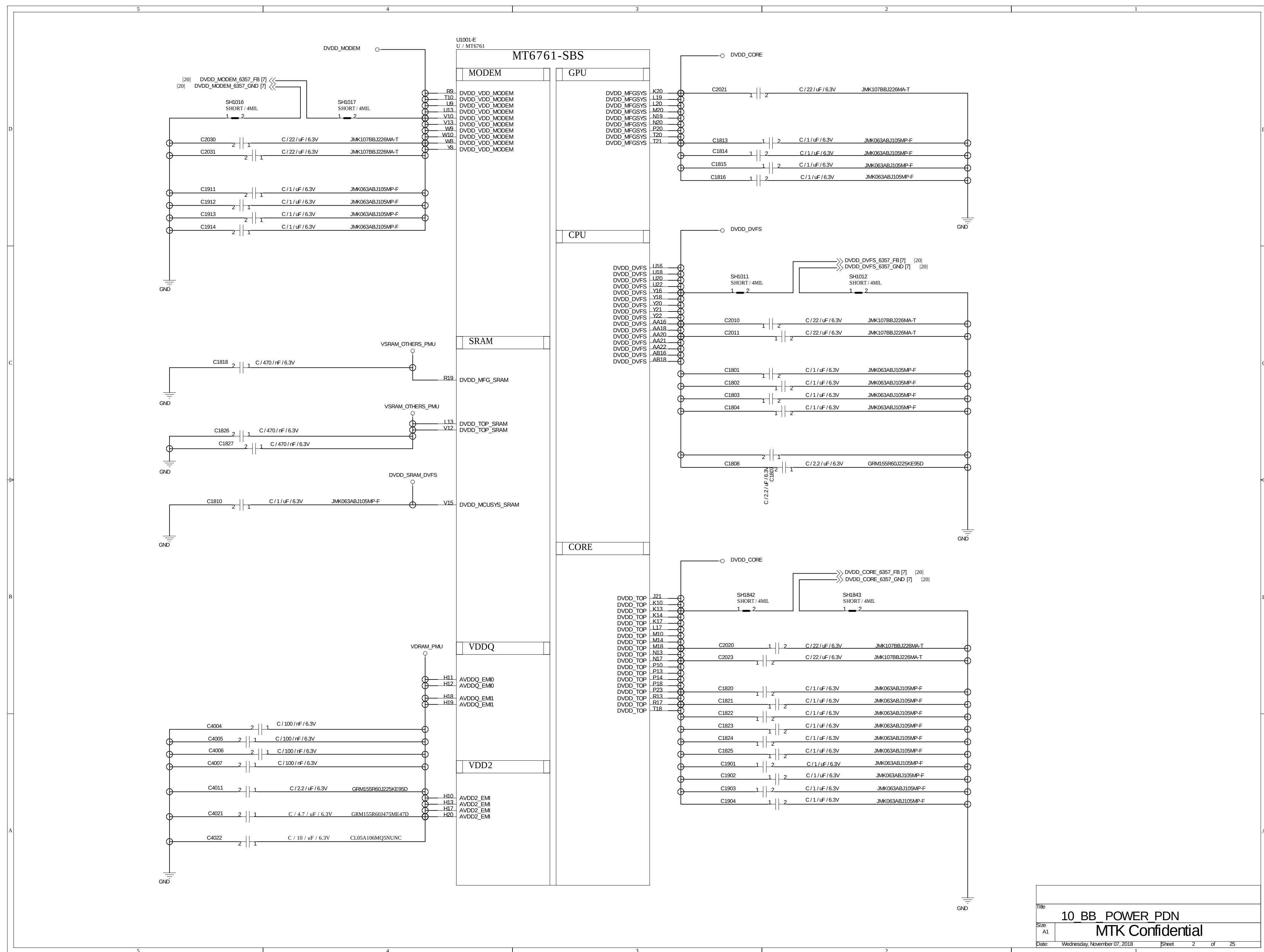
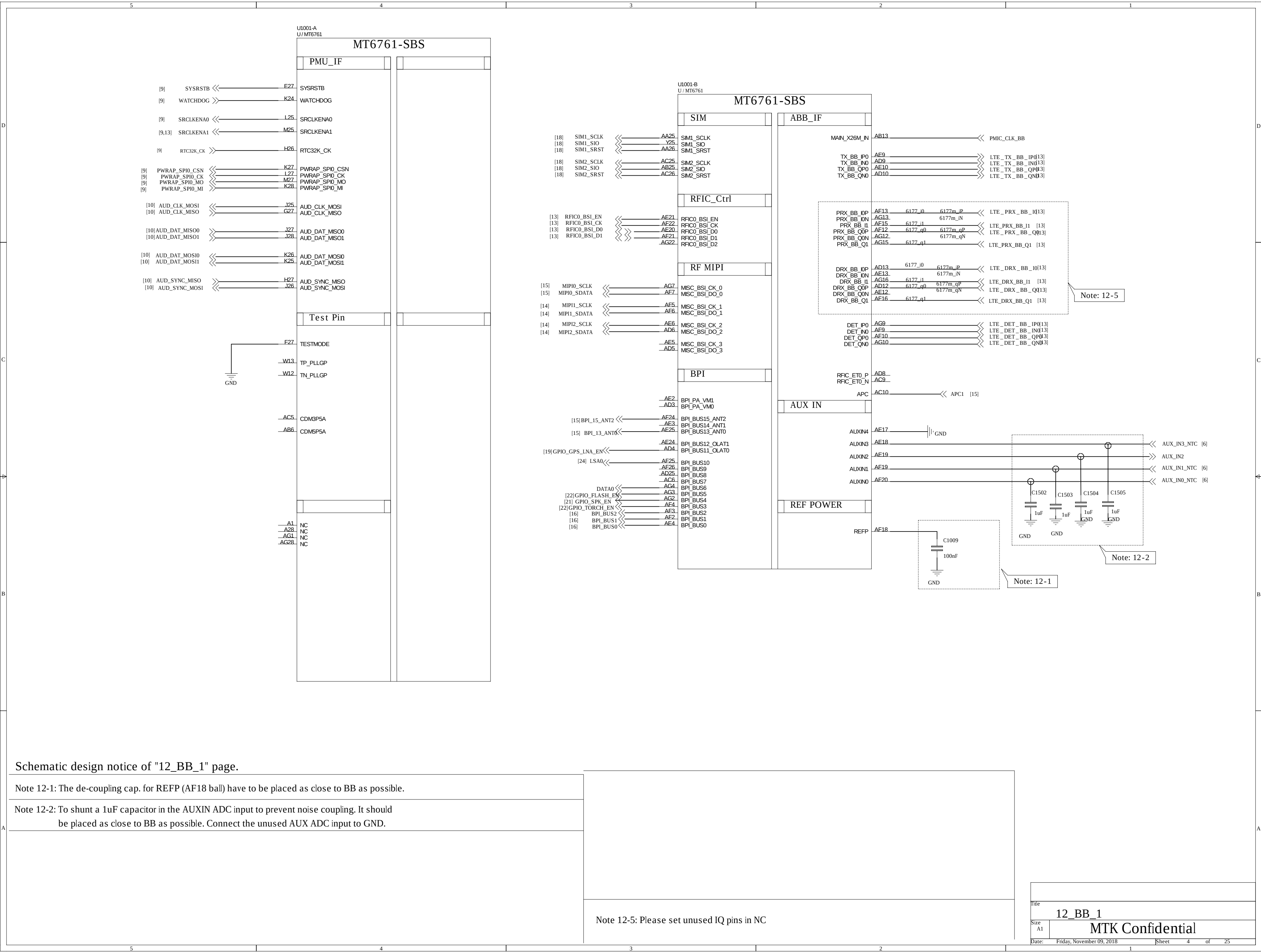
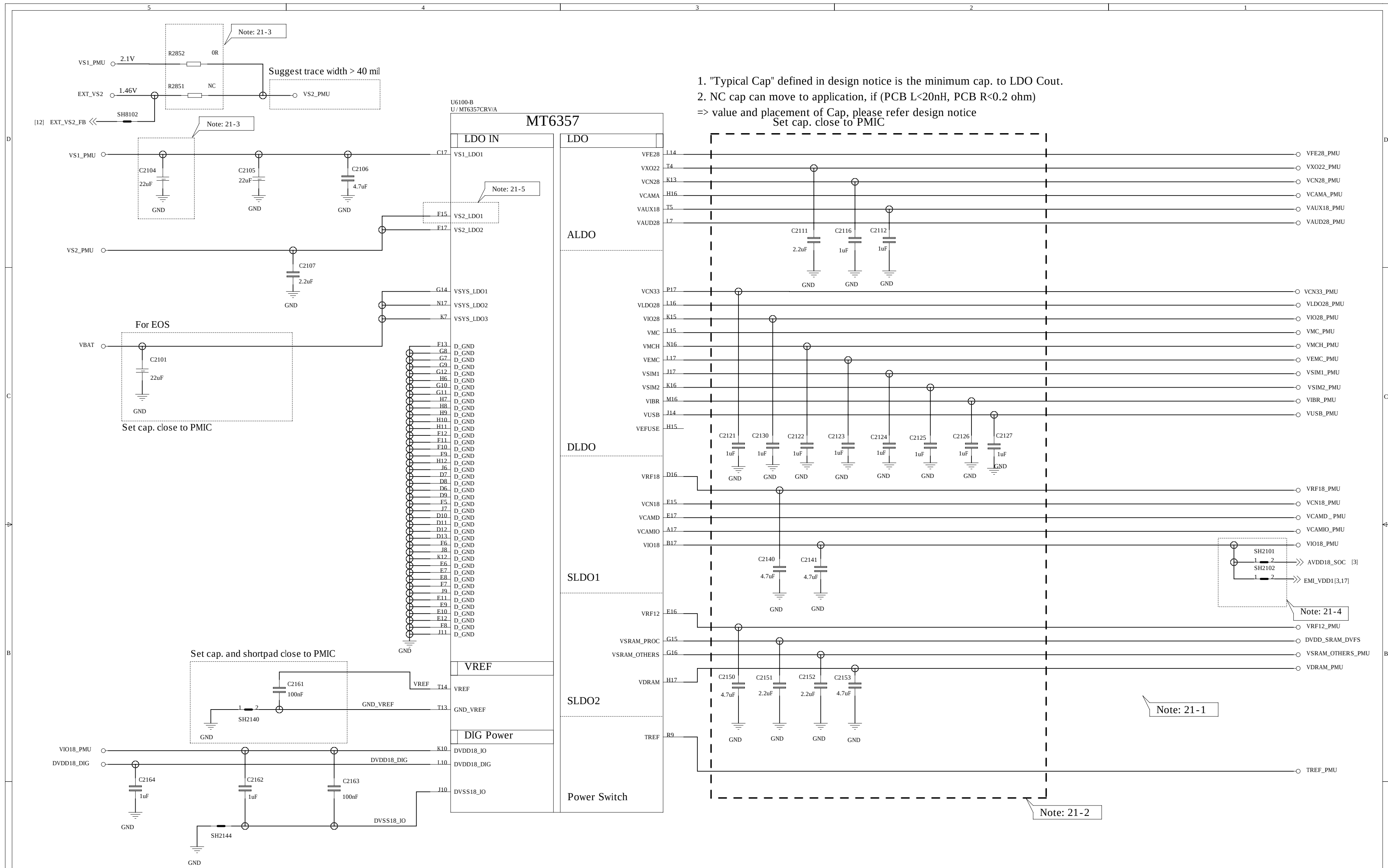










