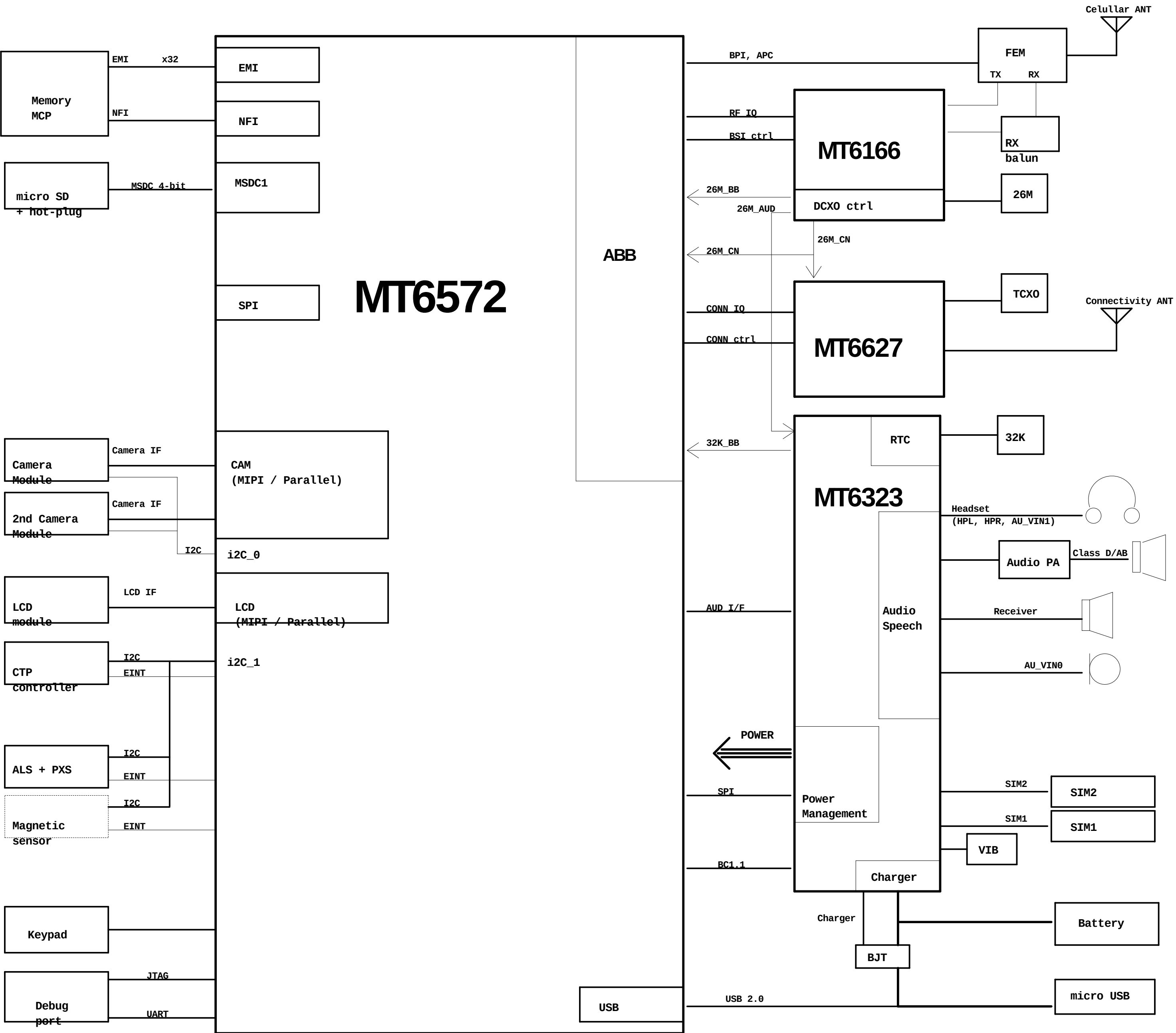
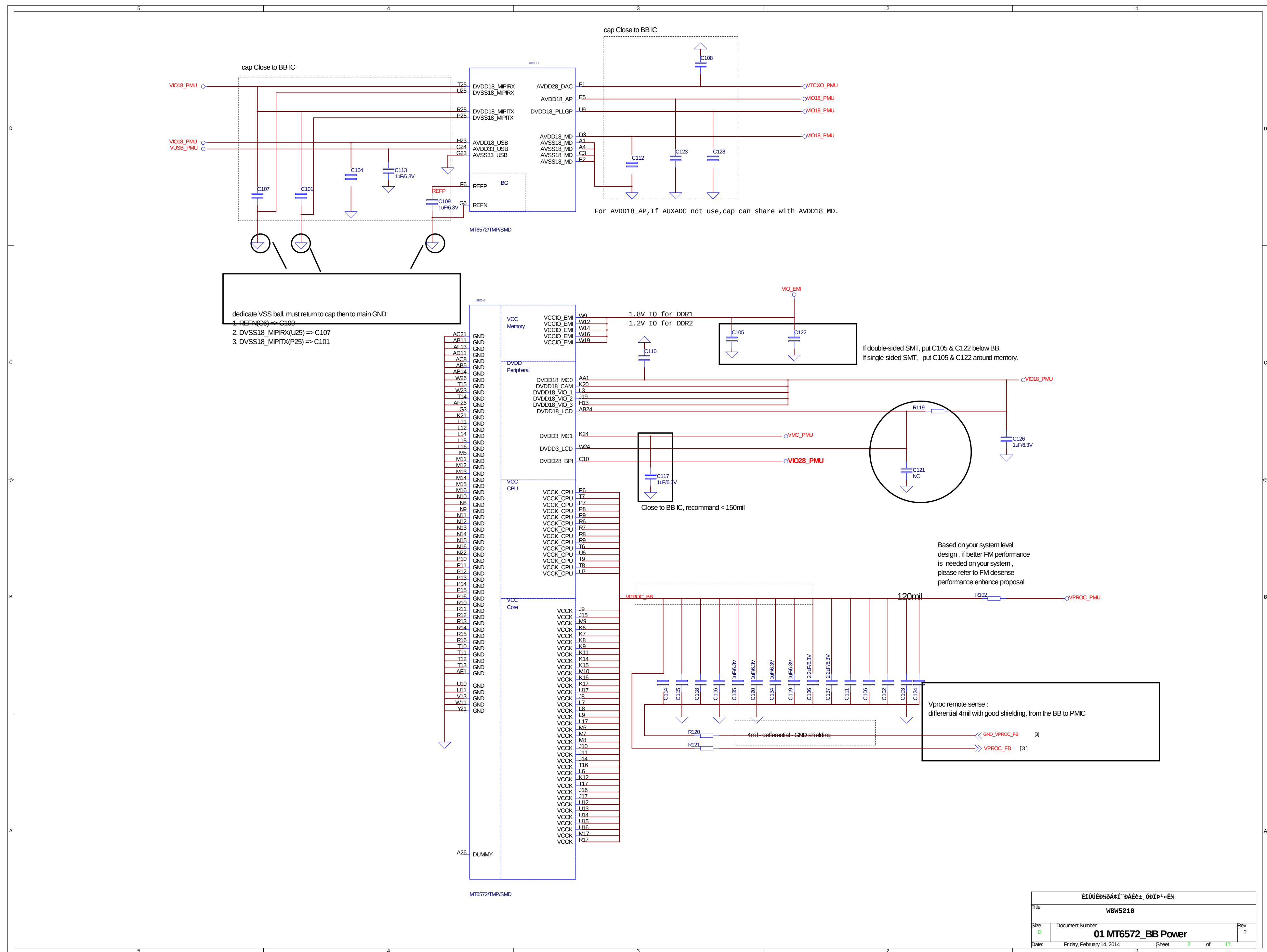
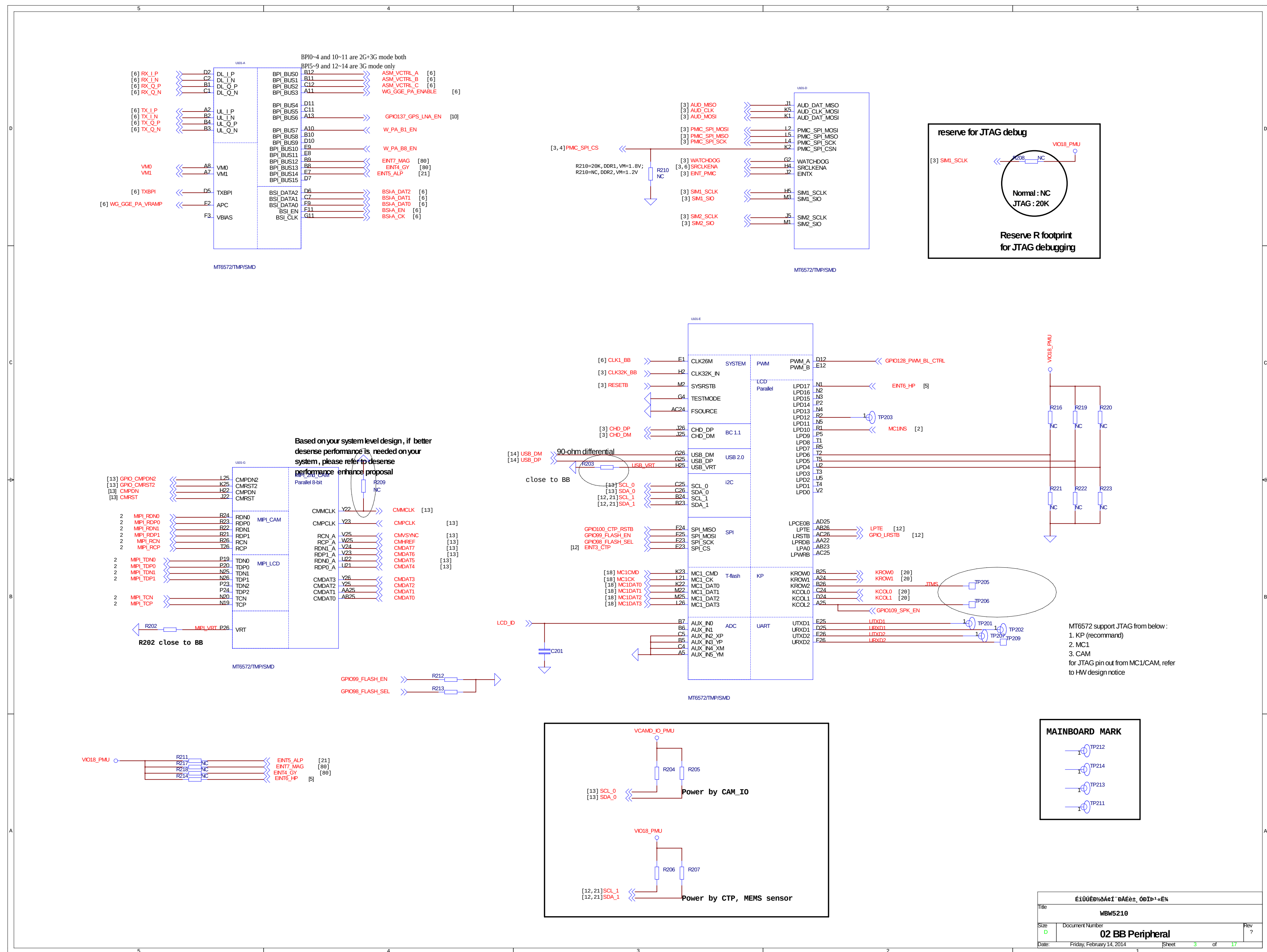
