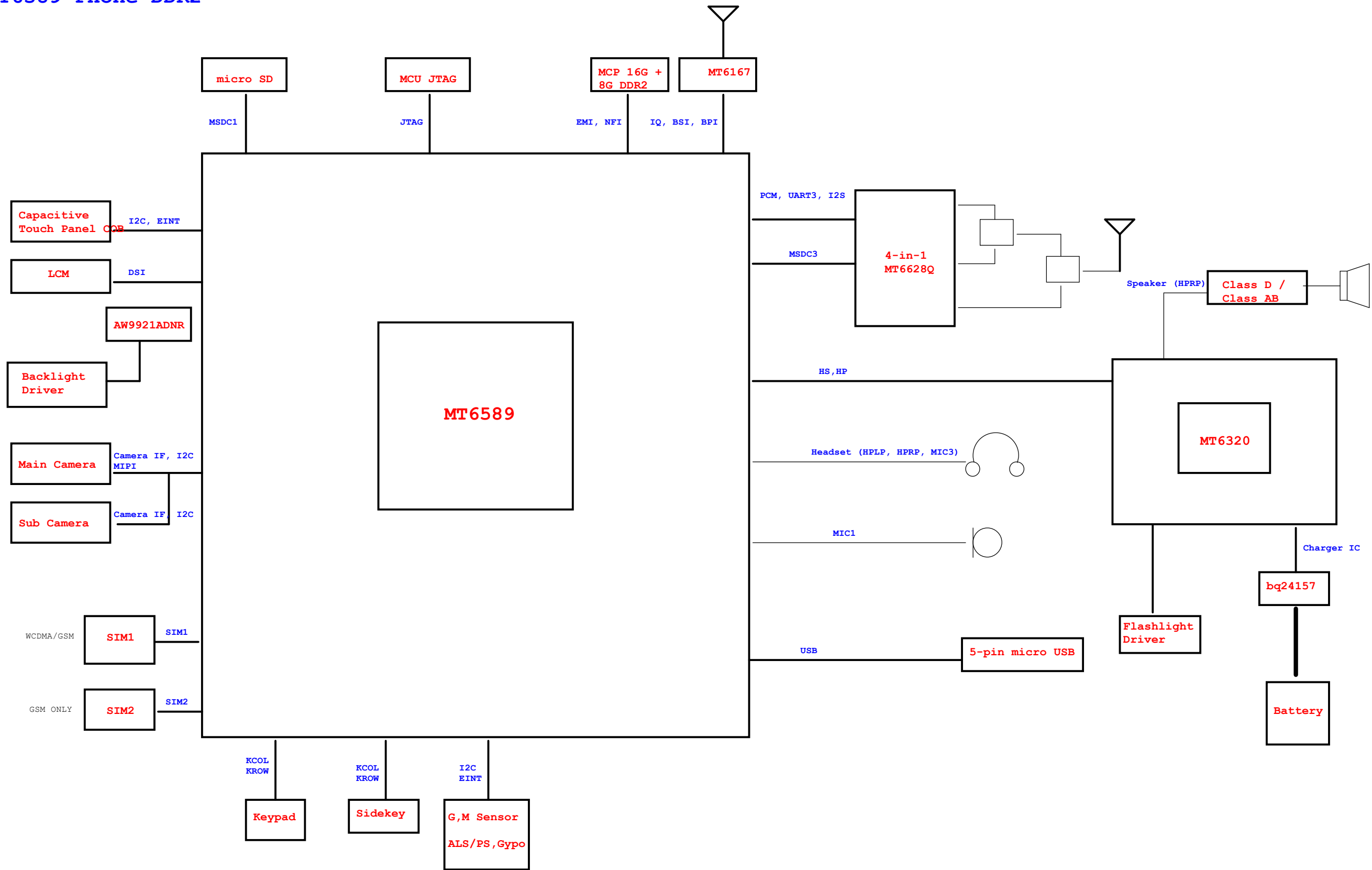
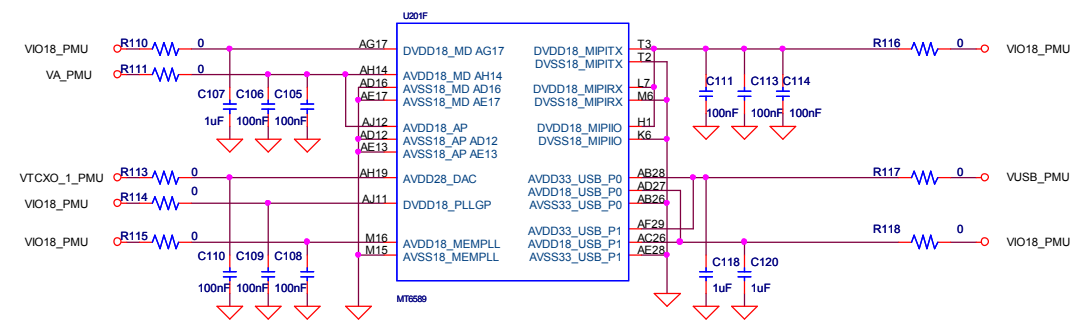