Schematic design notice of "21_POWER_MT6357_LDO"

Note 21-1: If these power trace can meet LDO layout constraint, these CAP can be NC or removed.

Note 21-2: Please refer to MT6357 design notice.
Output cap range please follow MT6357CRV LDO design notice

Note 21-3: Ext Buck BOM option

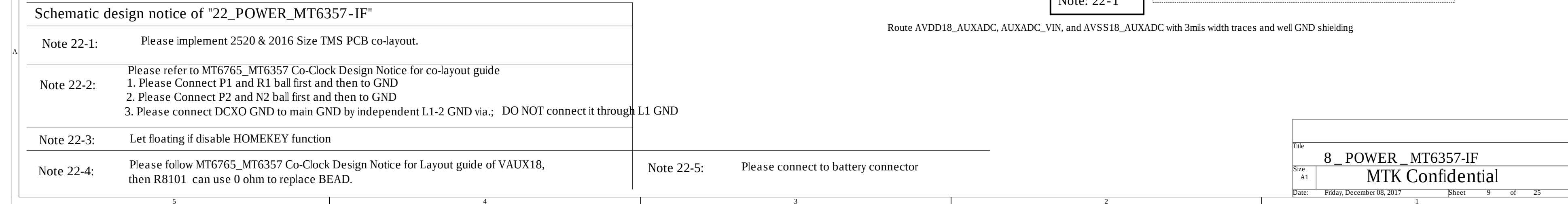
Ext. buck option		
	w/ EXT VS2 Buck	w/o EXT VS2 Buck
C2104	10uF	22uF
R2851	0-ohm , 0603	NC
R2852	NC	0-ohm , 0603

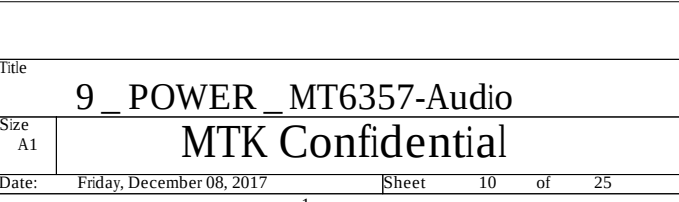
Note 21-4: Please set SH2101 and SH2102 close to C2141, making star connection among VIO18_PMU, AVDD18_SOC, and EMI_VDD1 near to LDO cap. C2141

Please also refer to MT6357 design notice for further detail design information

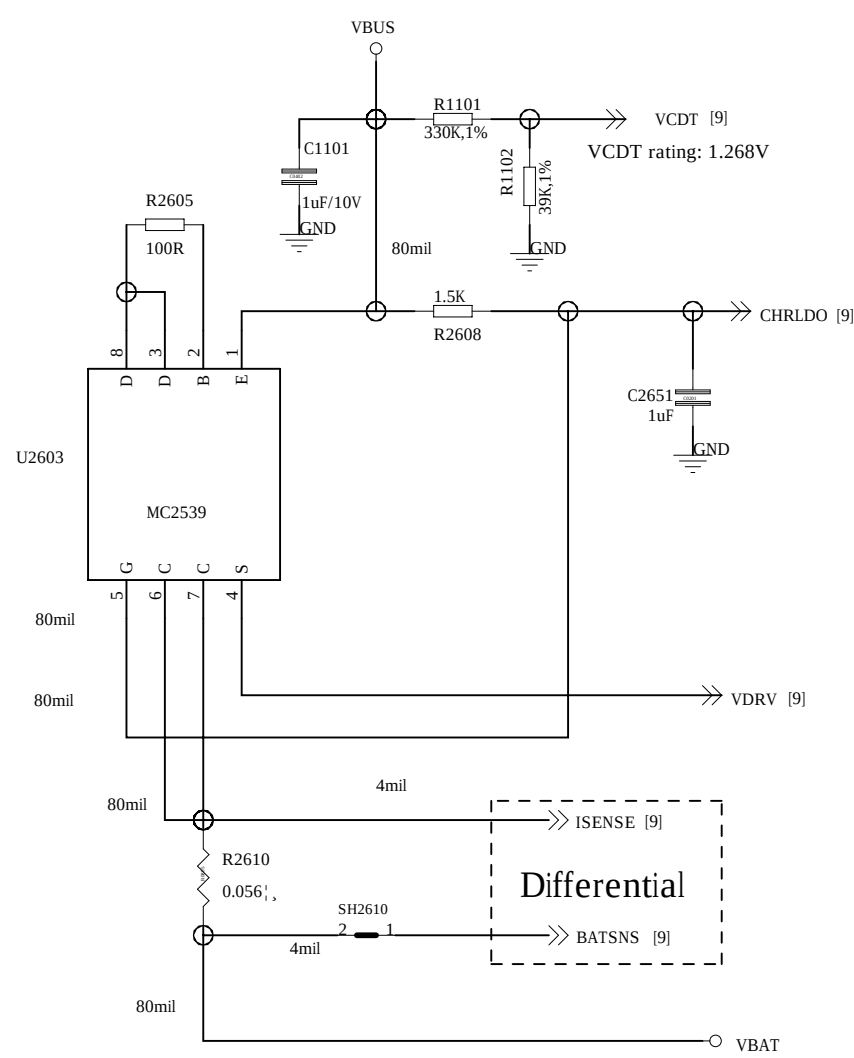
Note 21-5: Please connect VS2_LDO1(F15) to VS1_PMU if voltage applied to VCAMD(E17) >= 1.3 V