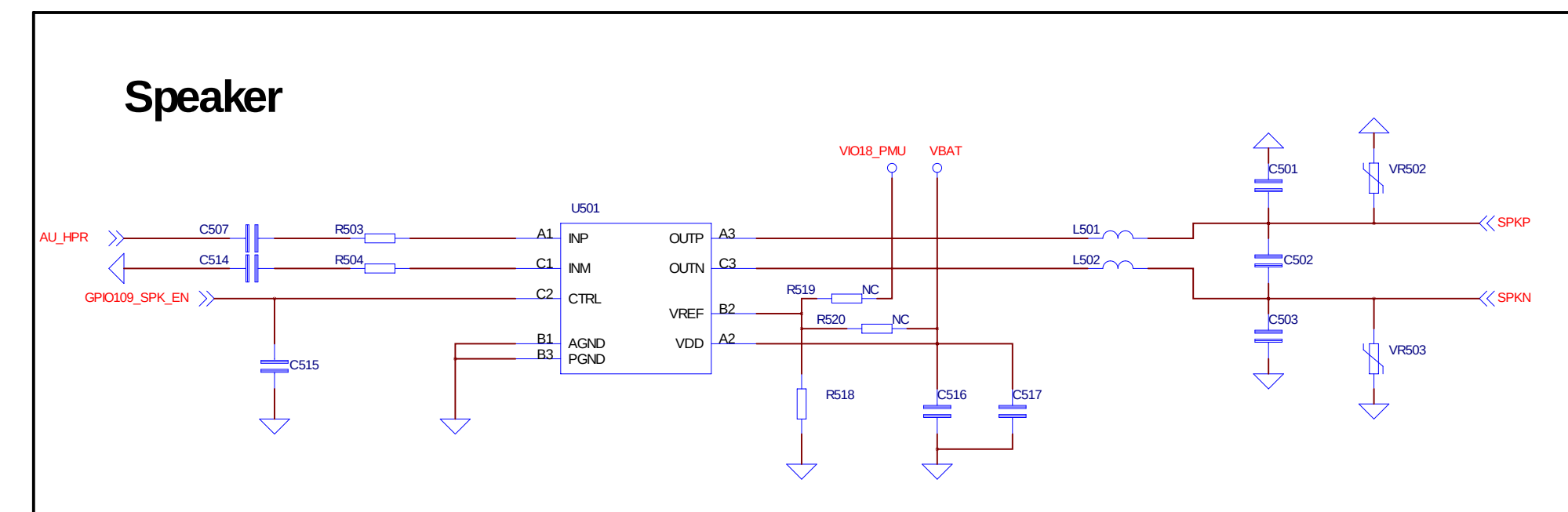
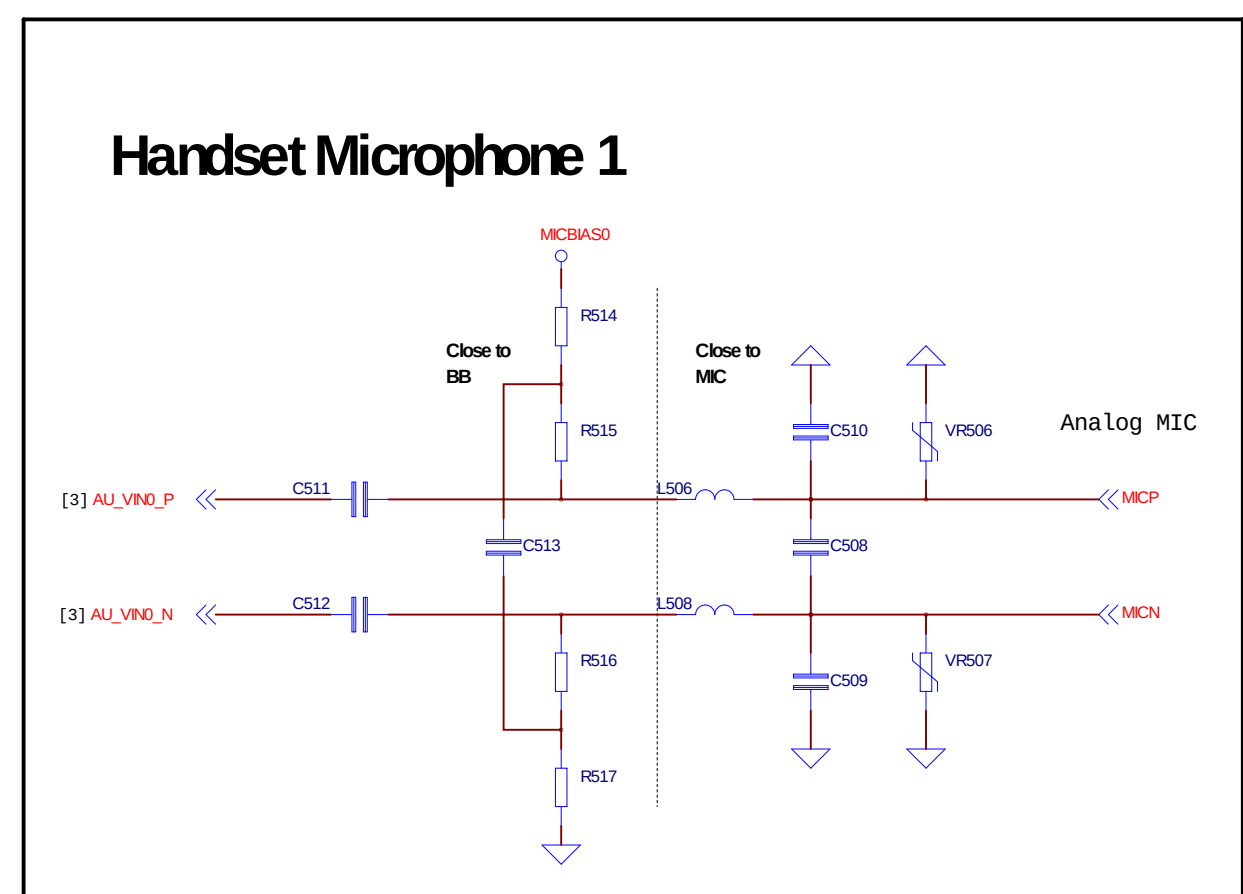
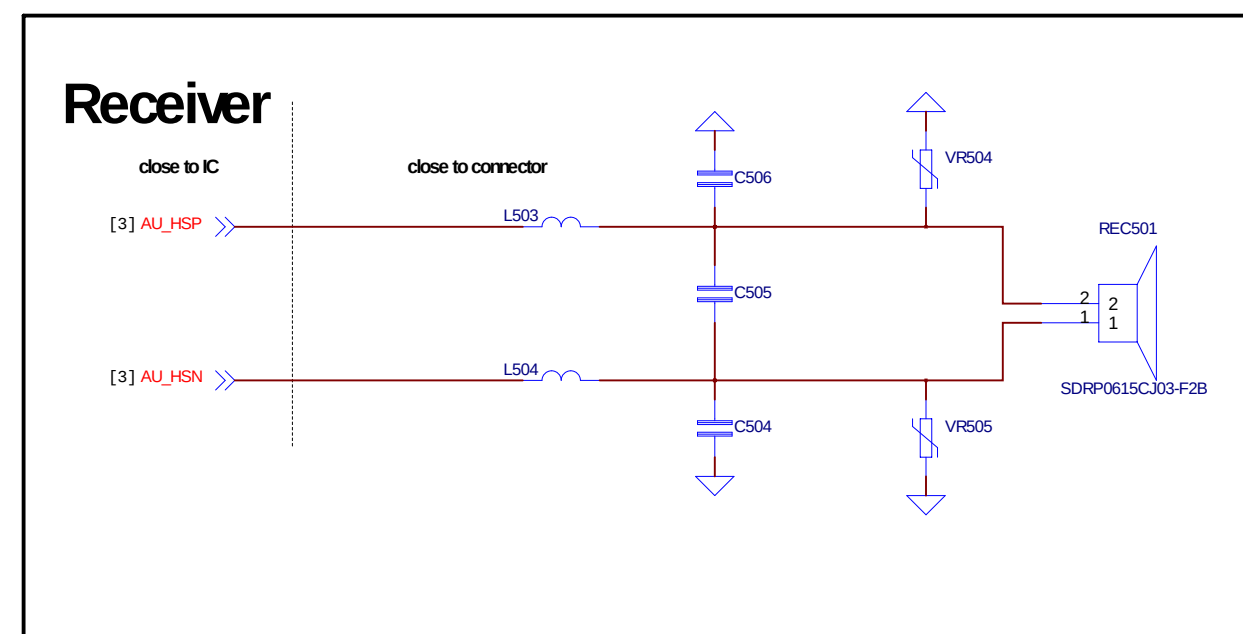