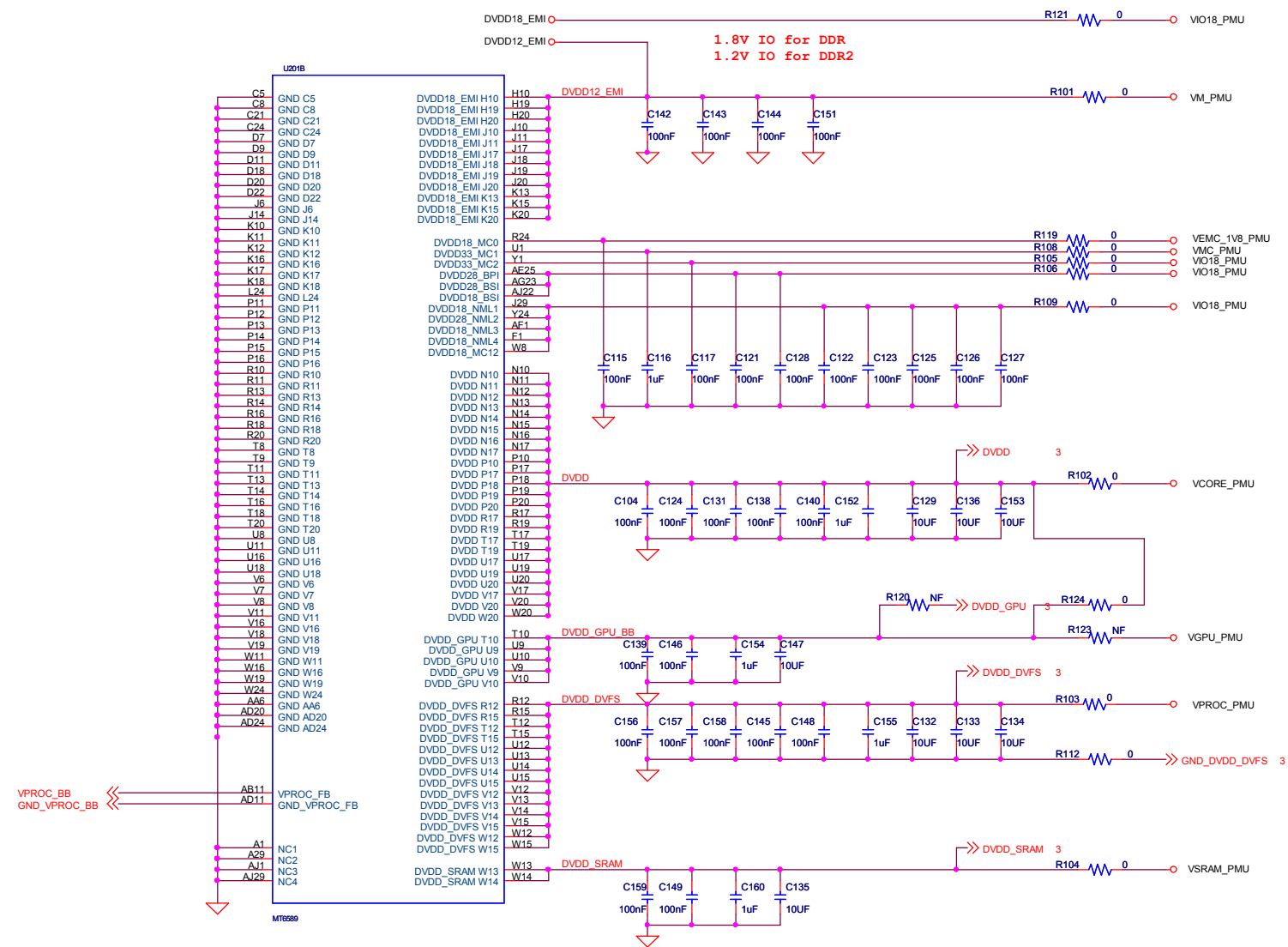