7_POWER_MT6357-LDO
MTK Confidential



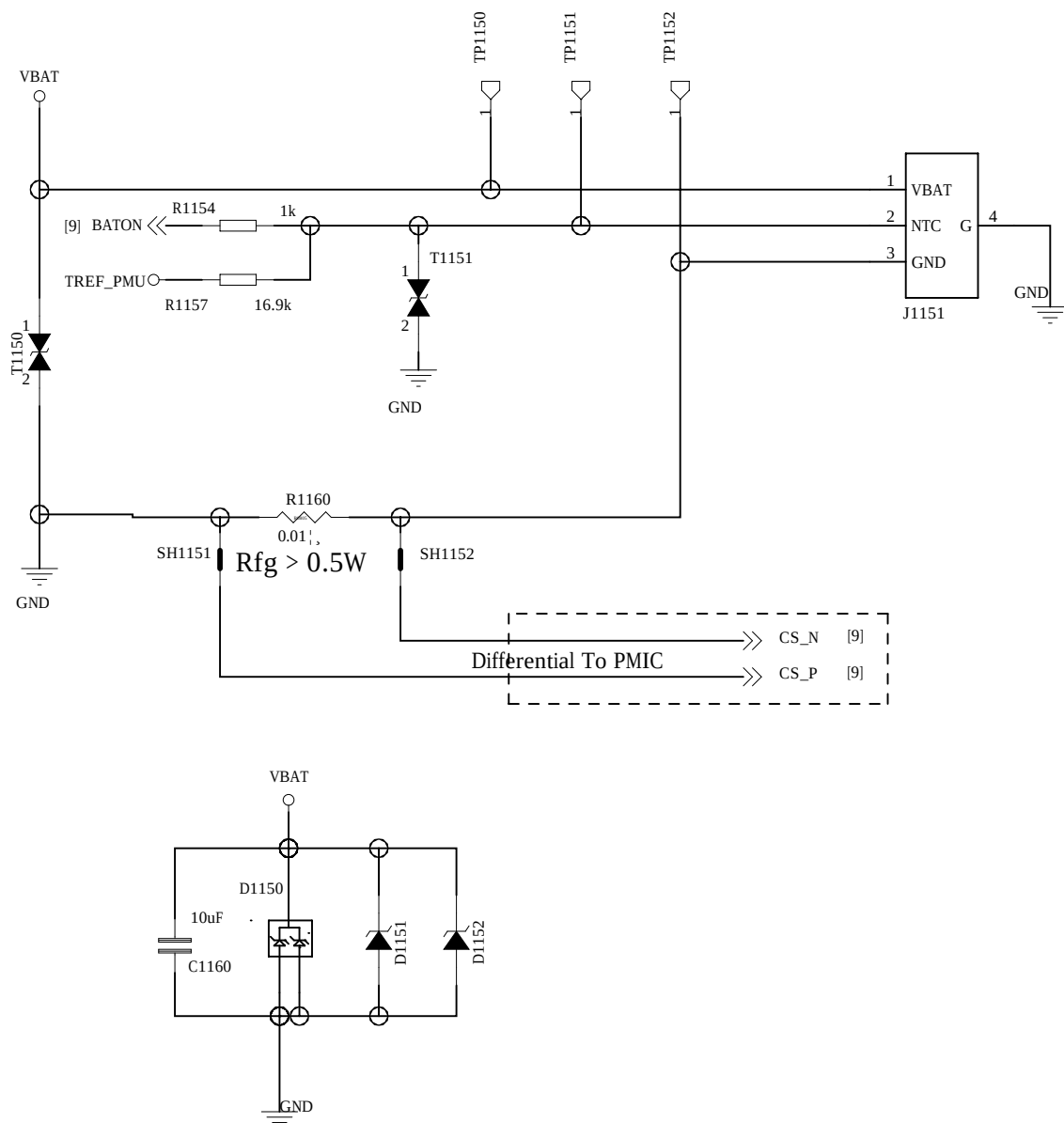


Charger

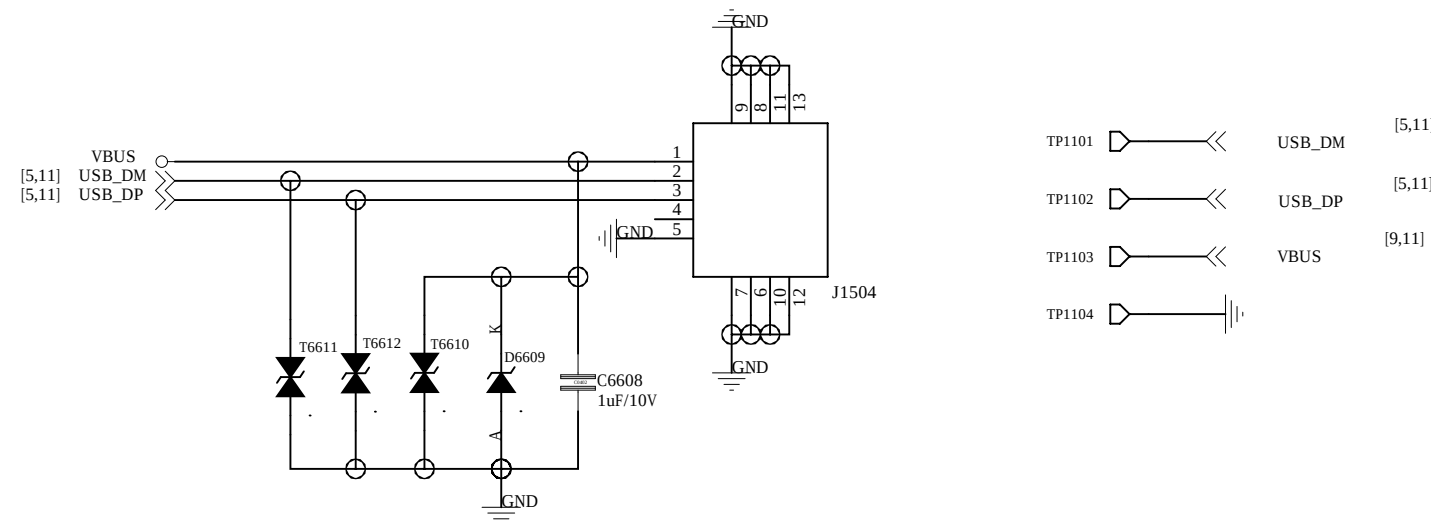


Close To Bat Connector
Care about thermal

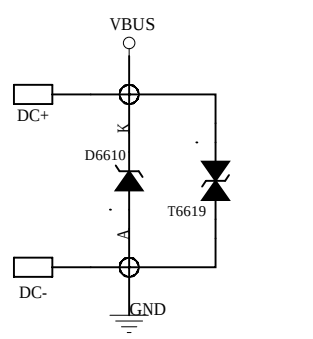
BATTERY
CONNECTOR



USB



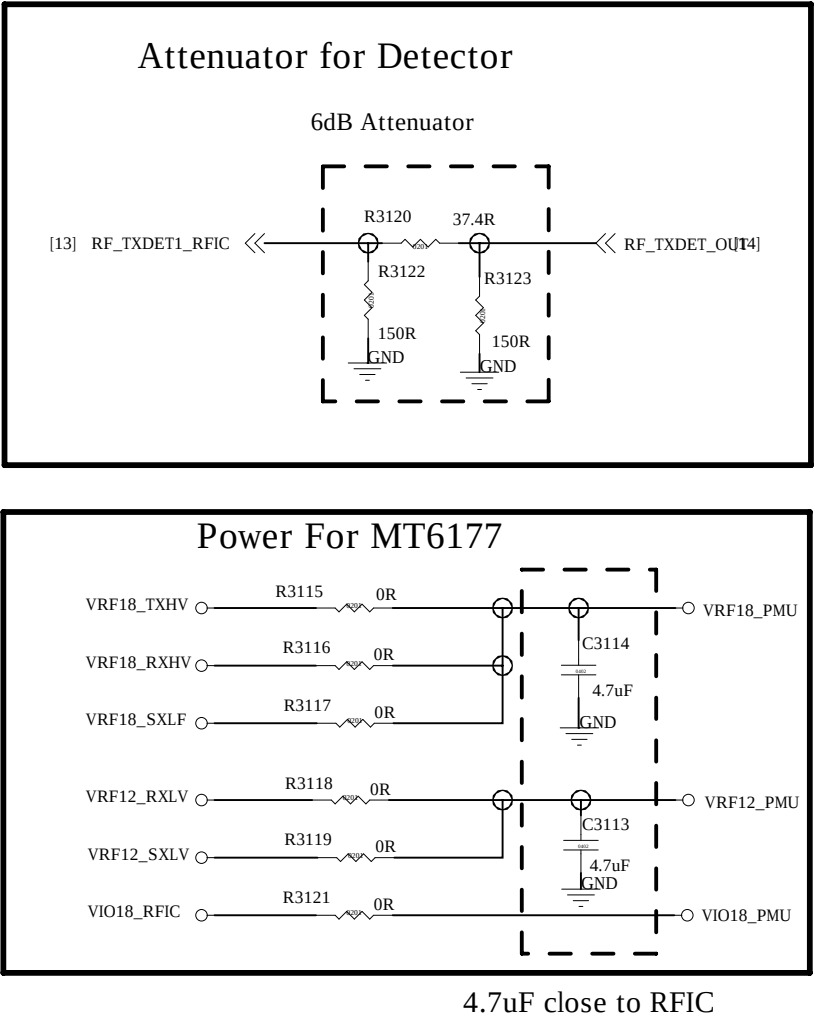
Pedestal



PRX/DRX1~8:LMB:600M~2.025G
PRX/DRX9~12:MHB:1.805M~2.69G

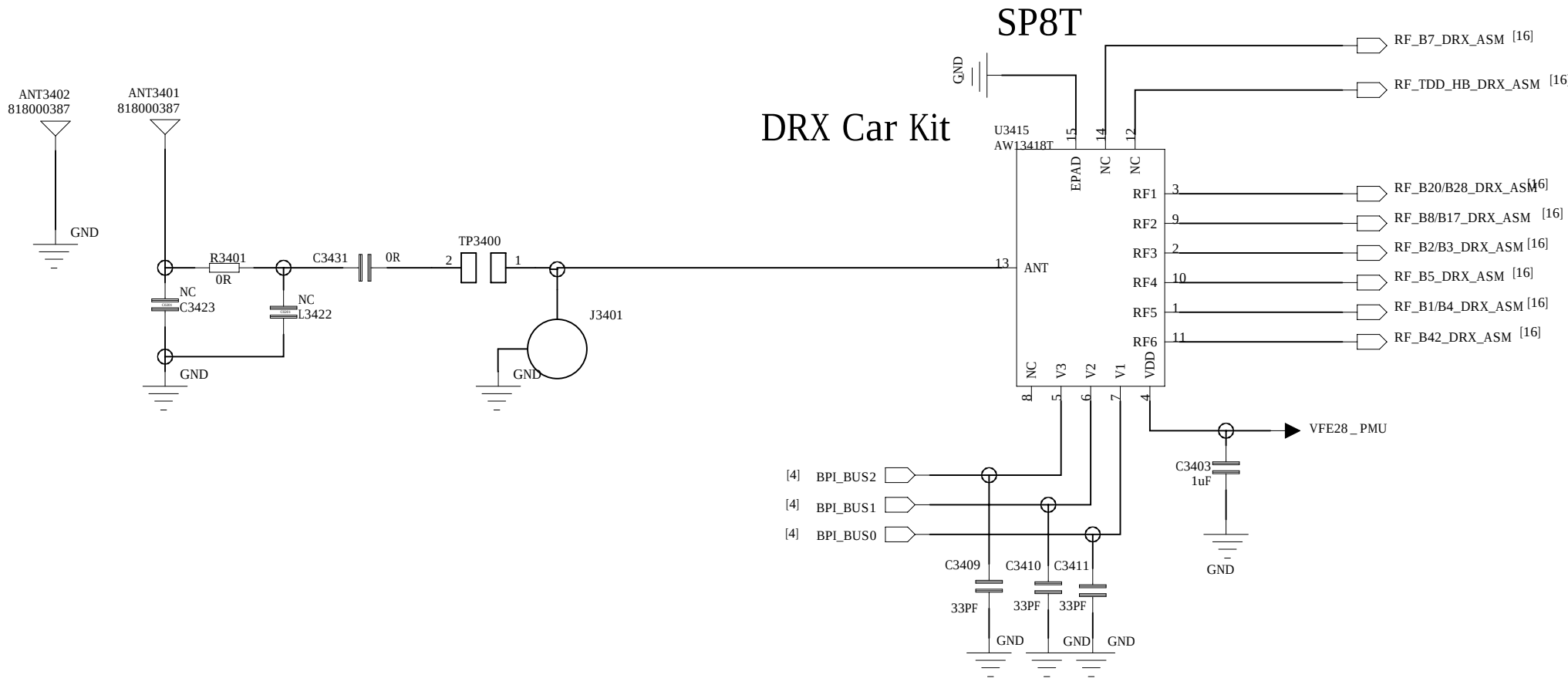
Only PRX1-8 can be assigned to GSM HB

