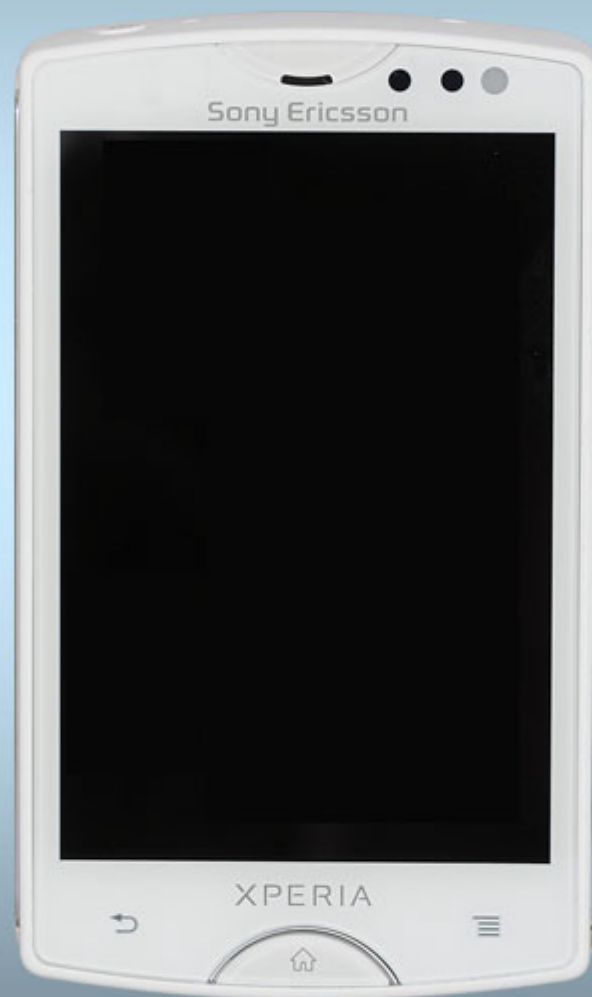


Schematics

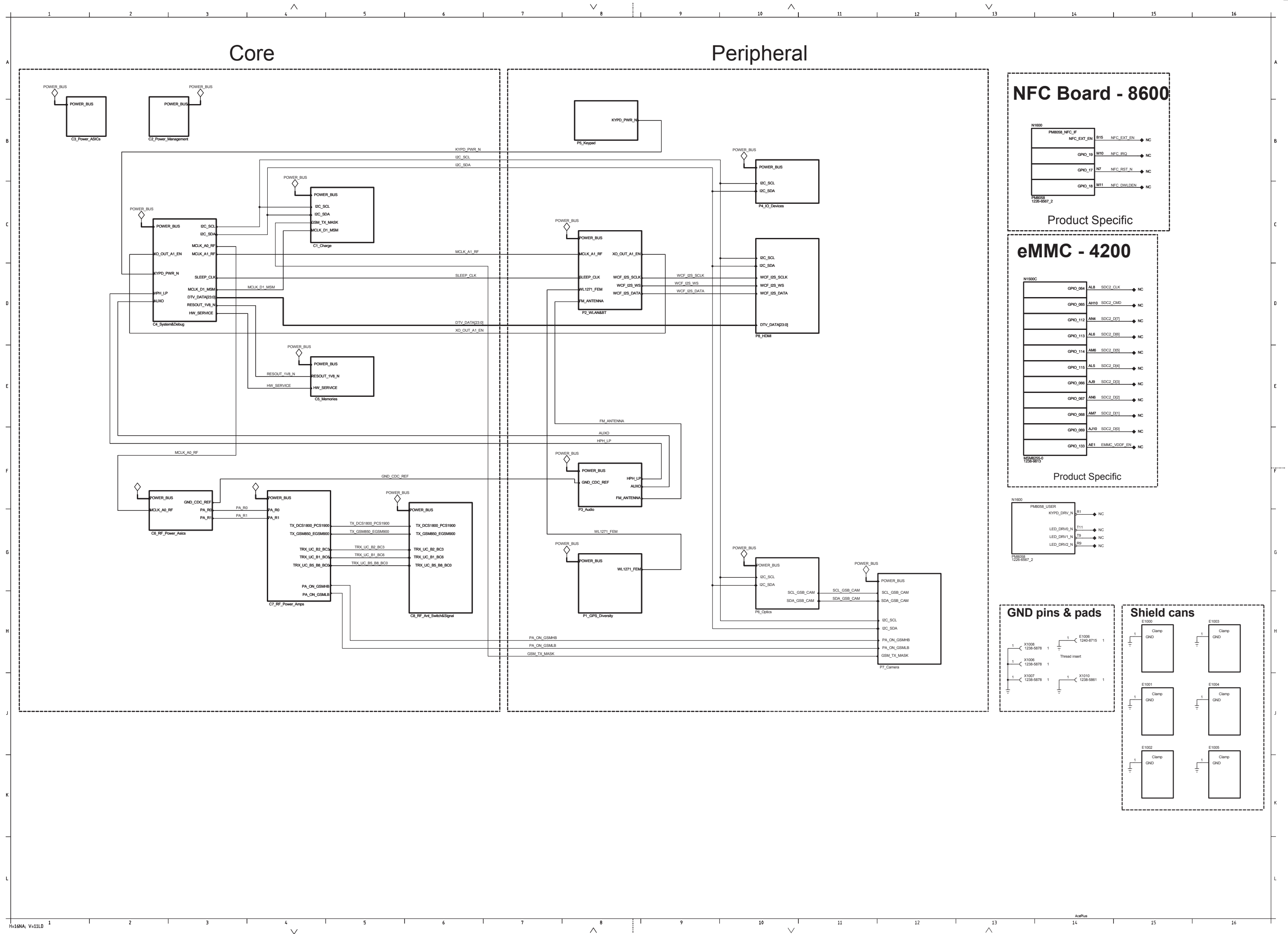
- electrical -