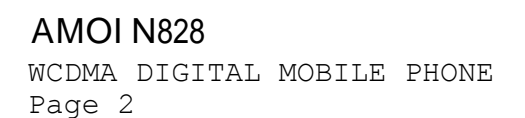
MT6589 Phone DDR2

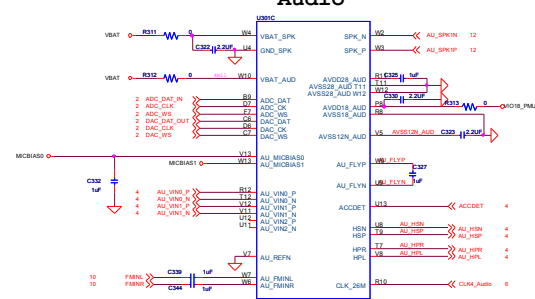
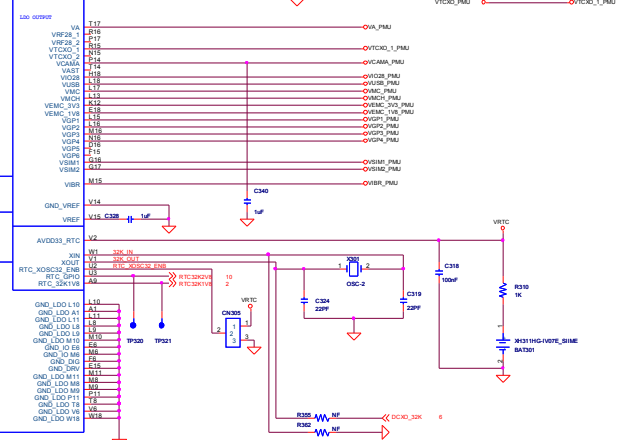
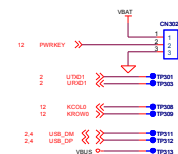


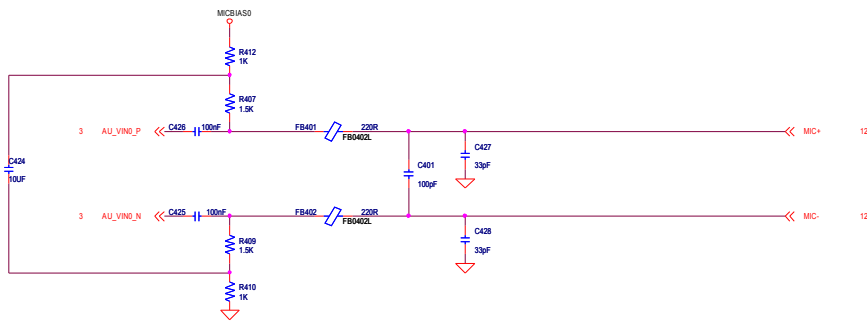


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WCDMA DIGITAL MOBILE PHONE
Page 1