MT6177

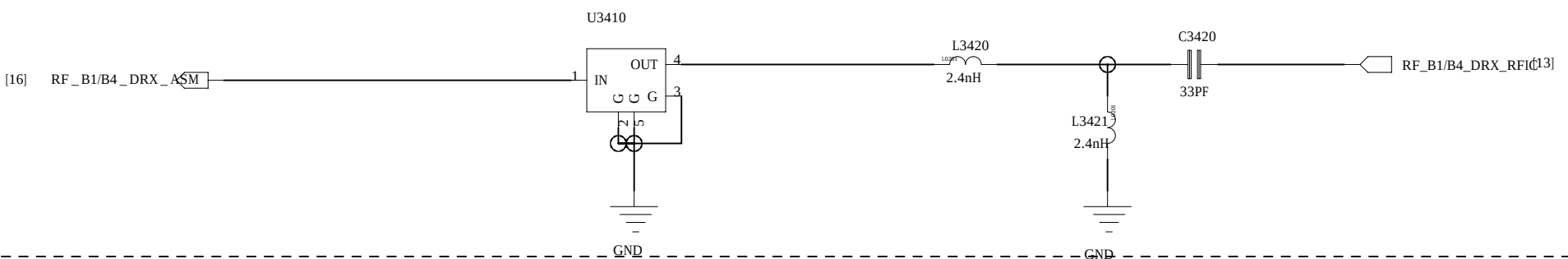




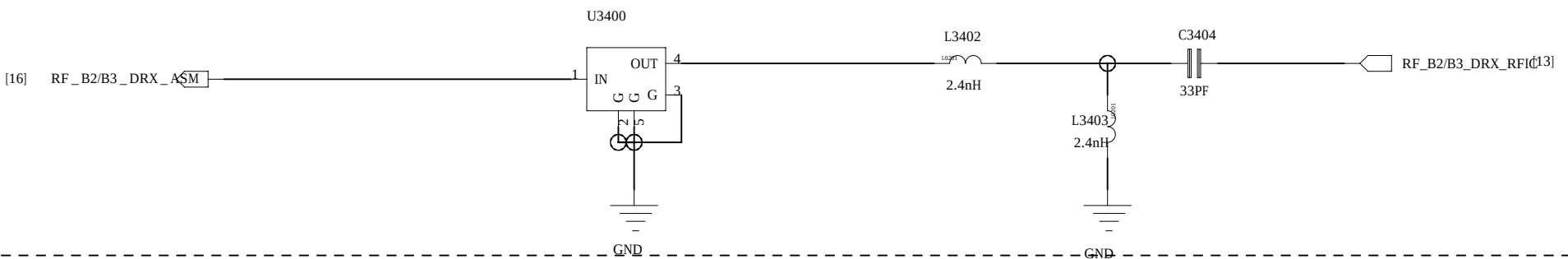
DRX Antenna



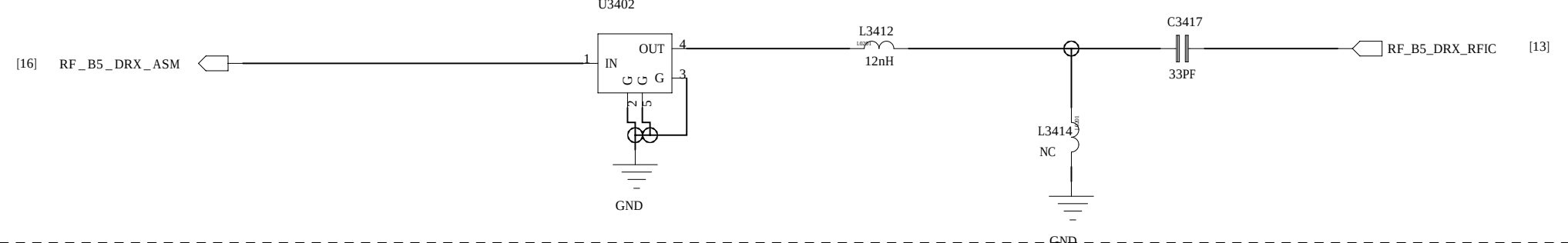
Band 1/4



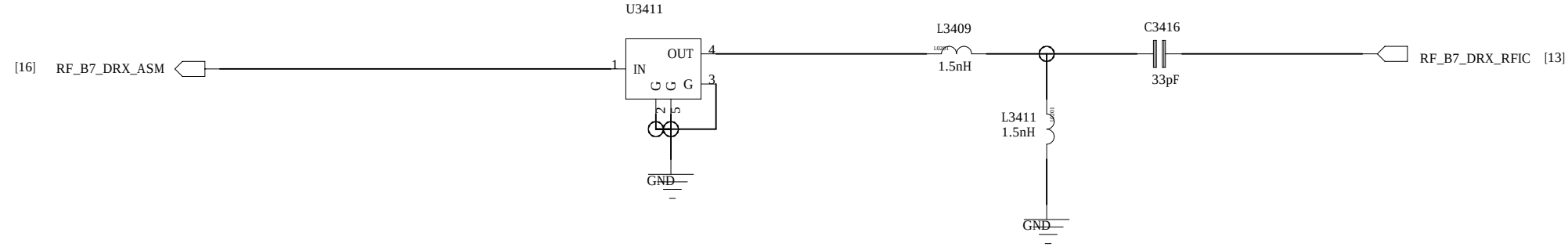
Band 2/3



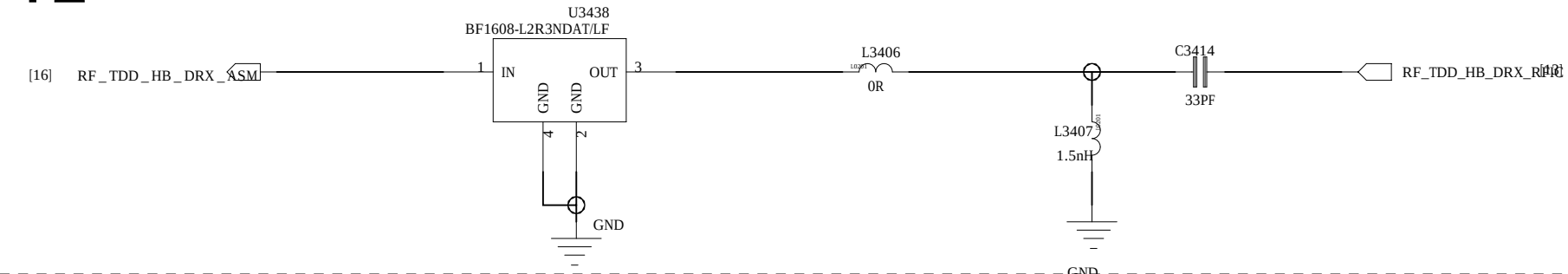
Band 5



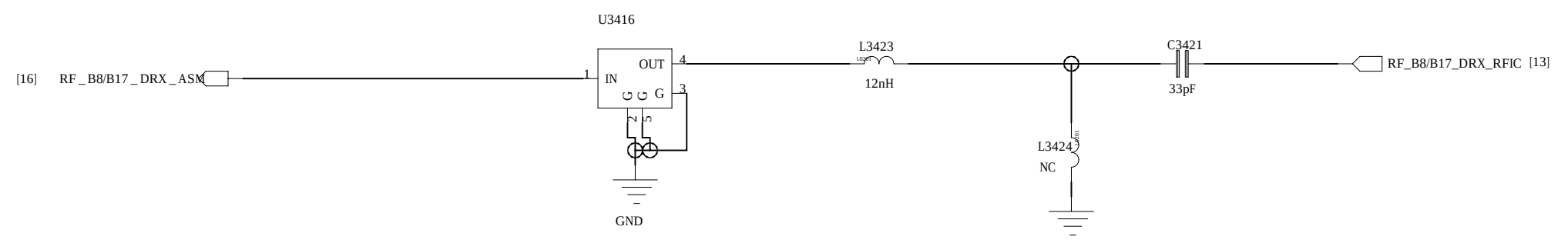
Band 7



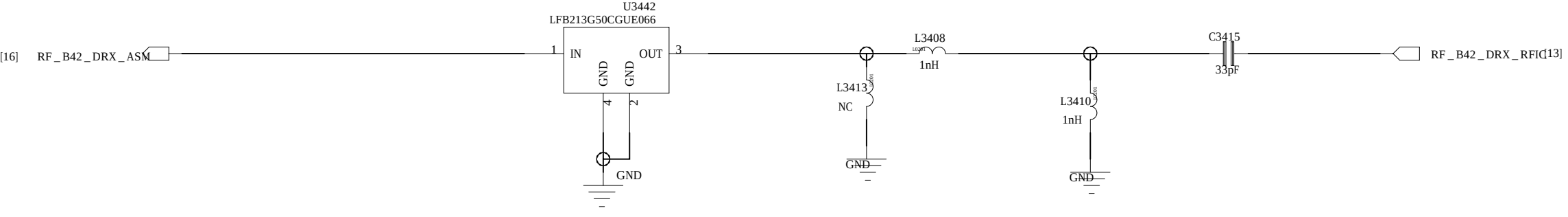
Band 40/41



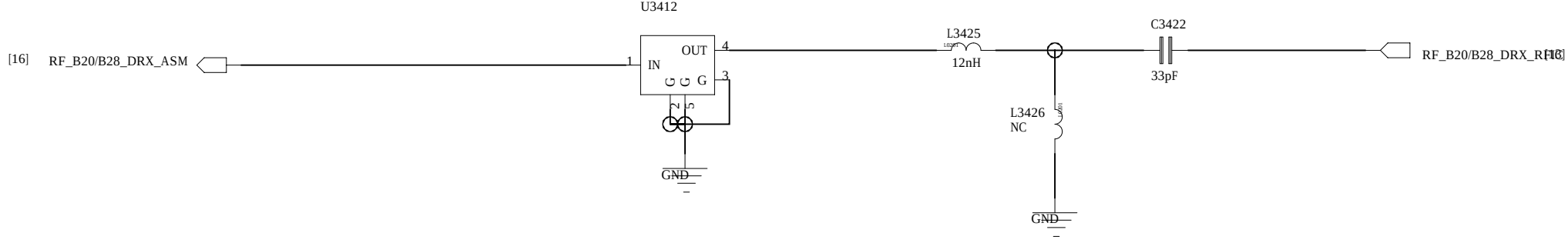
Band 8/17