Project : MT6572
REF_SCH TOP LEVEL

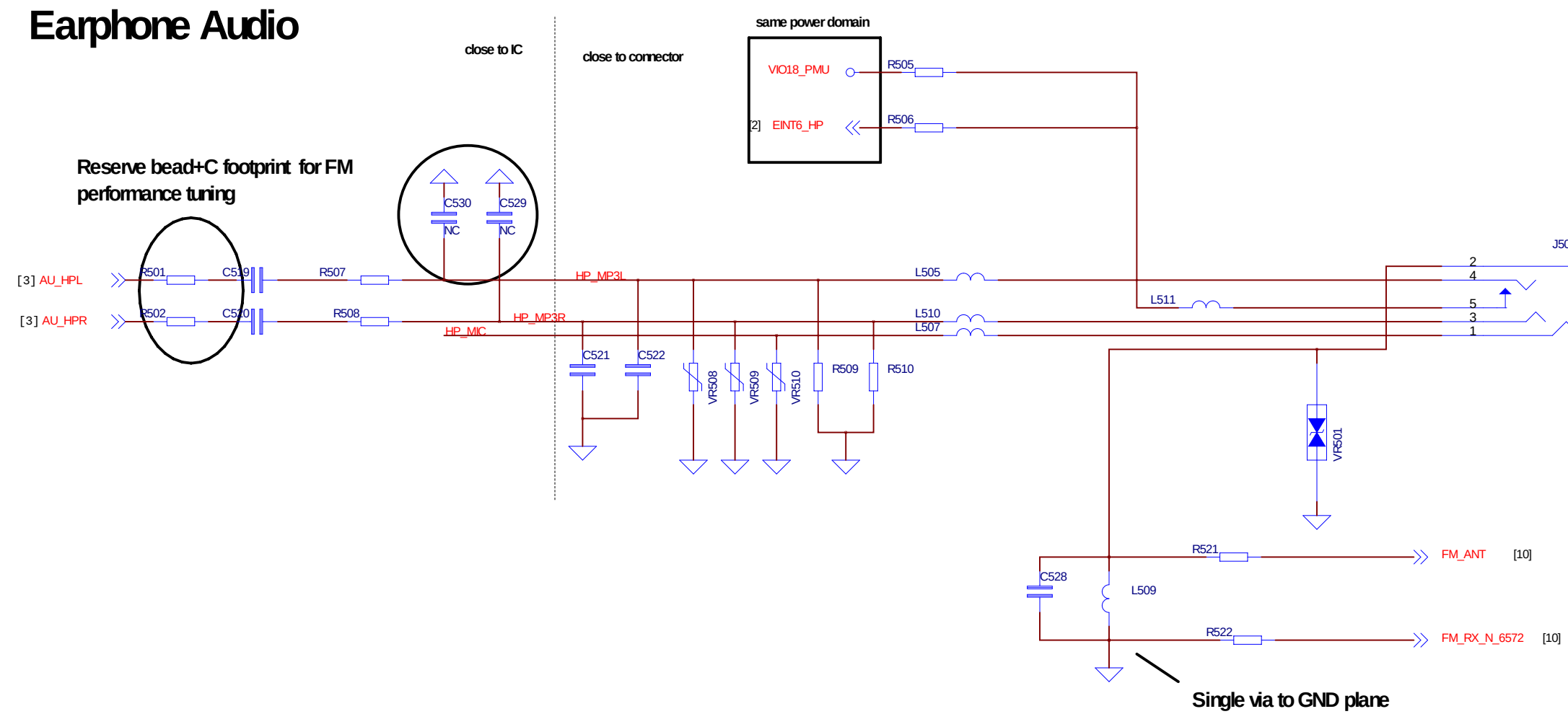




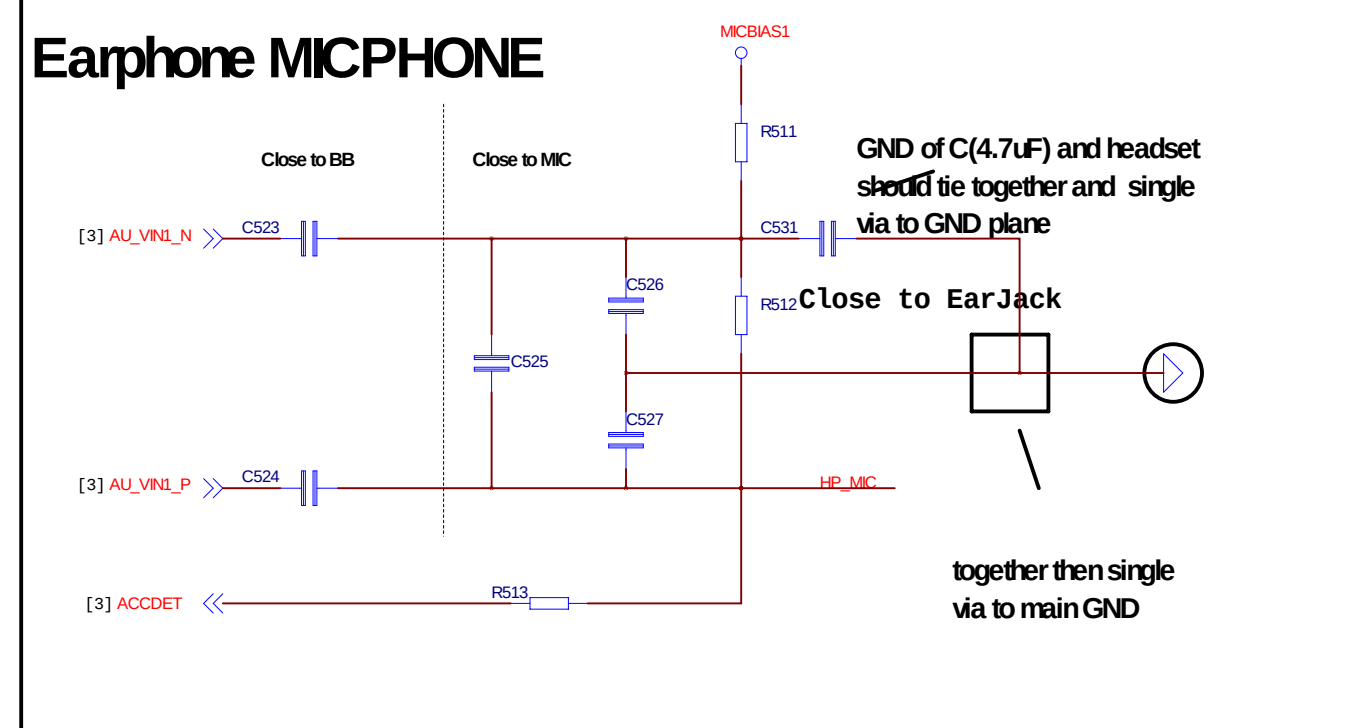


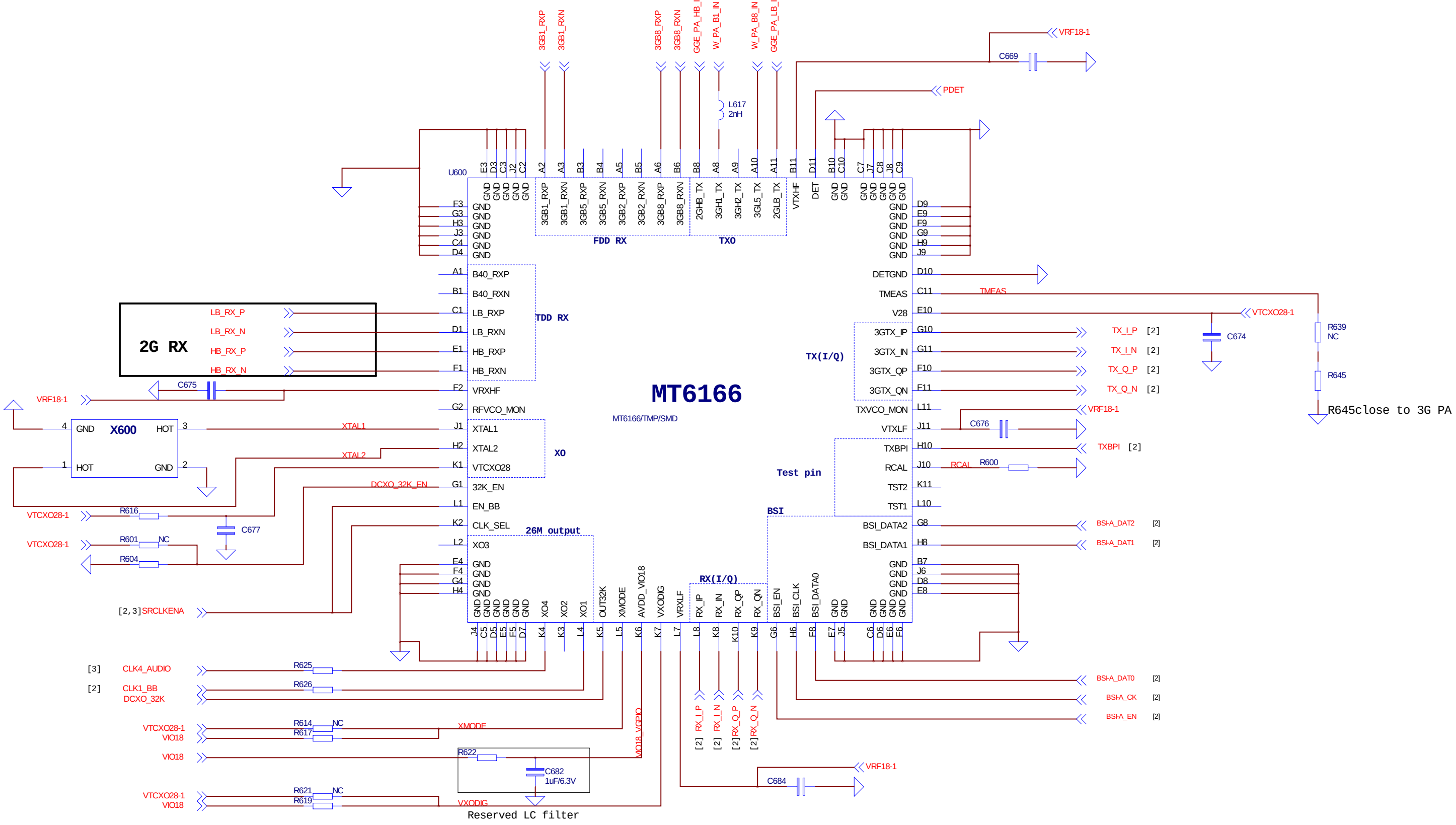