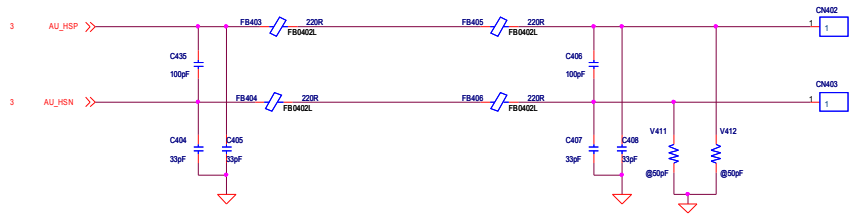




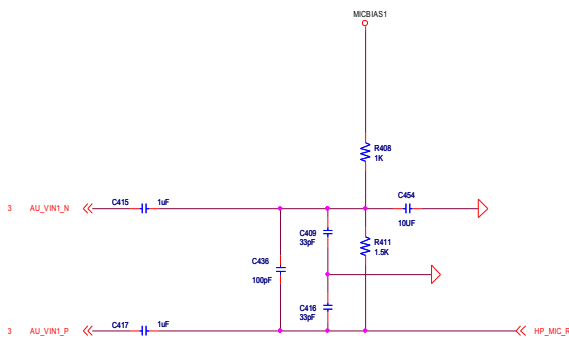


MAIN MIC

HANDSET RECEIVER

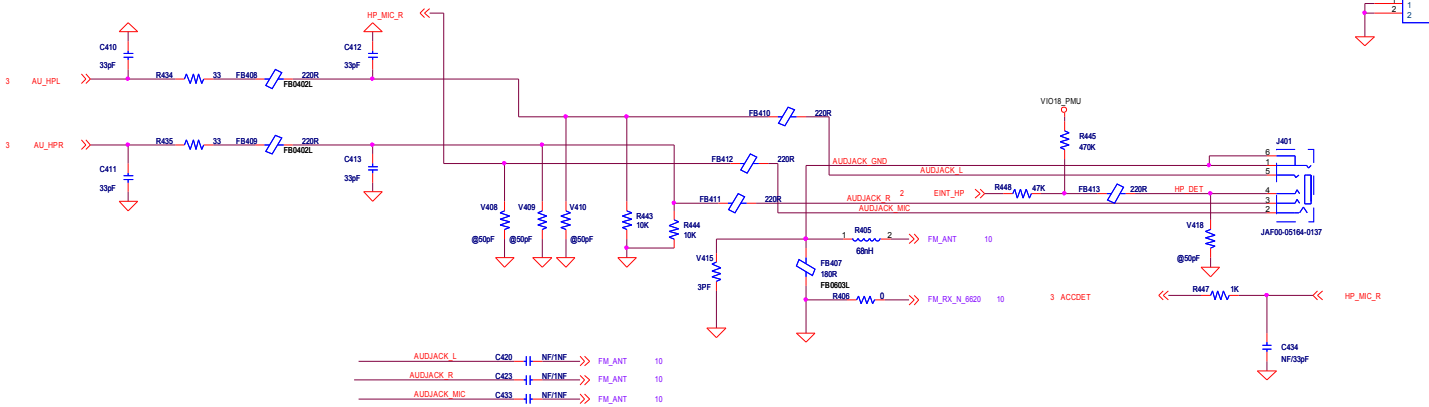


Earphone MICPHONE

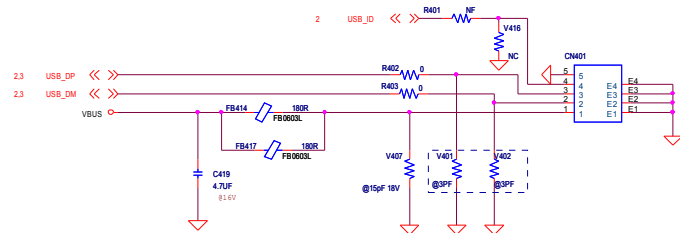


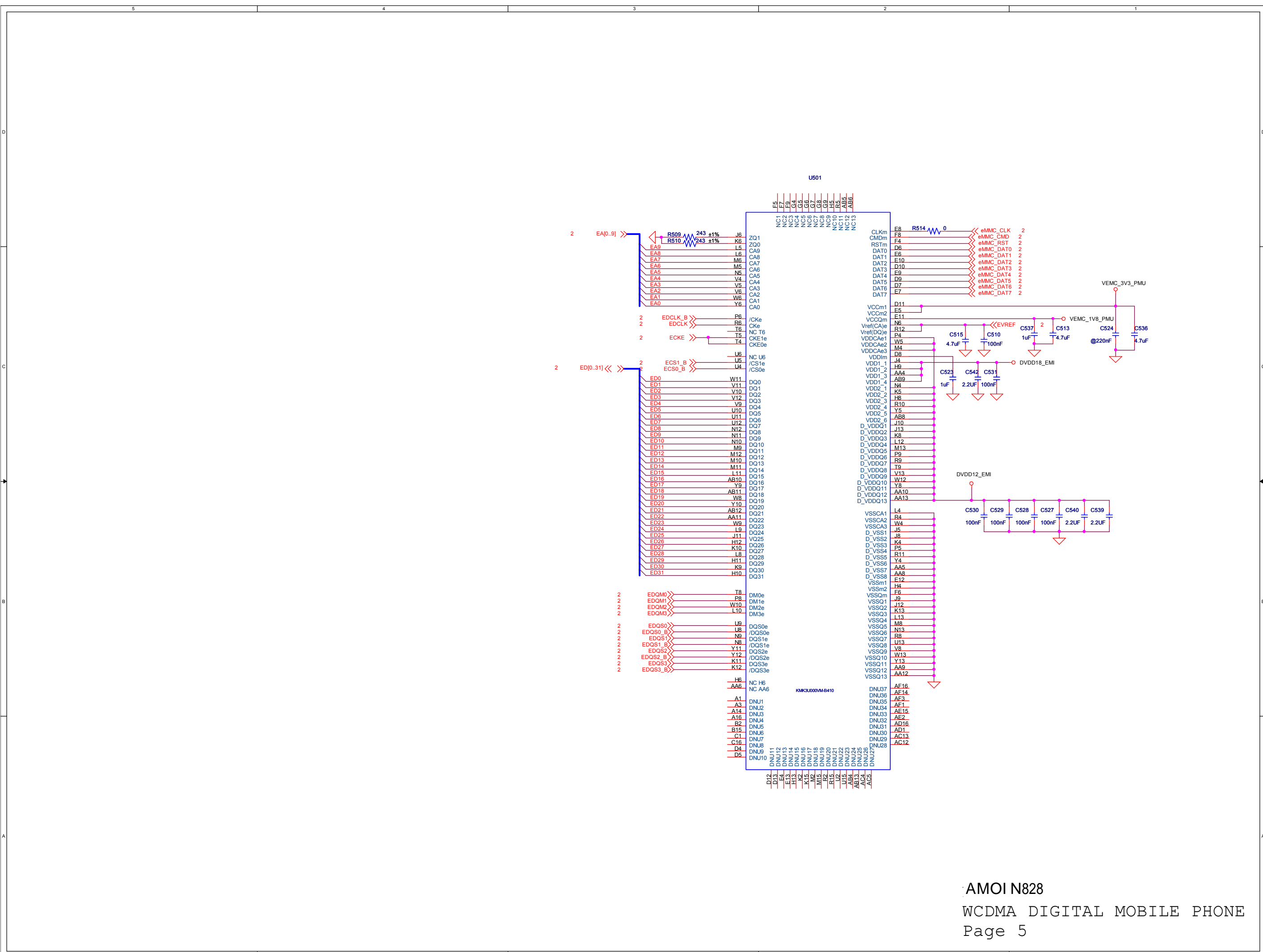
Earphone RECEIVER

Audio Jack



USB BOARD IF





[illegible]

300W CAMERA

The schematic diagram illustrates the electrical connections for the 300W CAMERA module. It is divided into three main sections: Power/Ground, Signal, and Component Details.

Power/Ground Connections:

- 2V8:** VCCAM1_PMIU is connected to a 0V rail through a resistor R817. This rail is connected to the 2V8 pin of the camera module.
- 1V8:** VCCF1_PMIU and VCCF2_PMIU are connected to a 0V rail through resistors R823 and R819, respectively. This rail is connected to the 1V8 pin of the camera module.
