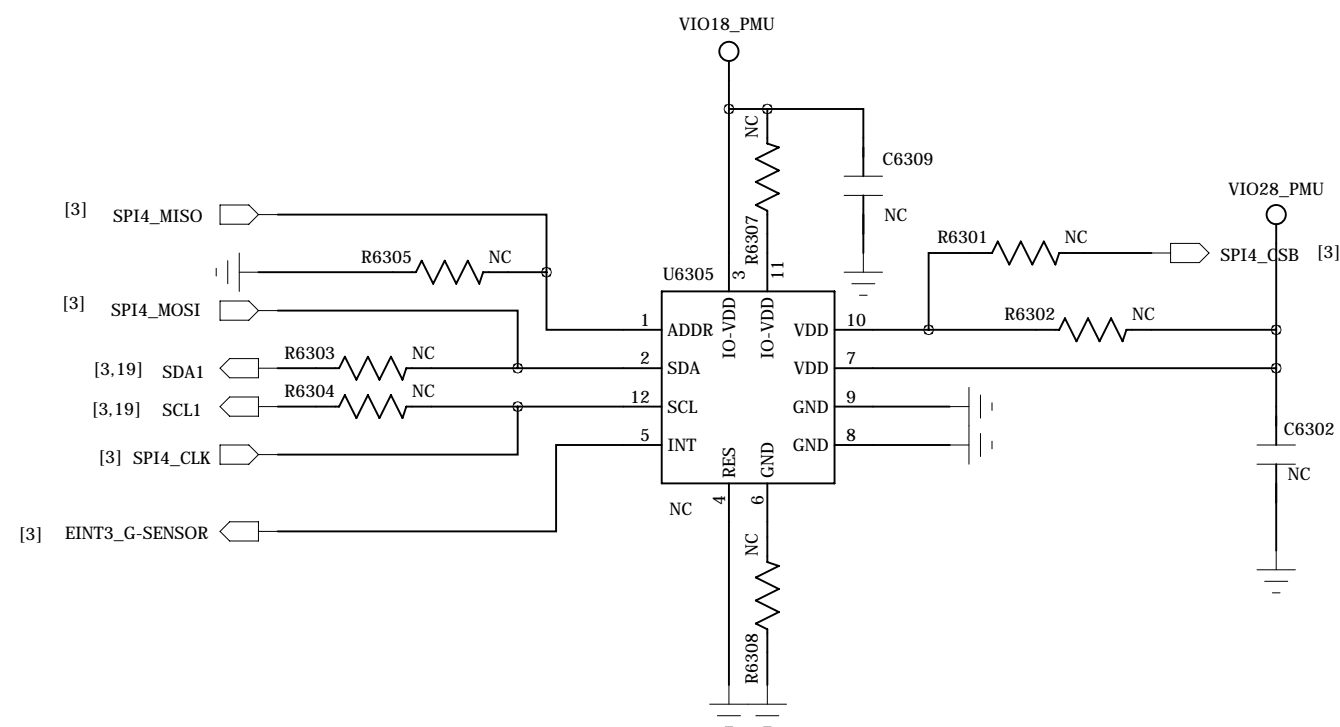
## AL& PS Sensor



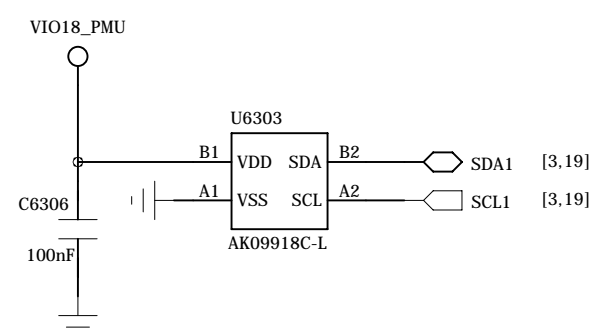
## Thermistor to sense AP temperature



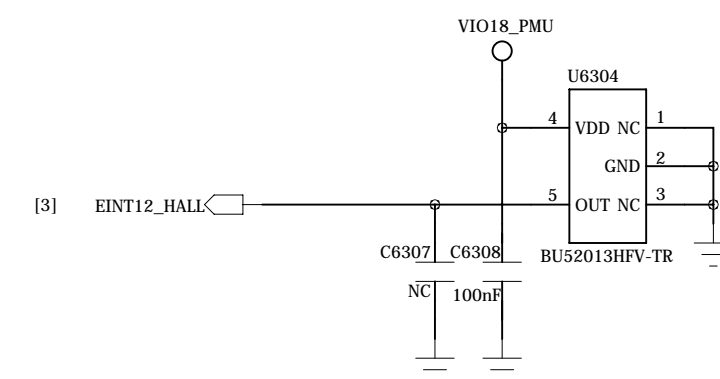
## G-Sensor



## M-Sensor(COMPASS)

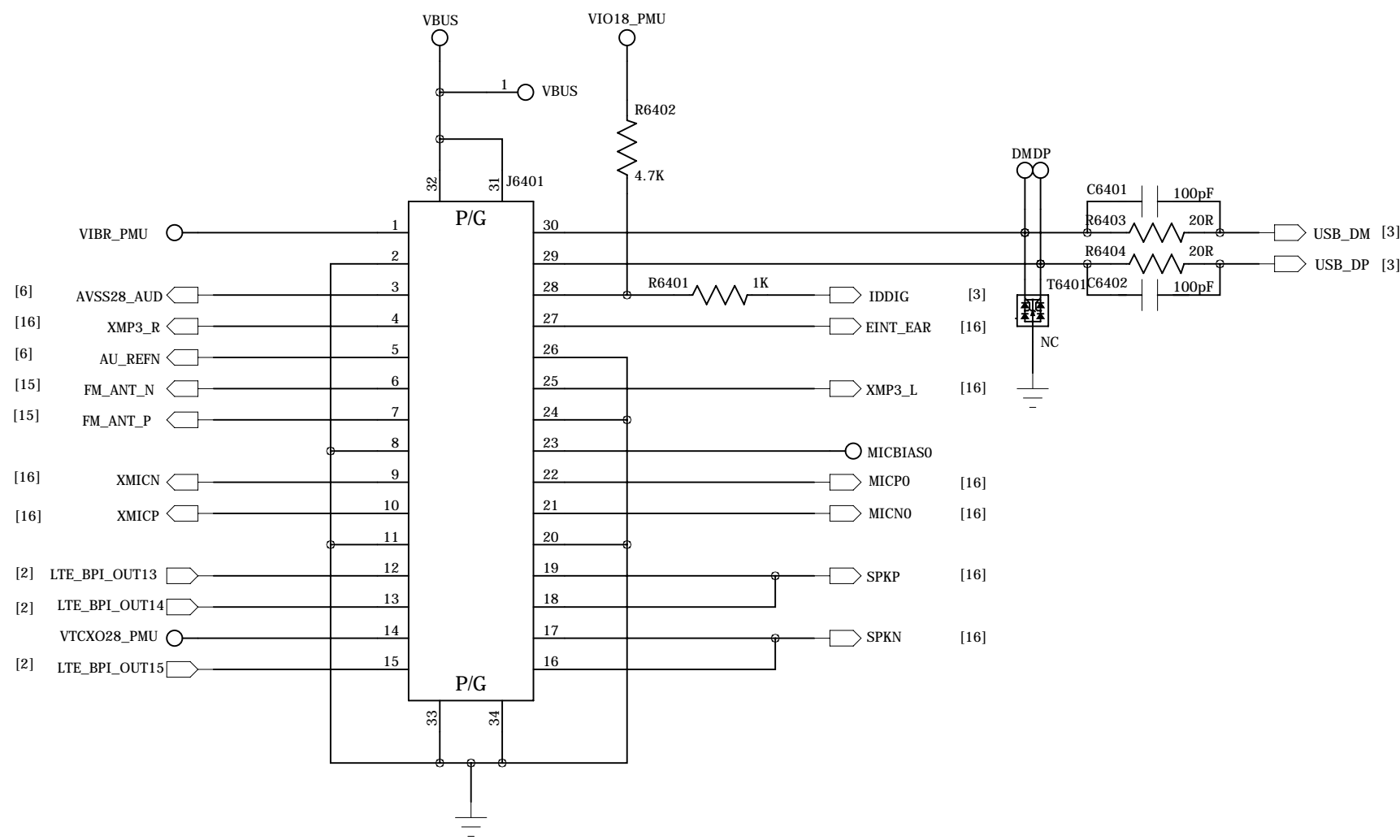


# Unipolar HALL



COMPANY: TRANSSION HOLDINGS				MODEL: H612		Modified Date: 2018/6/1	
DRAWN	SYJ	DATED	20180207	TITLE: 63_PERI_SENSORS		VERSION: V1.0	SHEET: 19 OF 21
CHECKED	<CHECKED>	DATED	< >	Confidentiality	CONFIDENTIAL		