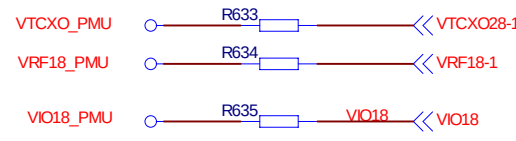
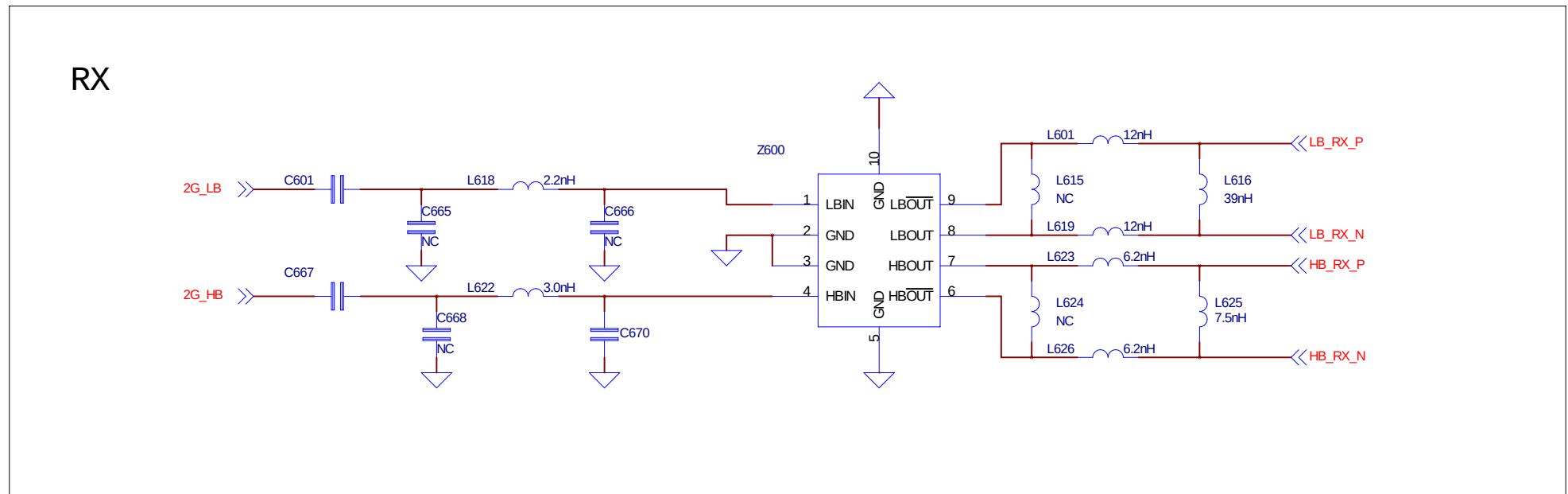
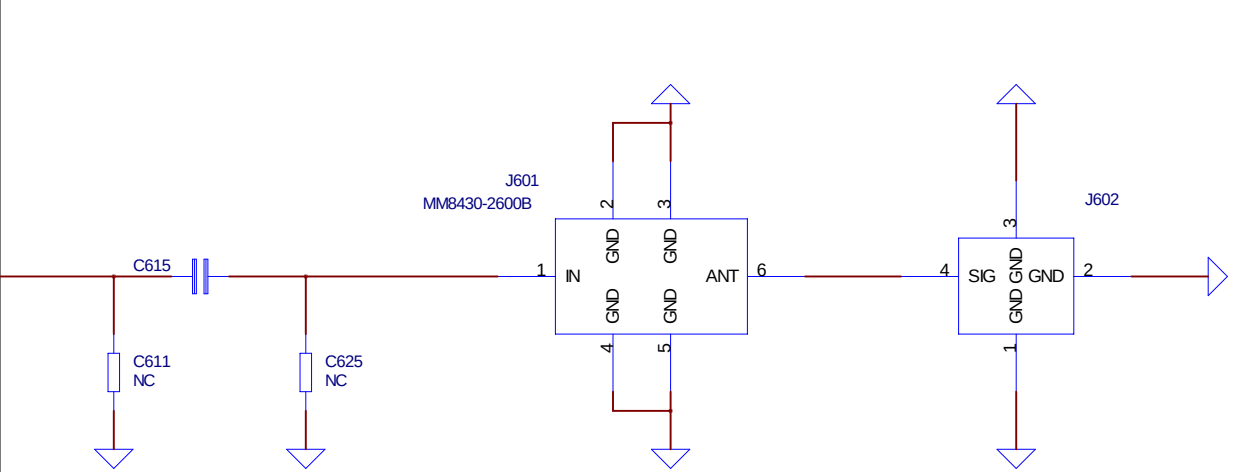
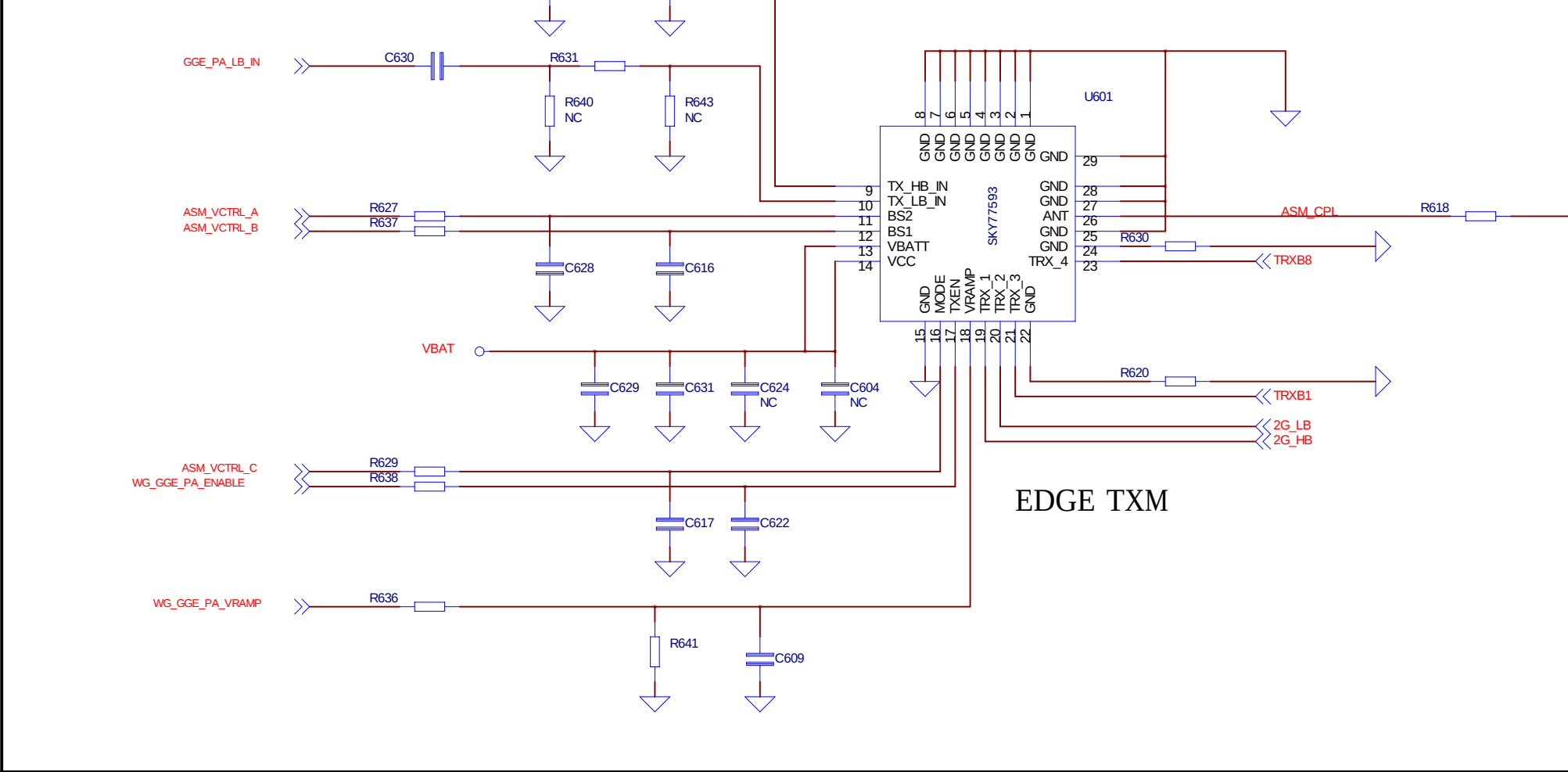