- Grounding:** Multiple ground connections are shown, including C837, C843, C848, C847, and C844, all connected to a common ground plane.

Signal Connections:

- 2V8:** The 2V8 pin is connected to the 2V8 pin of the camera module.
- 1V8:** The 1V8 pin is connected to the 1V8 pin of the camera module.
- Signal Pins:** The camera module has 24 pins for signals: 2 CAM_DAT9, 2 CAM_DAT8, 2 CAM_DAT7, 2 CAM_DAT6, 2 CAM_DAT5, 2 CAM_DAT4, 2 CAM_DAT3, 2 CAM_DAT2, 2 CAM_DAT1, 2 CAM_DAT0, 2 SENSOR_SDA, 2 SENSOR_SCL, 2 SUB_CM_RST, 2 SENSOR_VREF, 2 SUB_PWDN, 2 SENSOR_HREF, 2 CAM_CLK, 2 CAM_DAT0, 2 CAM_DAT1, 2 CAM_DAT2, 2 CAM_DAT3, 2 CAM_DAT4, 2 CAM_DAT5, 2 CAM_DAT6, 2 CAM_DAT7, 2 CAM_DAT8, 2 CAM_DAT9.

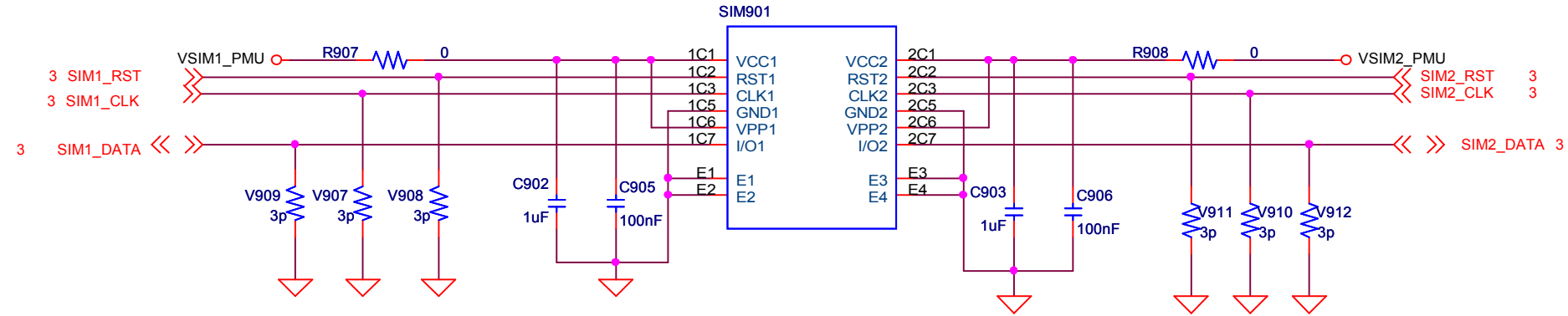
Component Details:

- Resistors:** R817, R823, R819.
- Capacitors:** C837, C843, C848, C847, C844.
- Inductors:** L801, L803.
- Diodes:** D801, D803.
- Transistors:** TP803, TP804.