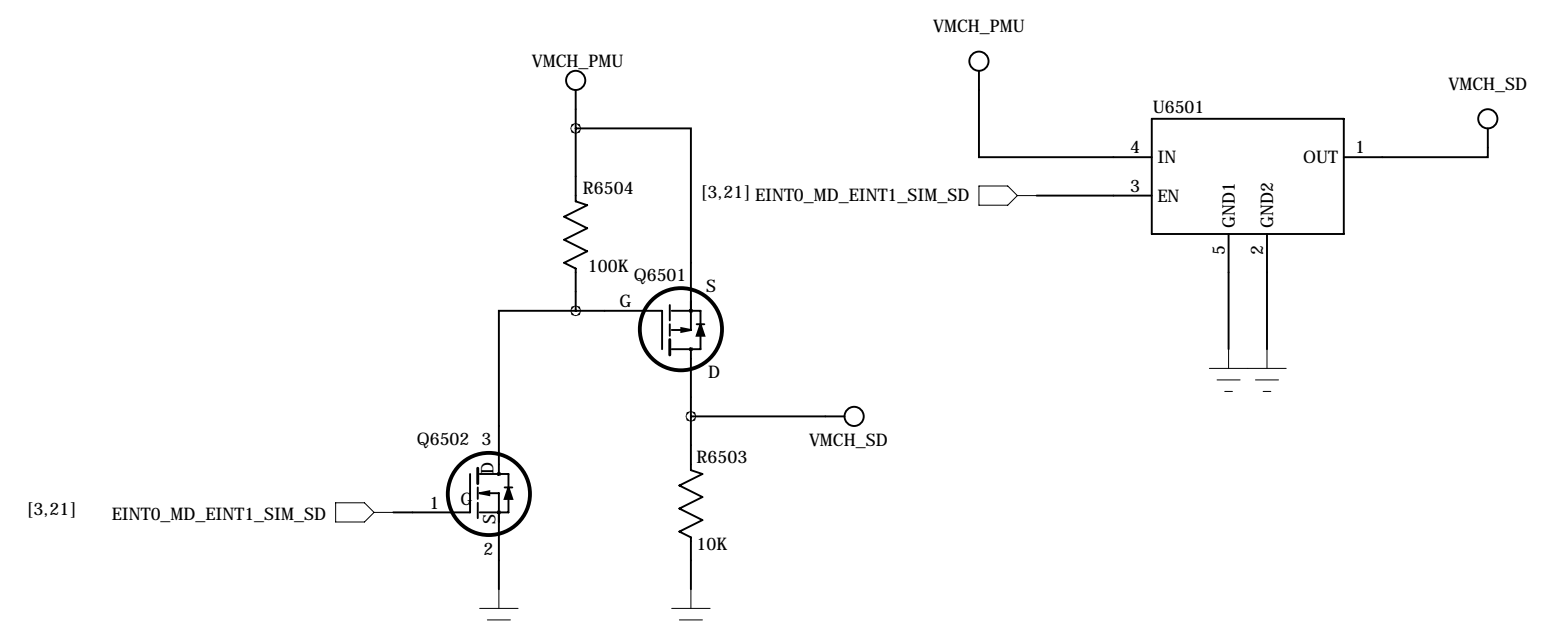
REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:



COMPANY: TRANSSION HOLDINGS				MODEL: H612		Modified Date: 2018/6/1	
DRAWN	SYJ	DATED	20180207	TITLE: 64_PERI_IO_VIB		VERSION: V1.0	SHEET: 20 OF 21
CHECKED	<CHECKED>	DATED	< >	Confidentiality	CONFIDENTIAL		

REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

## SD POWER CONTROL



ANT6501

ANT6502

ANT6503

ANT6504

PWRKEY

R6519 1K

R6520 1K

R6518 1K

KPCOLO [3]

KPCOL1 [3]

PWRKEY [6]

T6508

T6510

T6509

ANT6505

COMPANY: TRANSSION HOLDINGS				MODEL: H612		Modified Date: 2018/6/1	
DRAWN	SYJ	DATED	20180207	TITLE: 65_PERI_SIM_SD_LED		VERSION: V1.0	SHEET: 21 OF 21
CHECKED	<CHECKED>	DATED	< >	Confidentiality	CONFIDENTIAL		