Earphone Audio



Earphone MICROPHONE

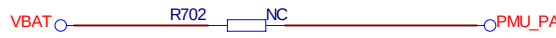
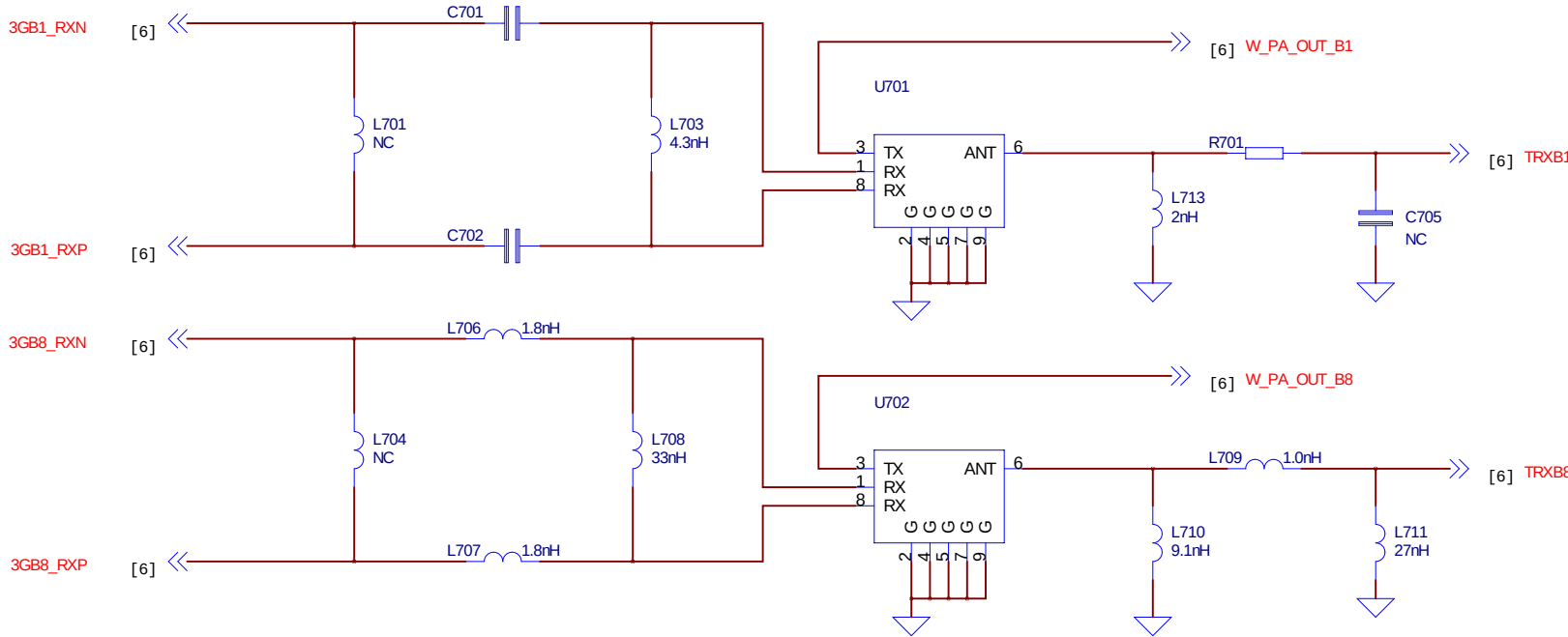




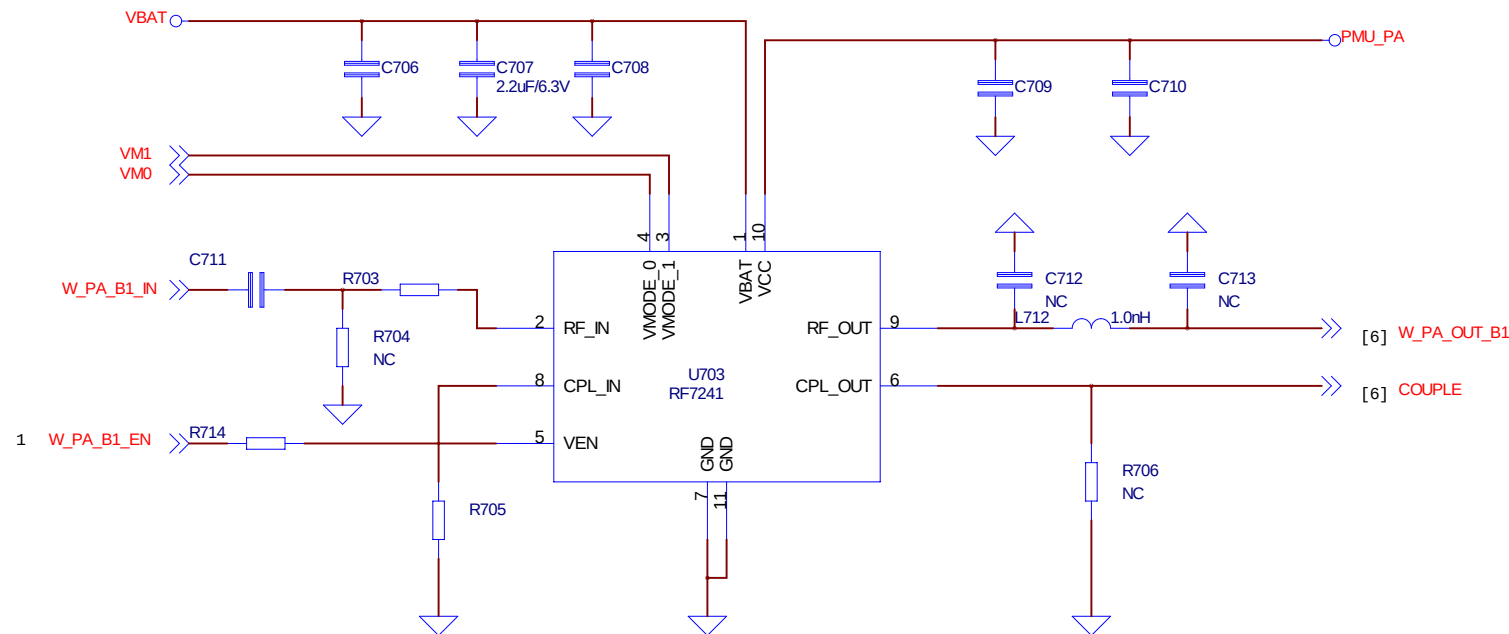
MODE	Logic		
	DCXO	XMODE	VXODIG
DCXO + 32K XO	0 (GND)	1 (VIO18)	1 (VIO18)
DCXO + 32K-Less	1 (VTCX028)	1 (VTCX028)	1 (VTCX028)

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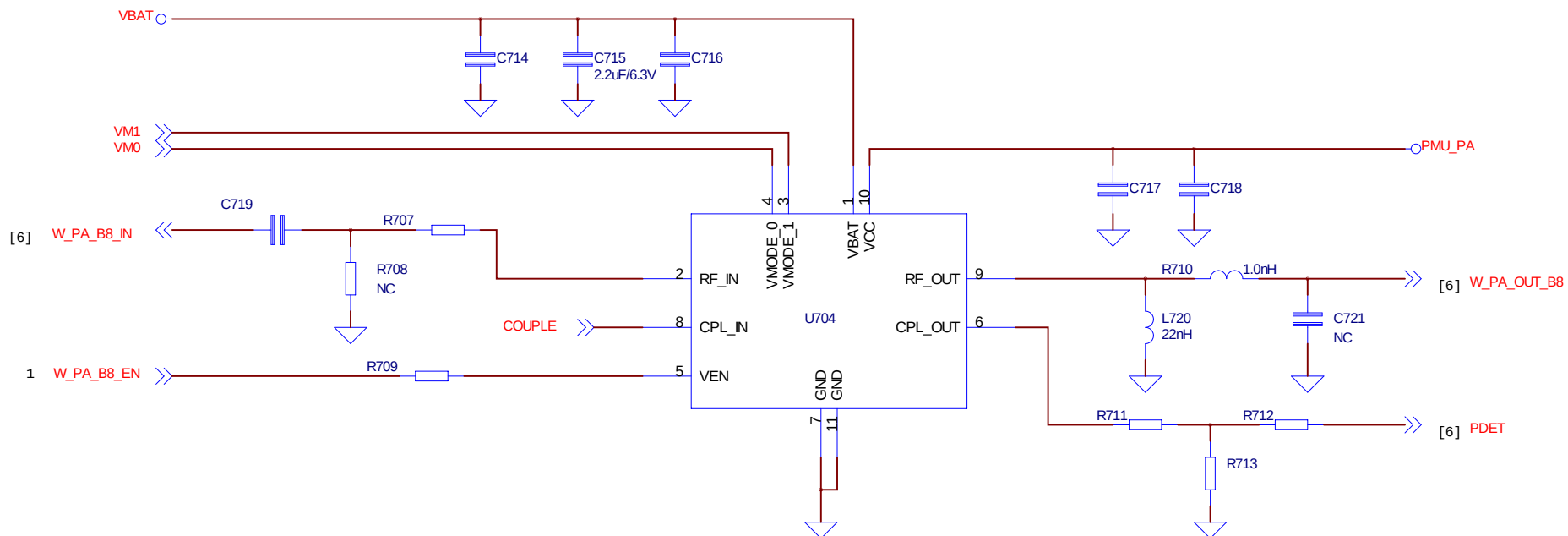
WCDMA B1/B8 RX