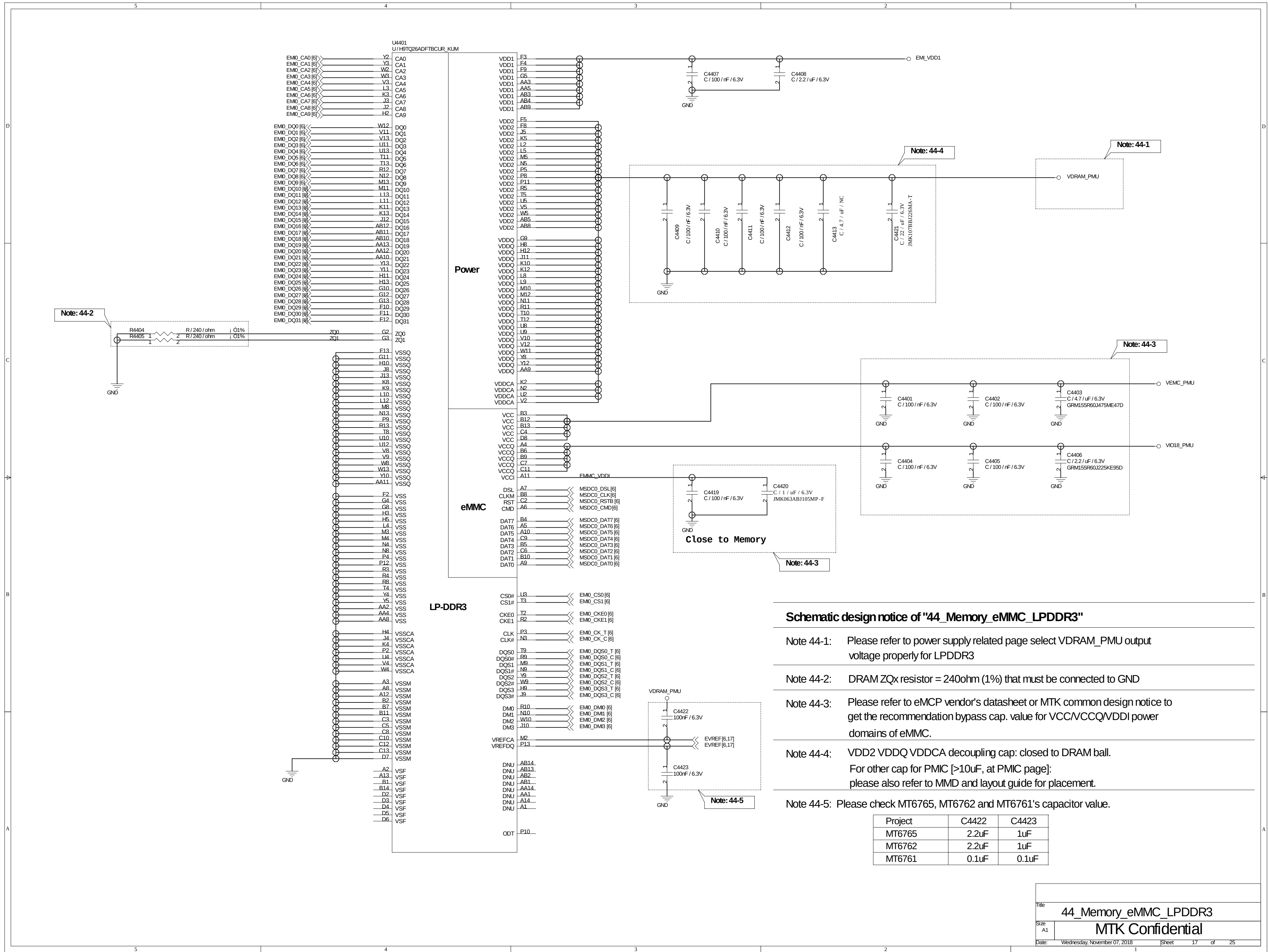


Band 42

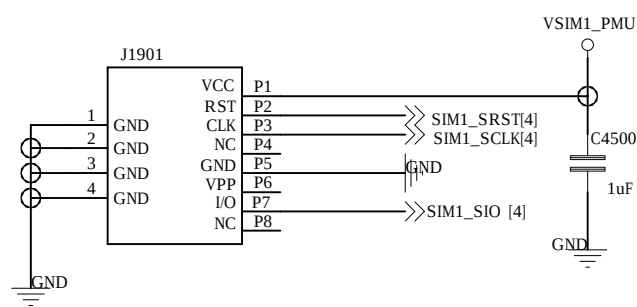


Band 20/28

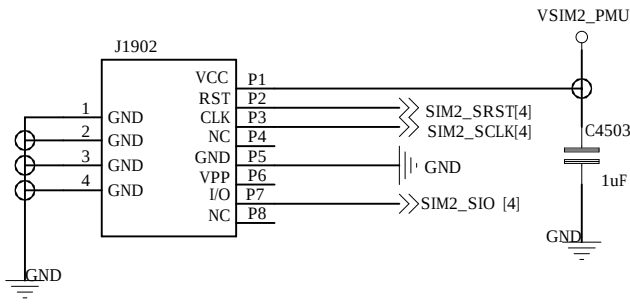




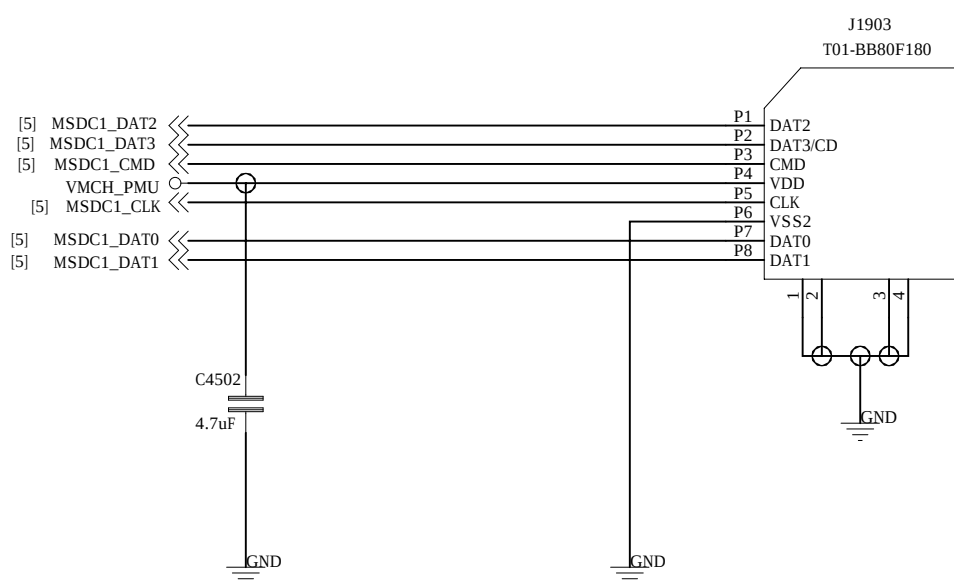
NANO_SIM1



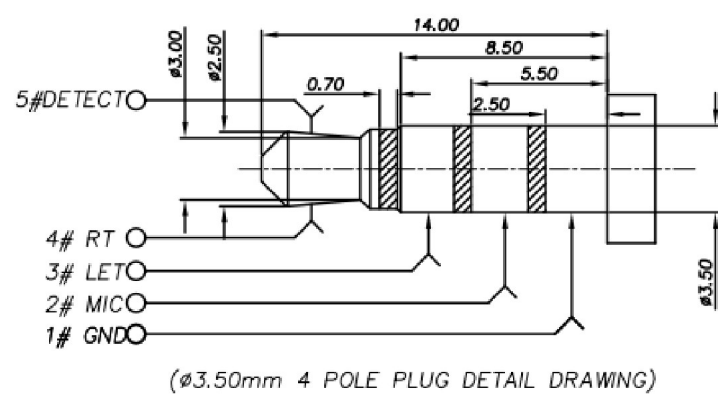
NANO_SIM2



T_Card



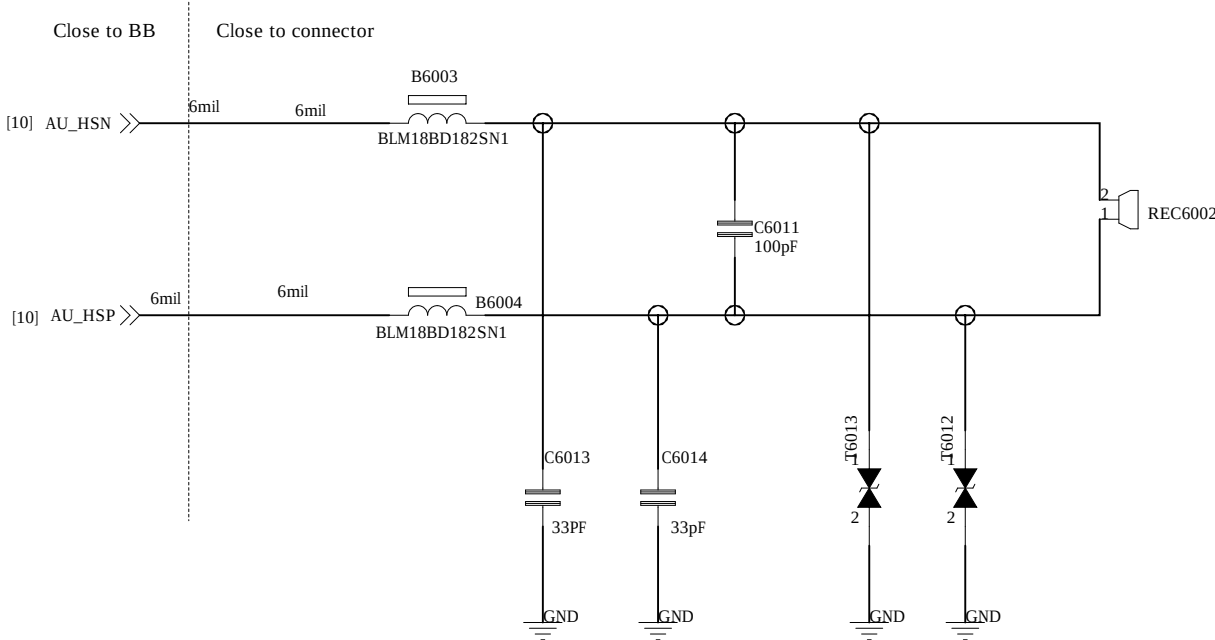
Earphone EINT



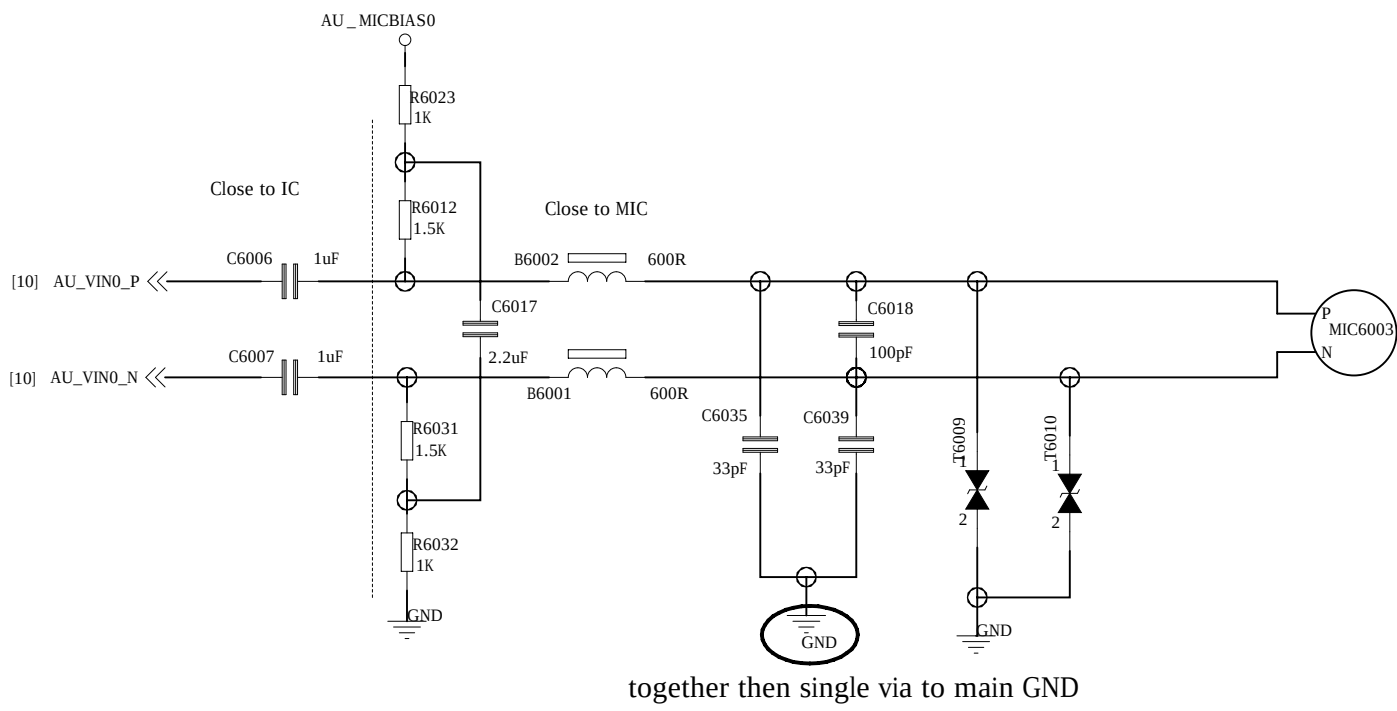
	Earphone Jack @ Main board	Earphone Jack @ Sub board
R6513	0 ohm	100nF