Main Camera

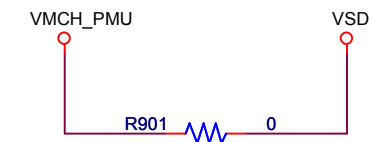
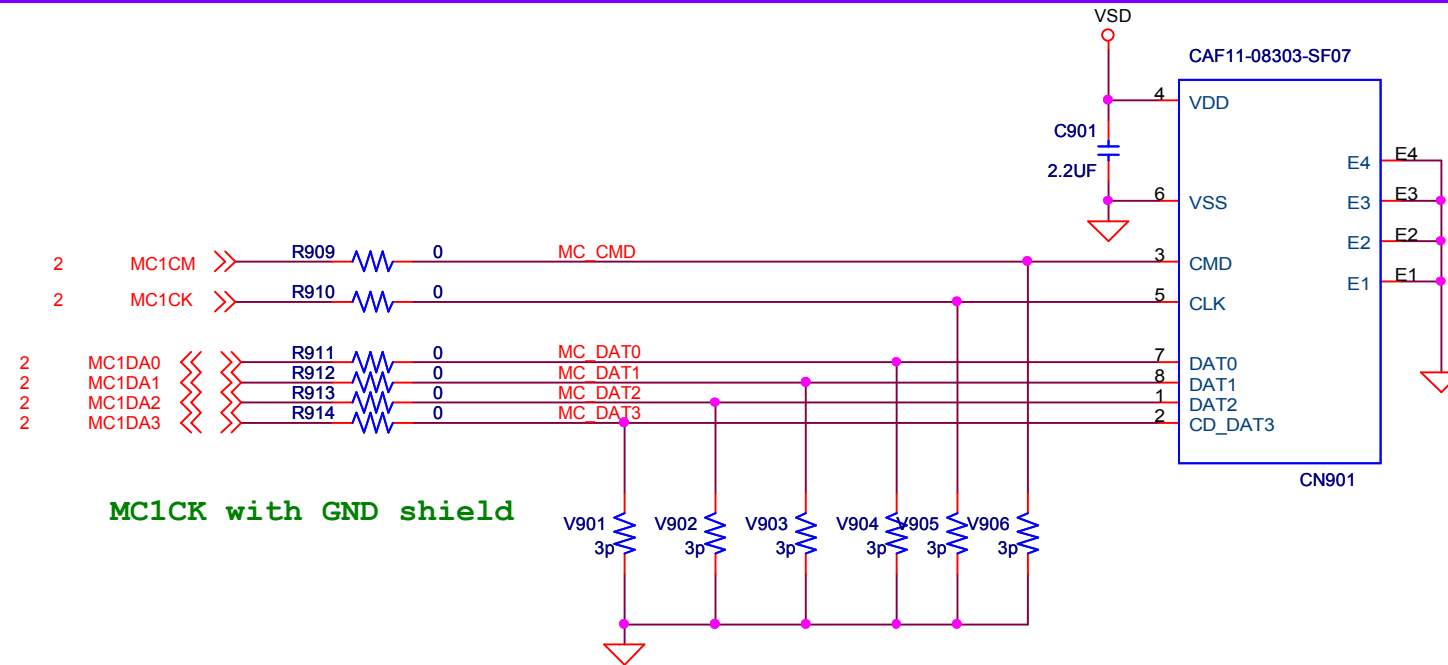
Capacitive Touch Panel