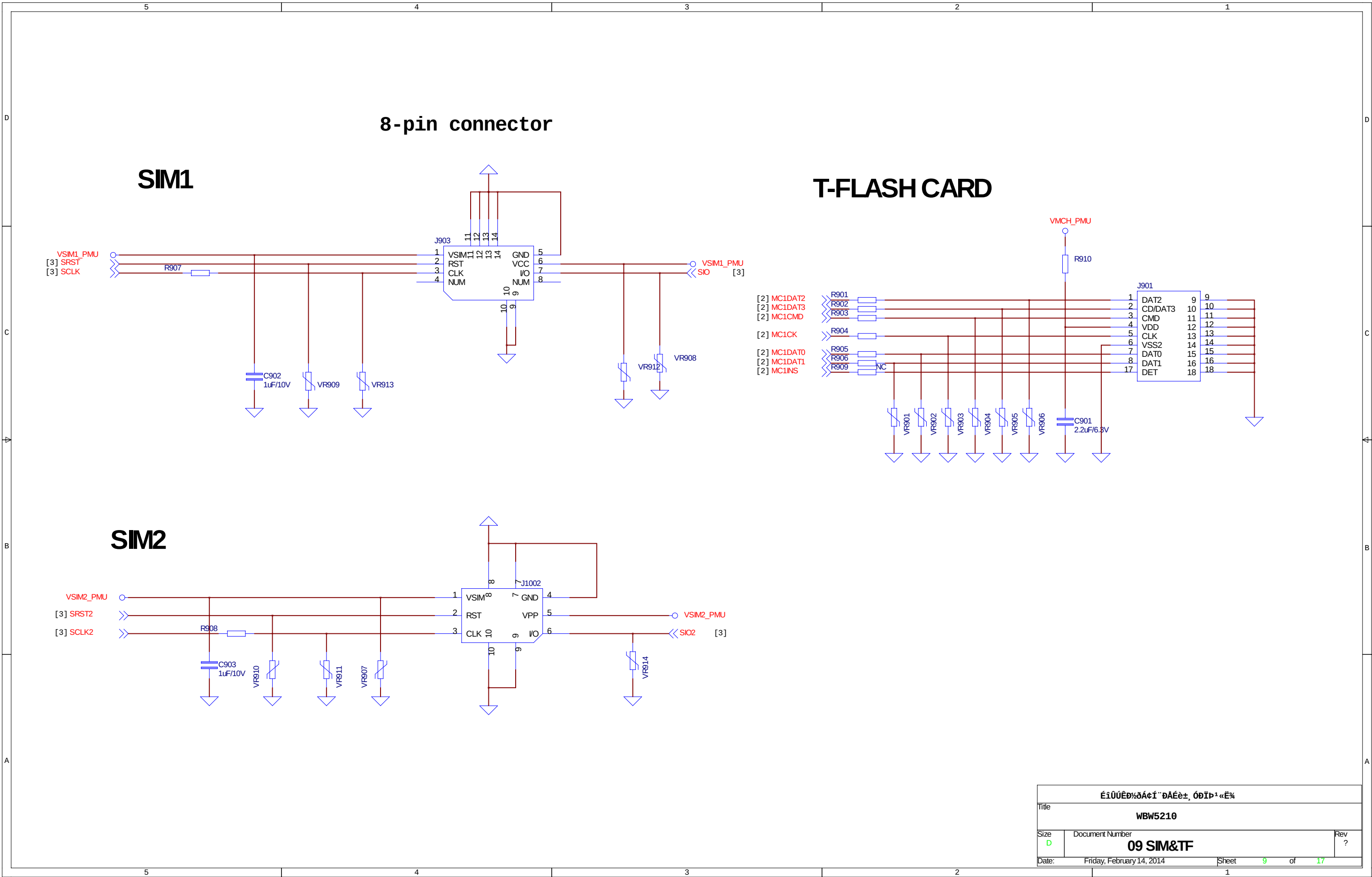


WCDMA B1 TX

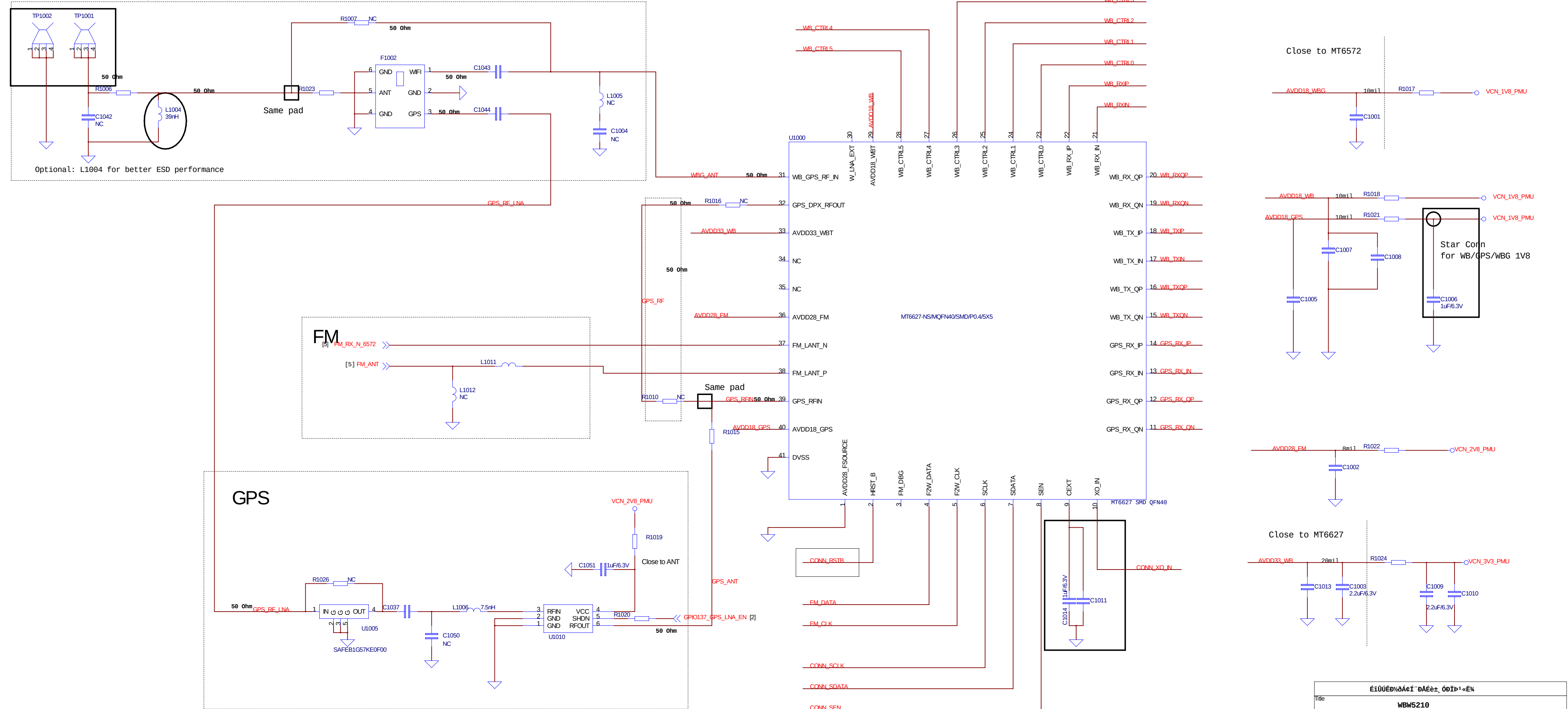


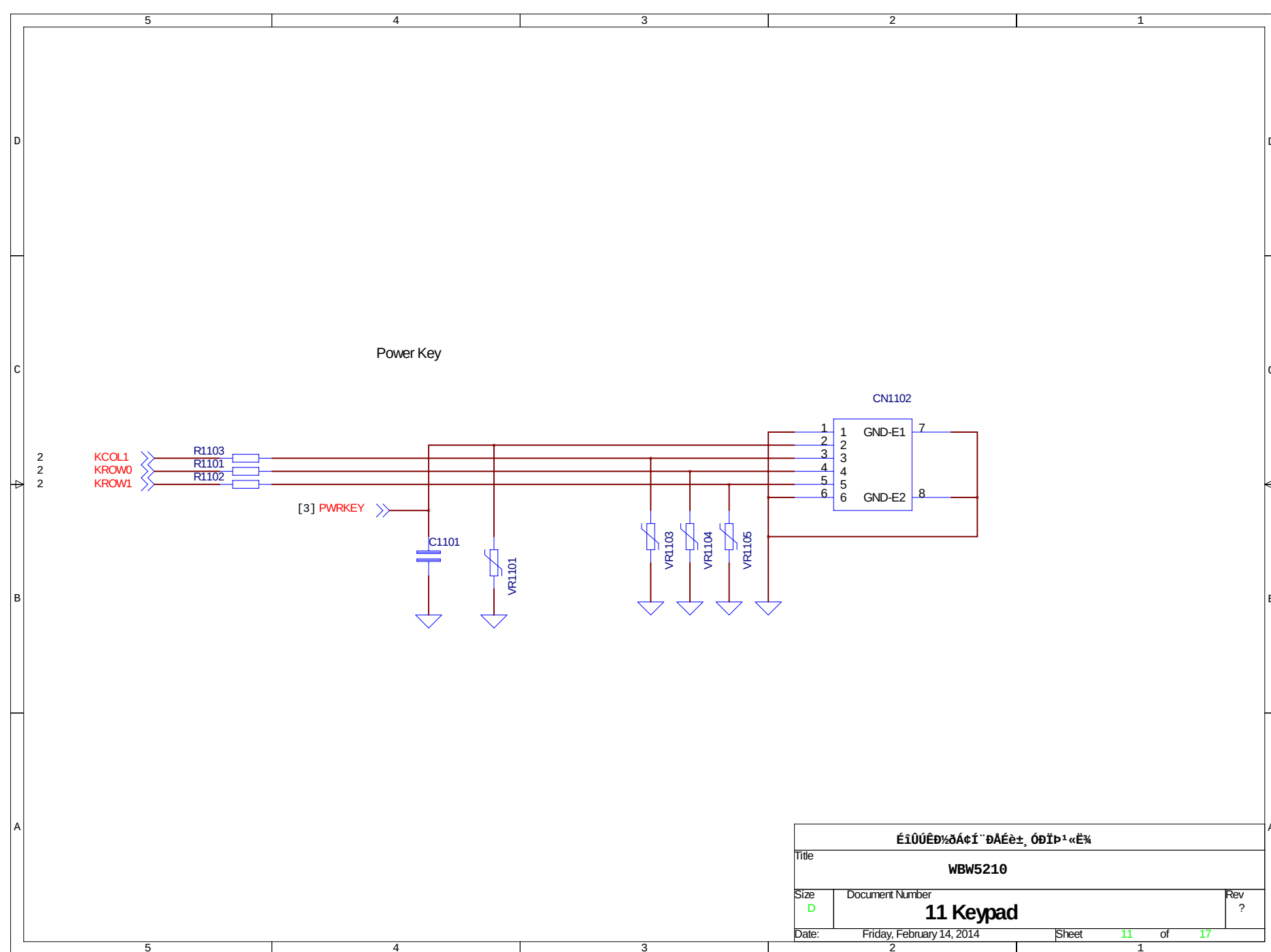
WCDMA B8 TX

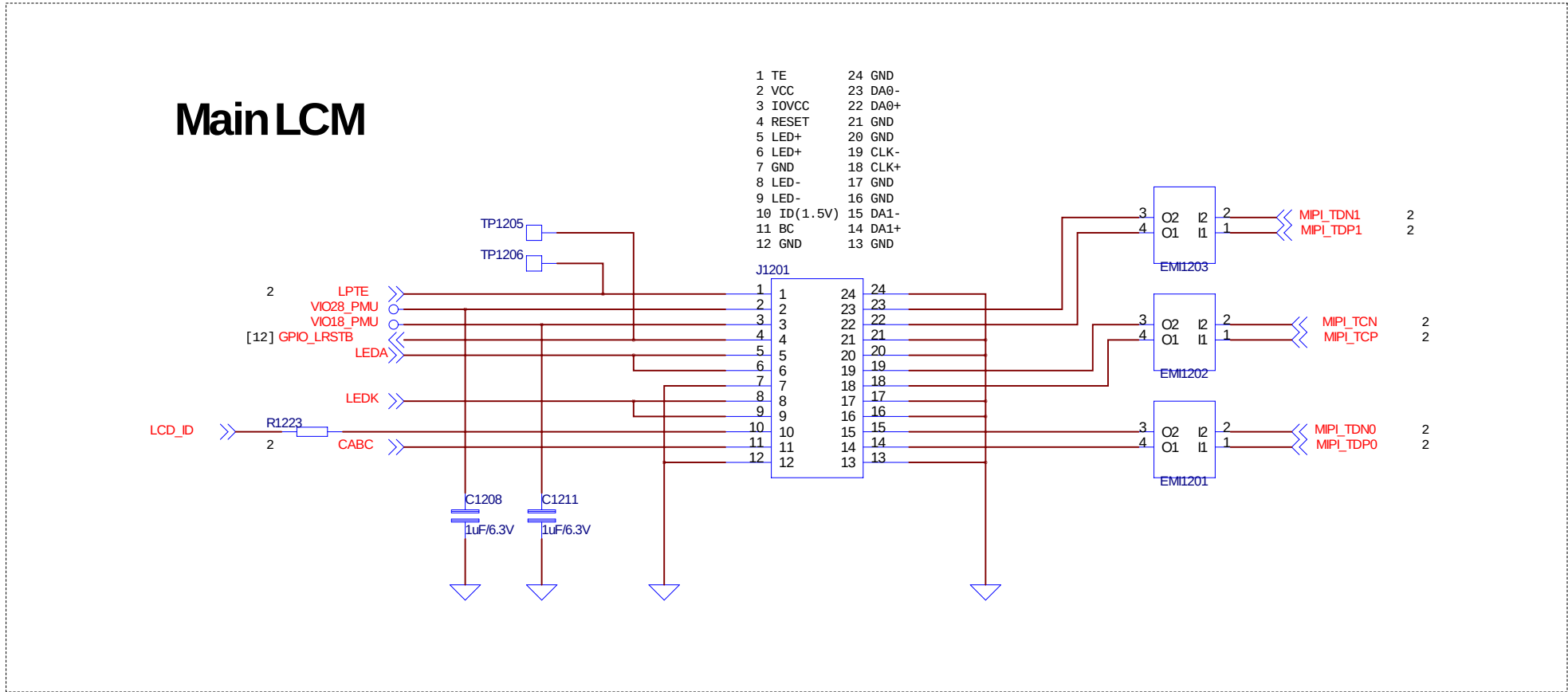