Date: Friday, December 08, 2017 Sheet 20 of 25

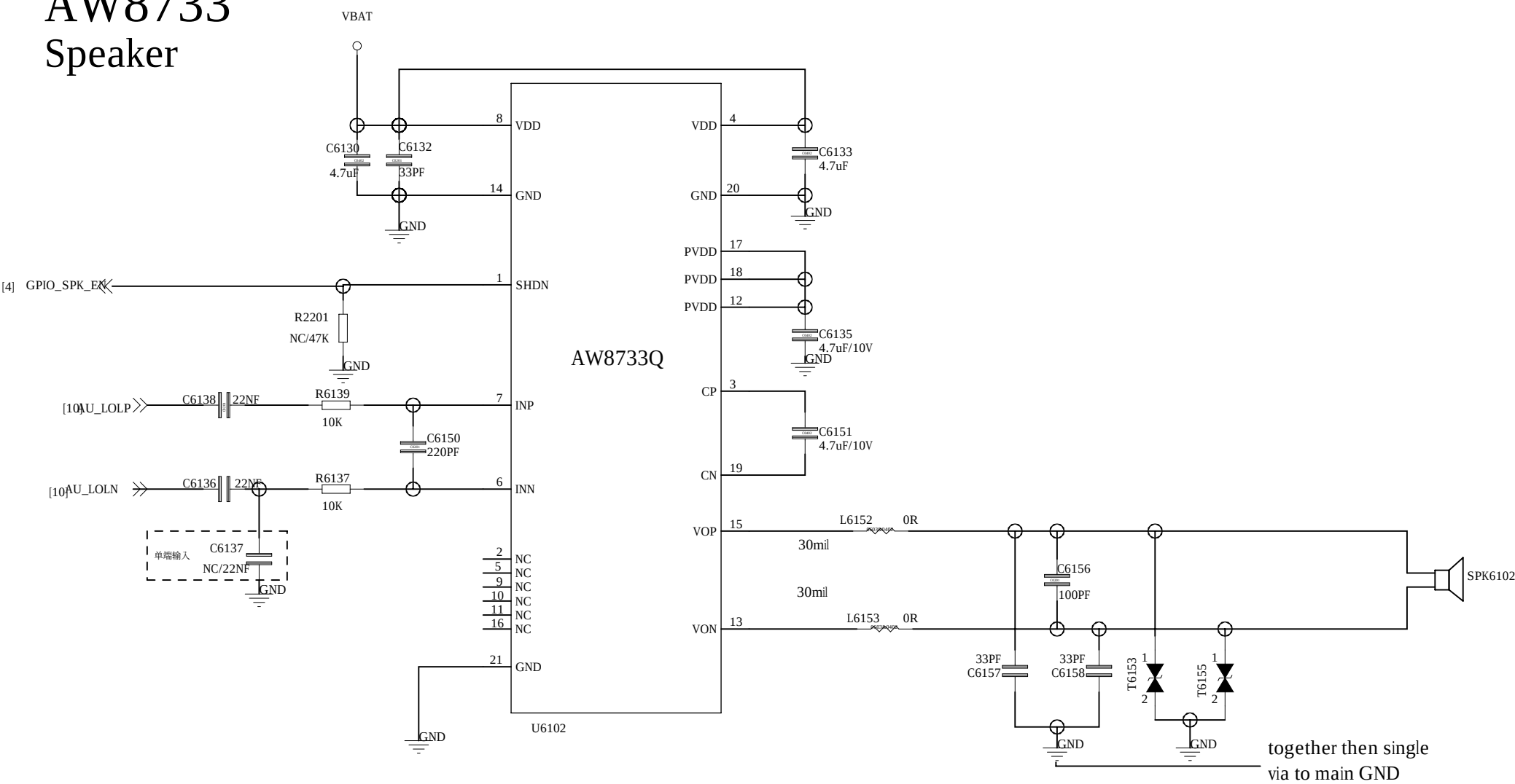
Receiver

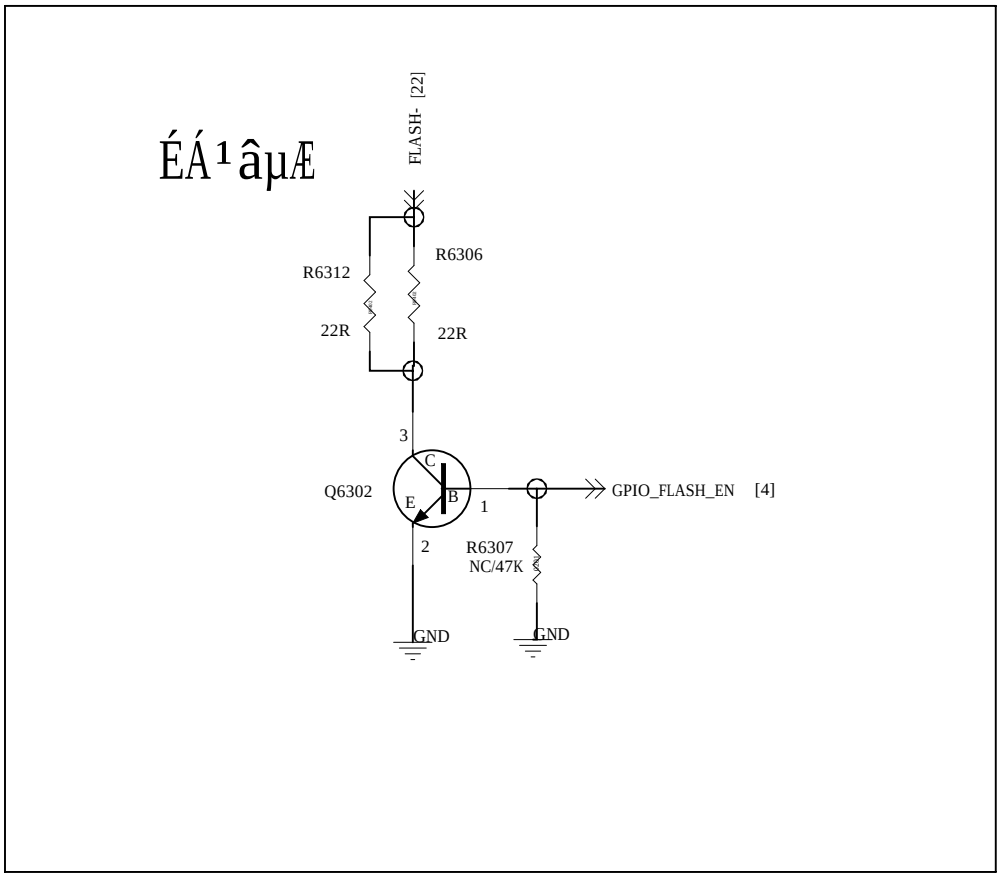