SIM1



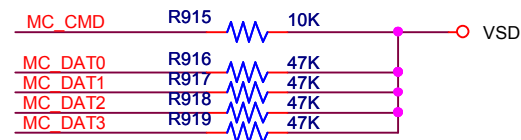
SIM2

SD CARD



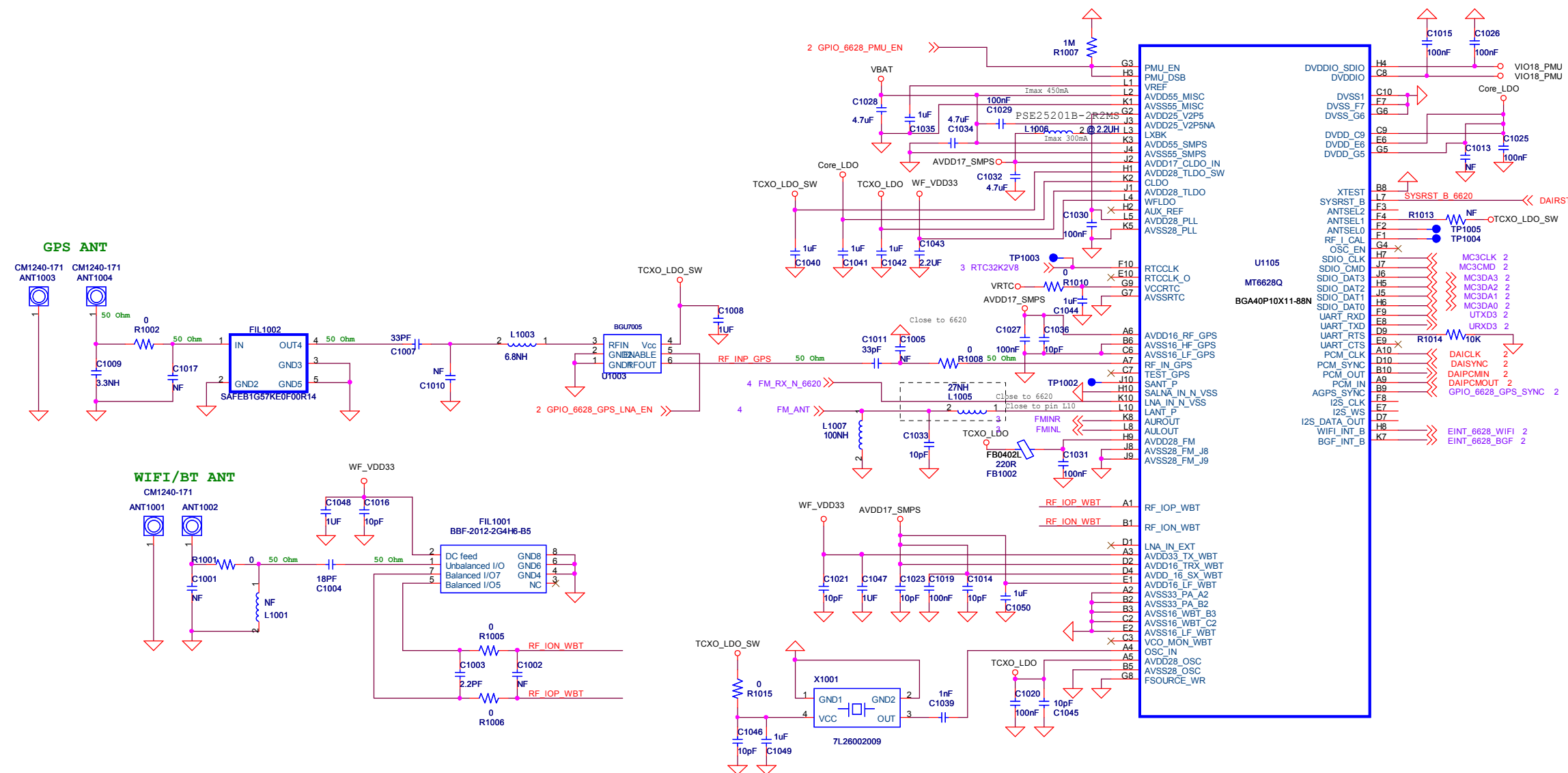
Shielding connect to ground

MC1CK with GND shield



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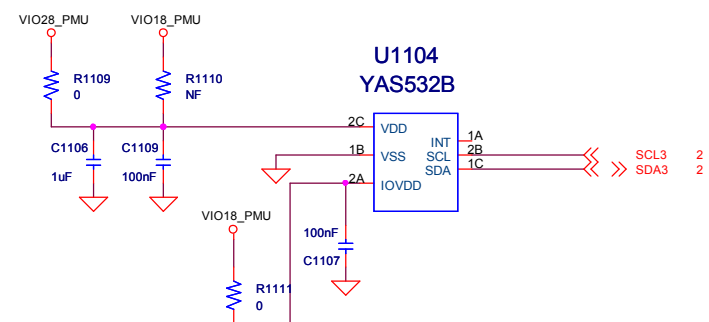