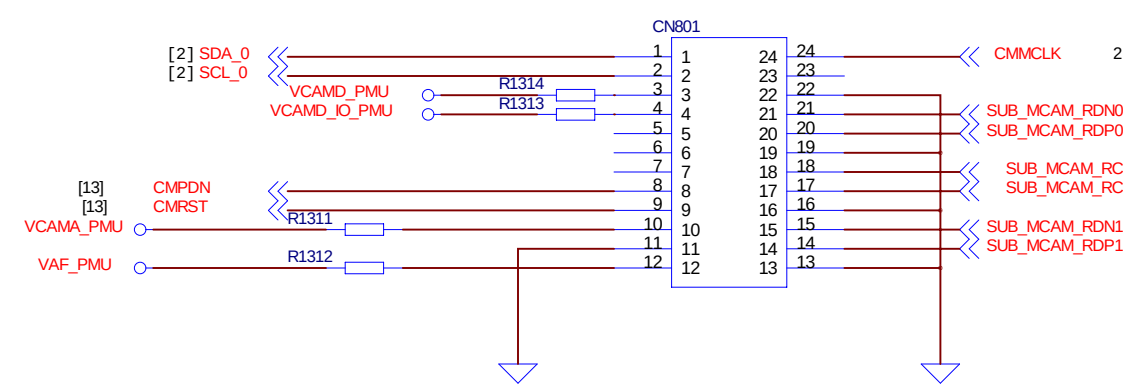
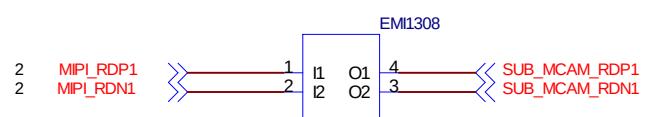
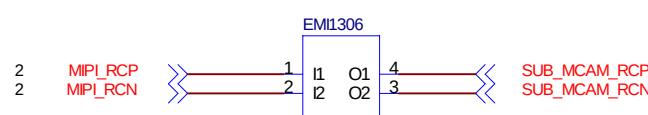
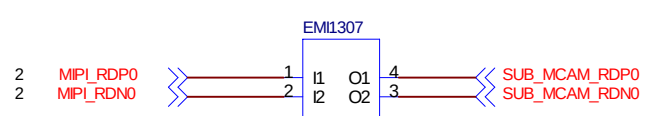
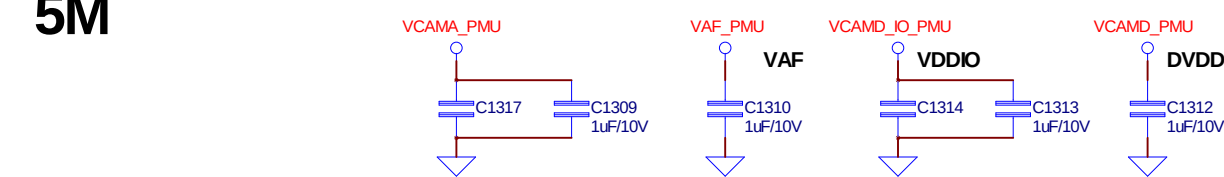
WiFi/BT/GPS Single ANT Ref.