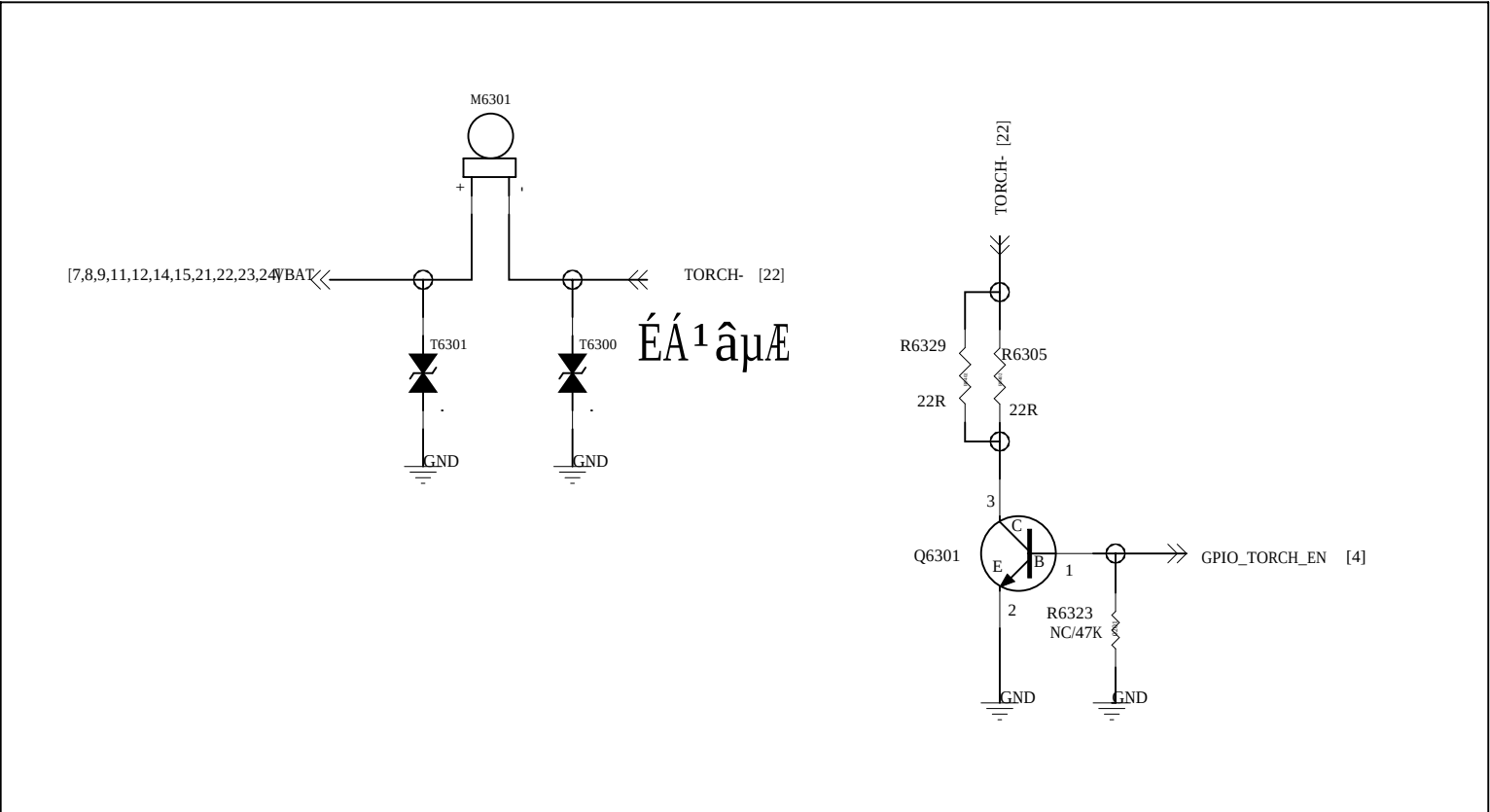
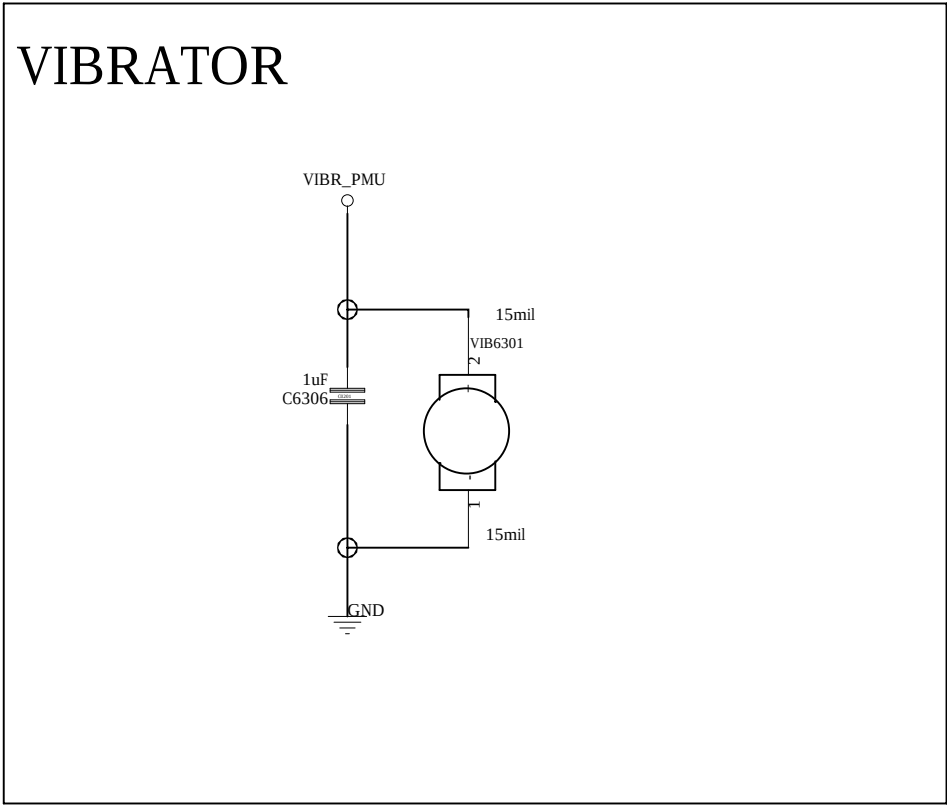
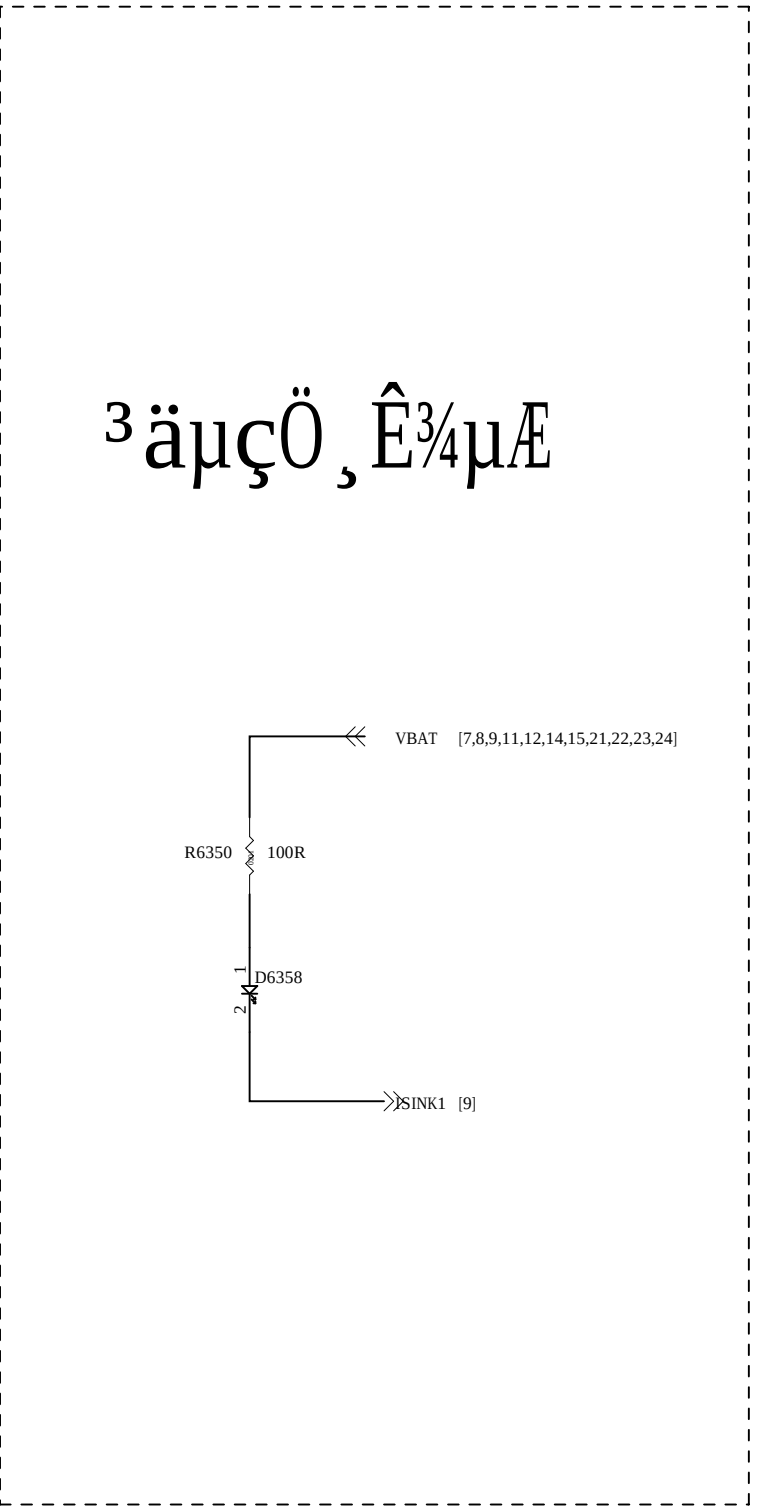
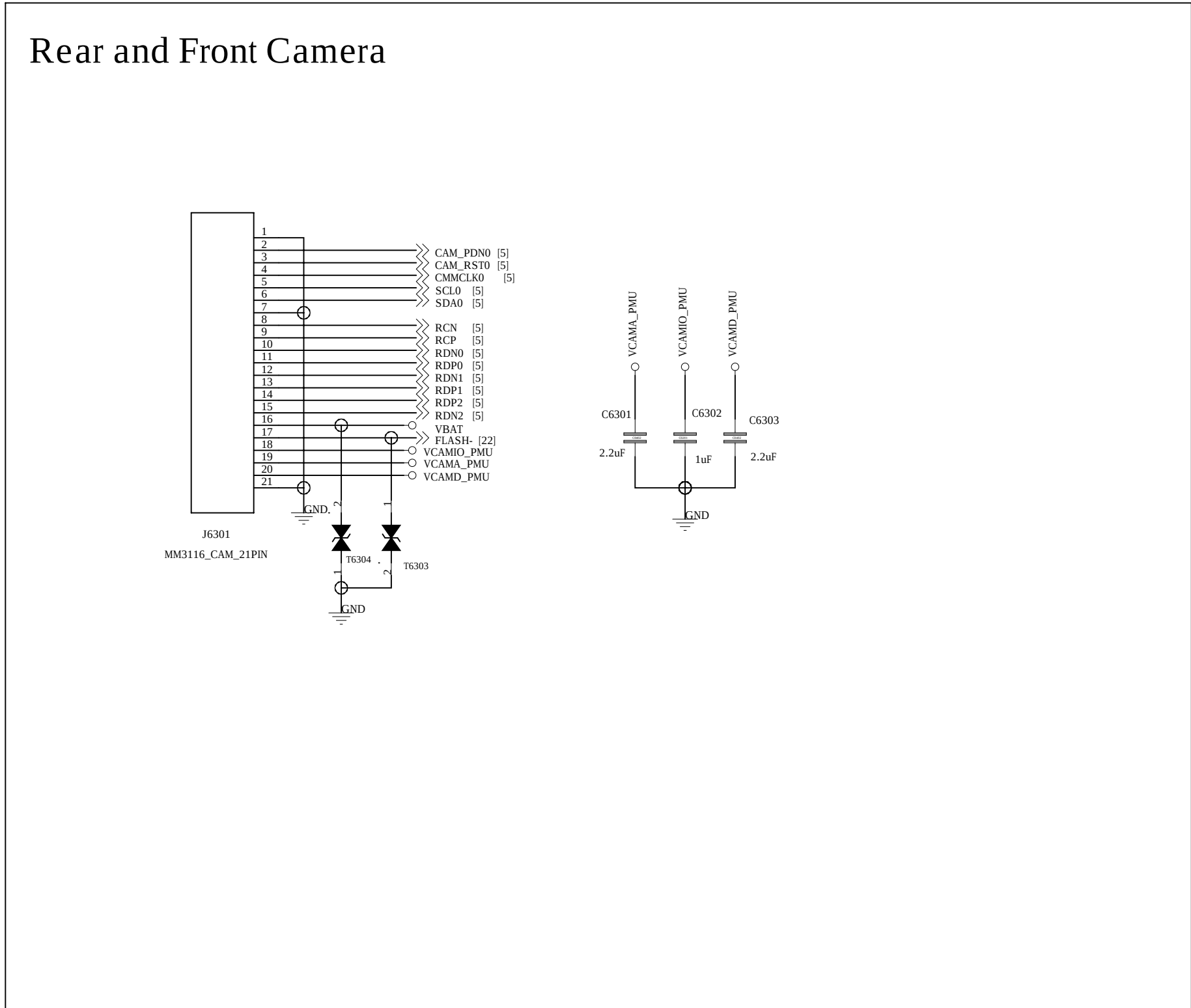