AMOI N828

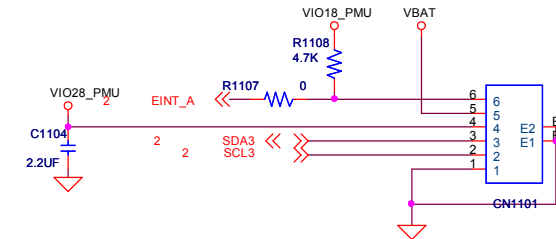
WCDMA DIGITAL MOBILE PHONE

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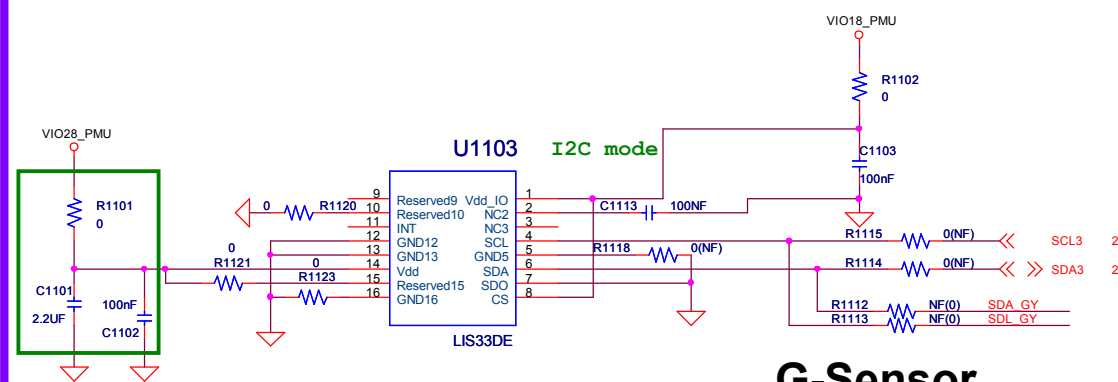
M-SENSOR



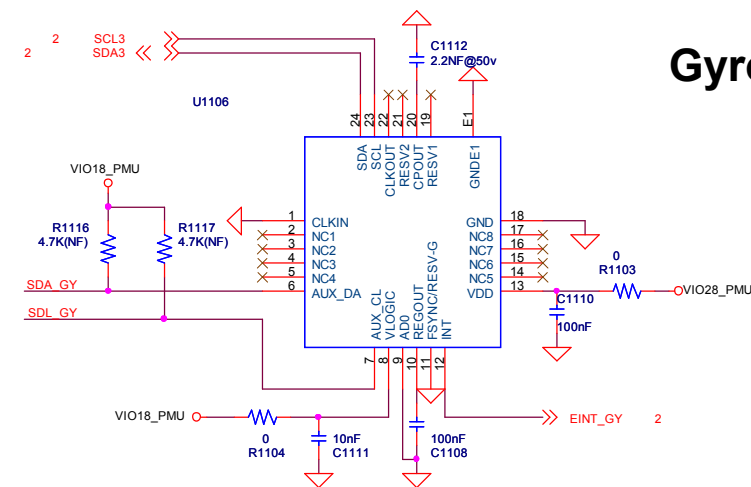
ALS & PS Sensor



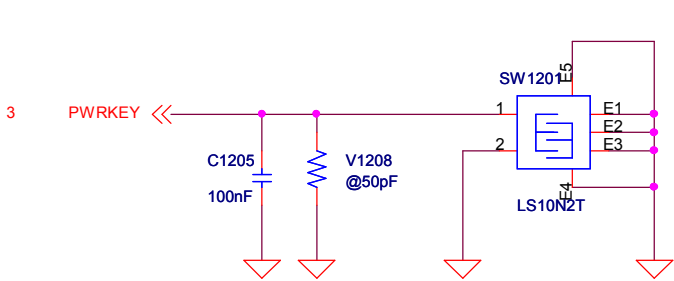
G-Sensor



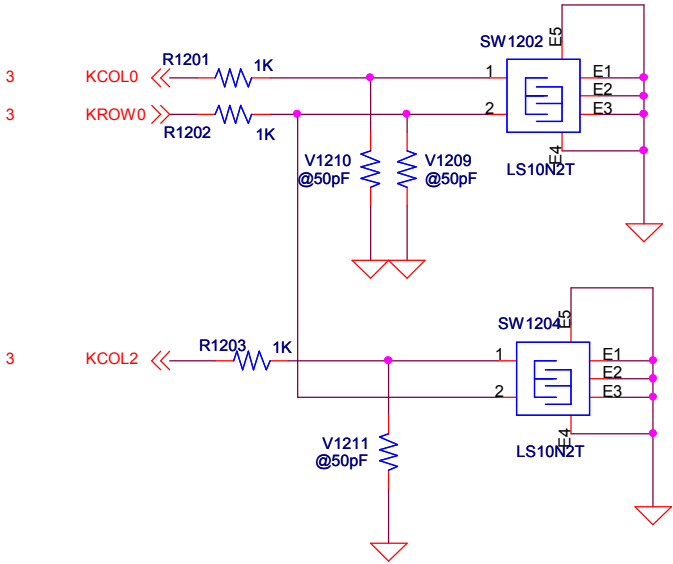
Gyro-Sensor



Power Key



Volume Up



Volume Down