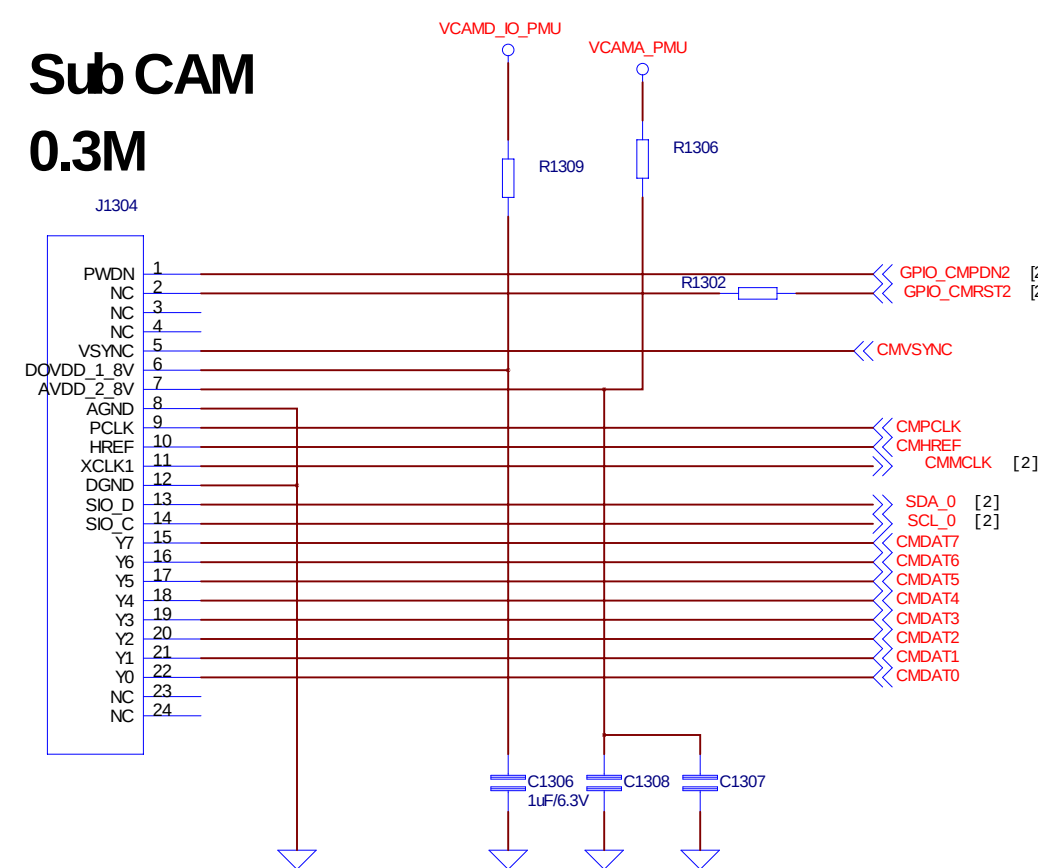


[illegible][illegible]

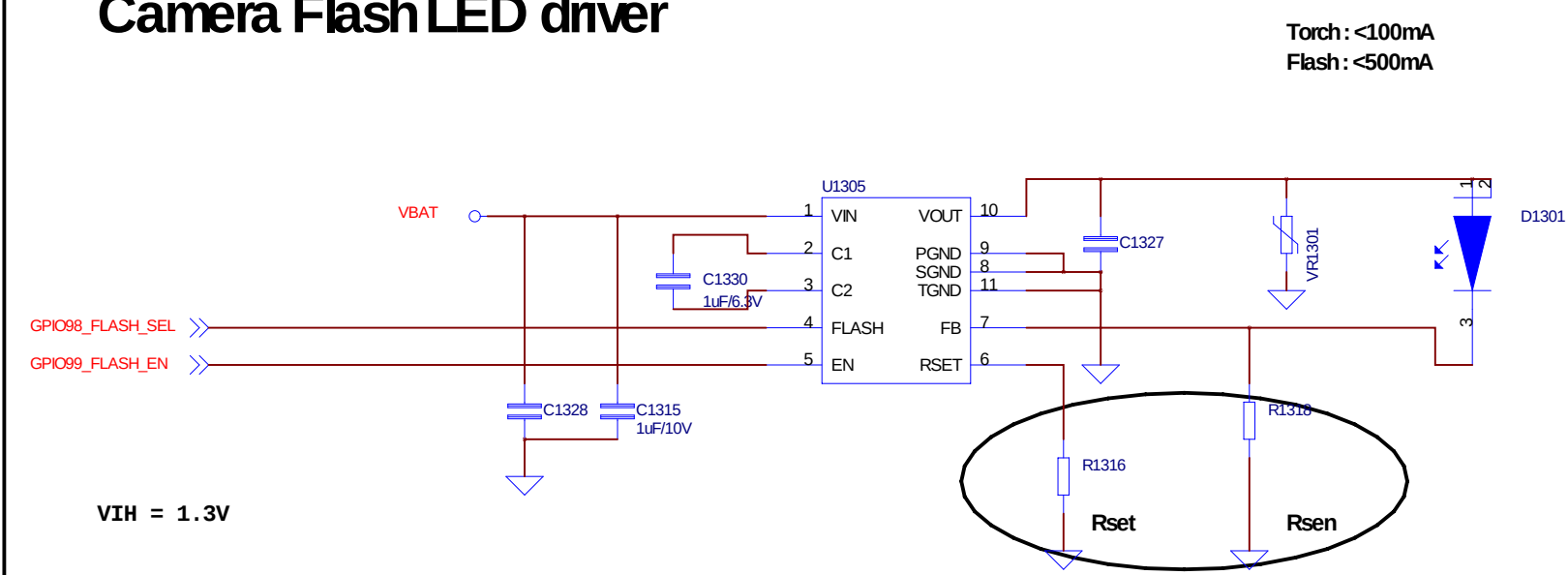
Main CAM
5M



Sub CAM
0.3M



Camera Flash LED driver



SENSOR_FLASH_SEL
H: Flash mode
L: Torch mode

Torch: <100mA
Flash: <500mA

$$\begin{aligned} V_{fb}(\text{Torch}) &= 47\text{mV} \\ V_{fb}(\text{Flash}) &= 1.26/R_{set} \times 10.2\text{K} \\ I_{out} &= V_{fb} / R_{sen} \end{aligned}$$

Test point

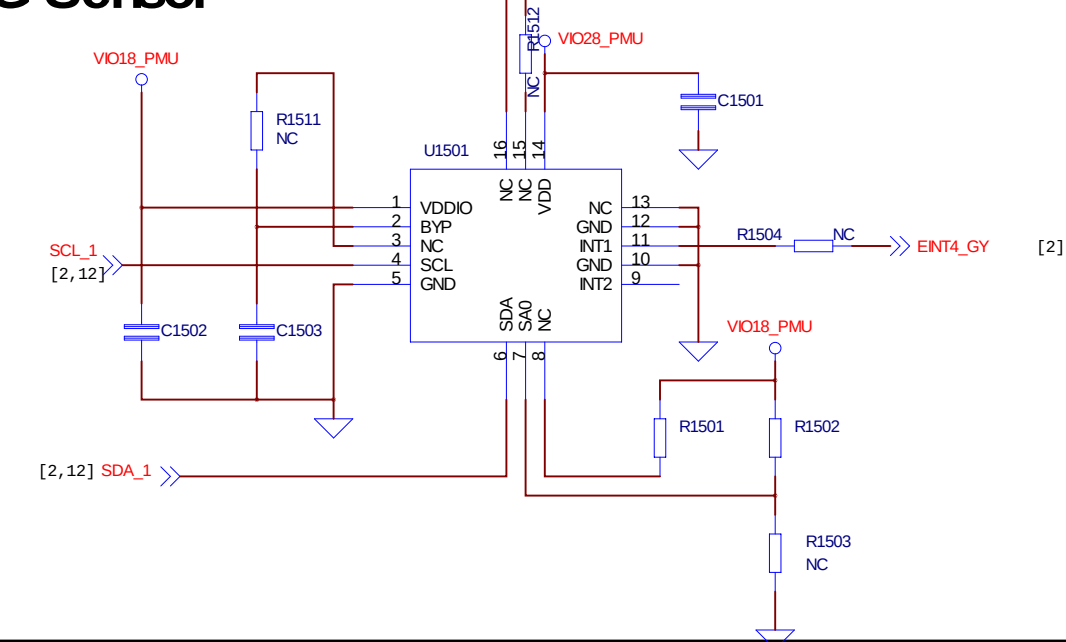
The diagram illustrates the wiring for test points on a power supply system. The components and connections are as follows:

- VBAT** (red text, blue circle symbol) is connected to **TP1401**, **TP1402**, and **TP1403**.
- PWRKEY** (red text, blue double arrow symbol) is connected to **TP1401**.
- KCOLO** (red text, blue double arrow symbol) is connected to **TP1406**.
- A ground symbol (blue triangle) is connected to **TP1407** and **TP1404**.
- Additional labels **2, 3** and **1, 2** are present near the **PWRKEY** and **KCOLO** connections, respectively.

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14 Test point			
Date	Friday, February 14, 2014		Sheet 14 of 17

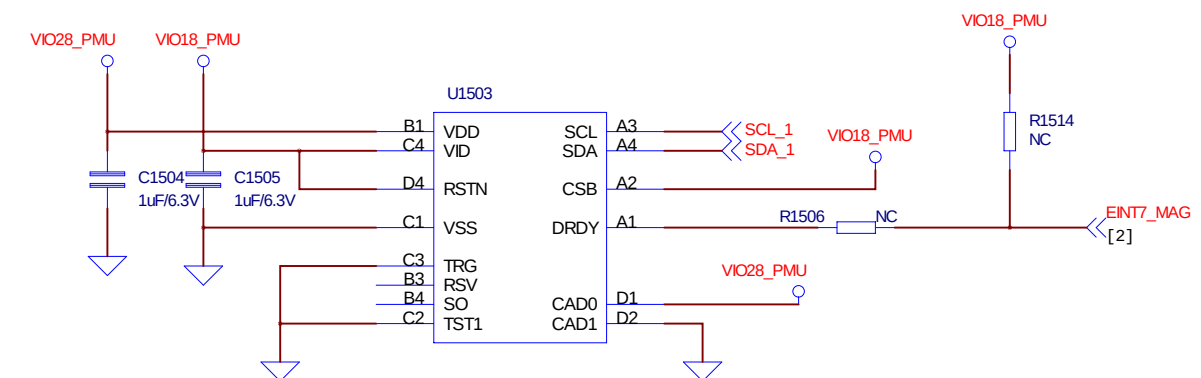


G Sensor I2C address
0011001W/R W(33h) R(32h)



M-Sensor

M Sensor I2C address
0001101R/W R(1B) W(1A)



ALS & PS Sensor

```
ALS Sensor I2C address
0100011    write 0x46    read 0x47
```