Microphone



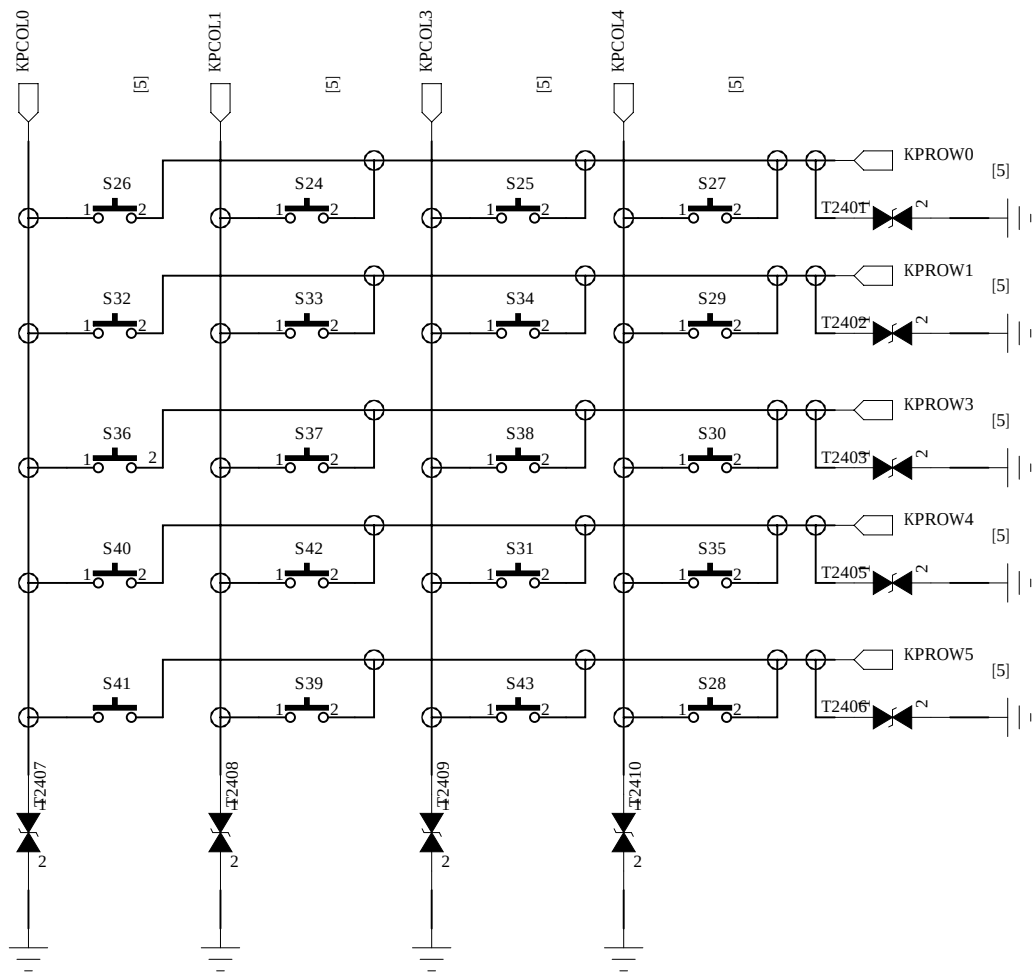
AW8733
Speaker





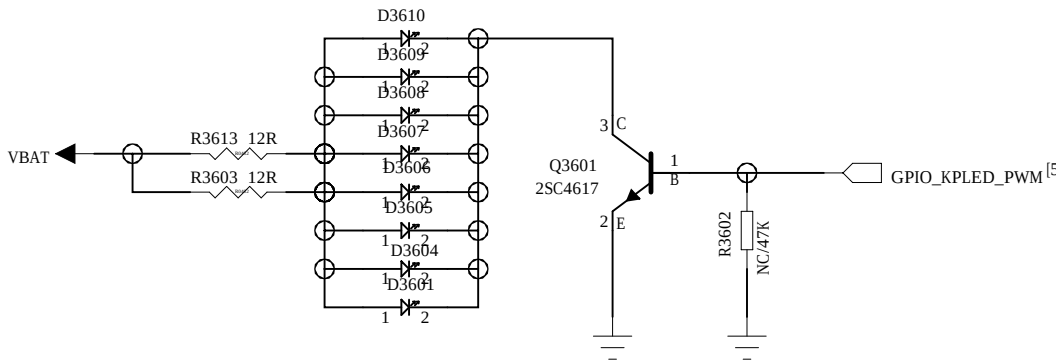
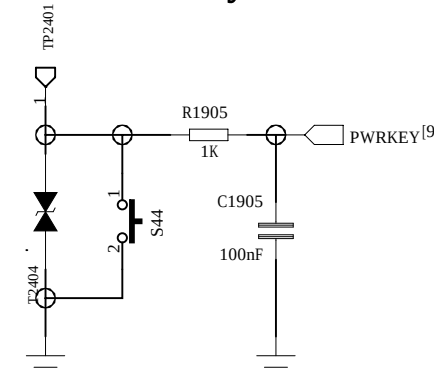
REVISION RECORD			
LTR	ECO NO.	APPROVED:	DATE:

KEYPAD

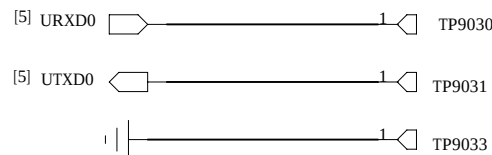


KEYPAD LED

Power Key



Debug



Hole



COMPANY: <Company Name>

TITLE: <Title>

DRAWN: <Drawn By>	DATED: <Drawn Date>			
CHECKED: <Checked By>	DATED: <Checked Date>	CODE: <Code>	SIZE: A1	DRAWING NO: <Drawing Number>
QUALITY CONTROL: <QC By>	DATED: <QC Date>	Revision: <Revision>		
RELEASED: <Released By>	DATED: <Release Date>	SCALE: <Scale>		