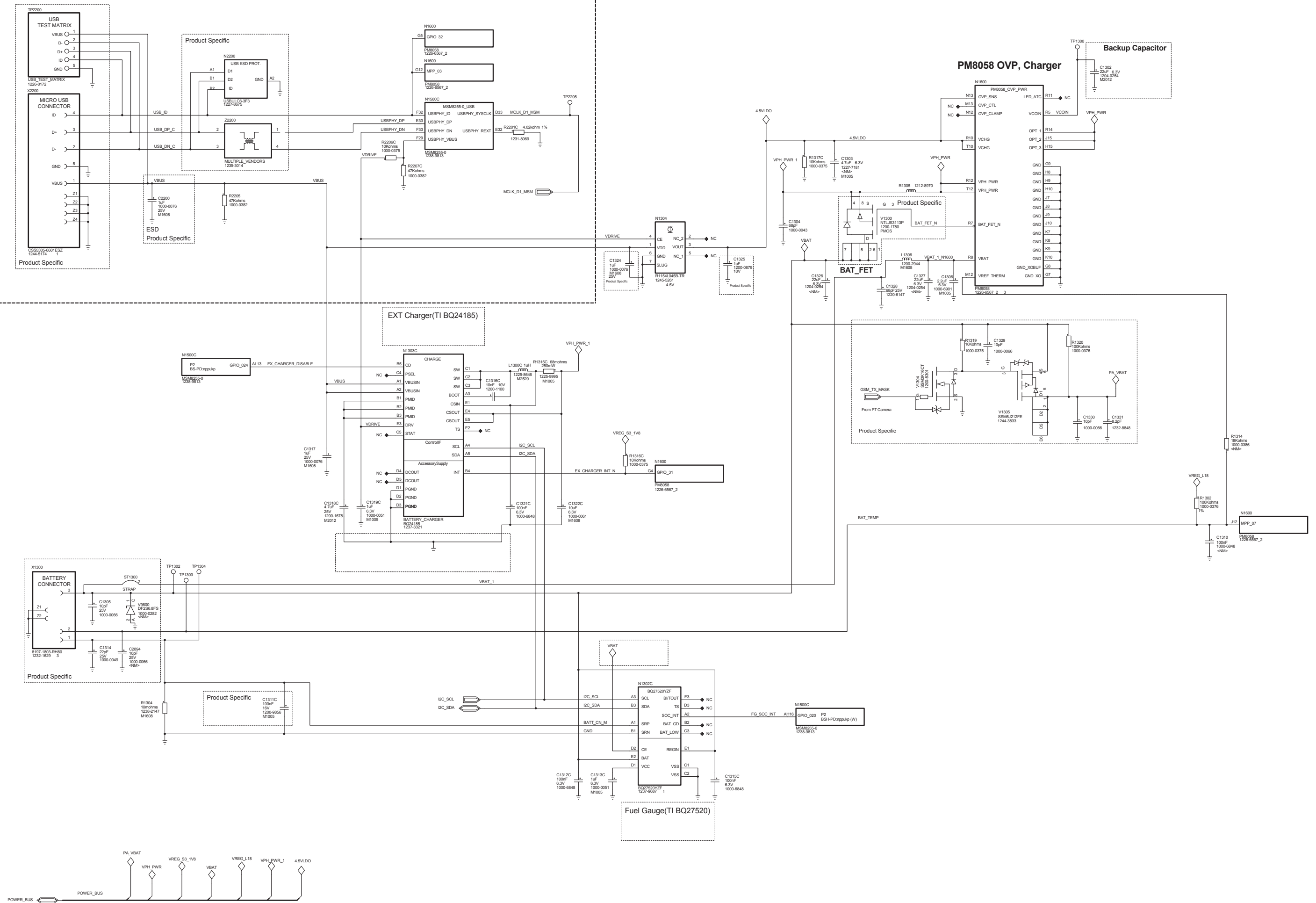
Xperia™ mini
ST15i, ST15a, S51SE

1 Revision History

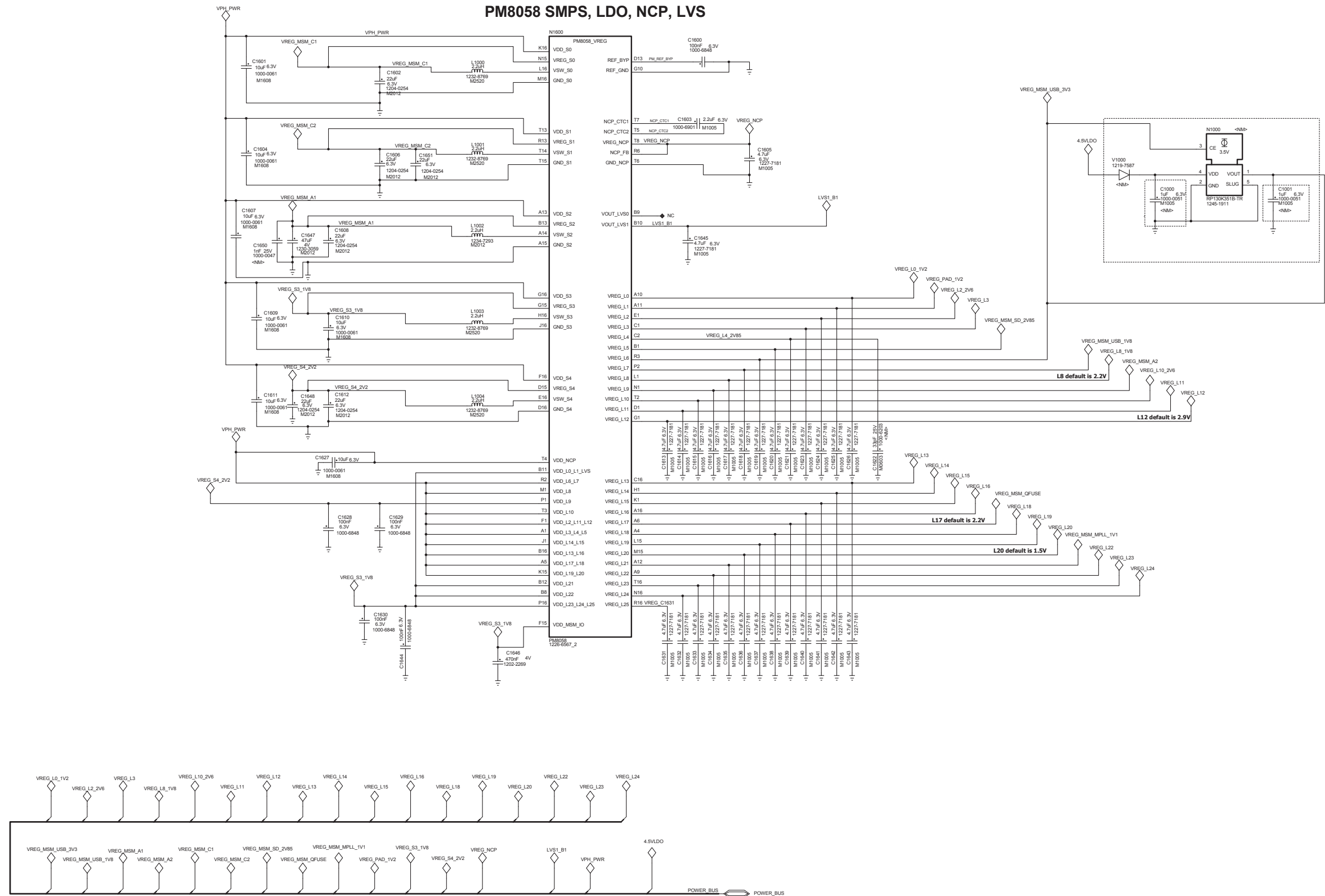
Rev.	Date	Changes / Comments
1	2011-July-15	Initial release
2	2011-Nov-22	One new commercial model included – S51SE



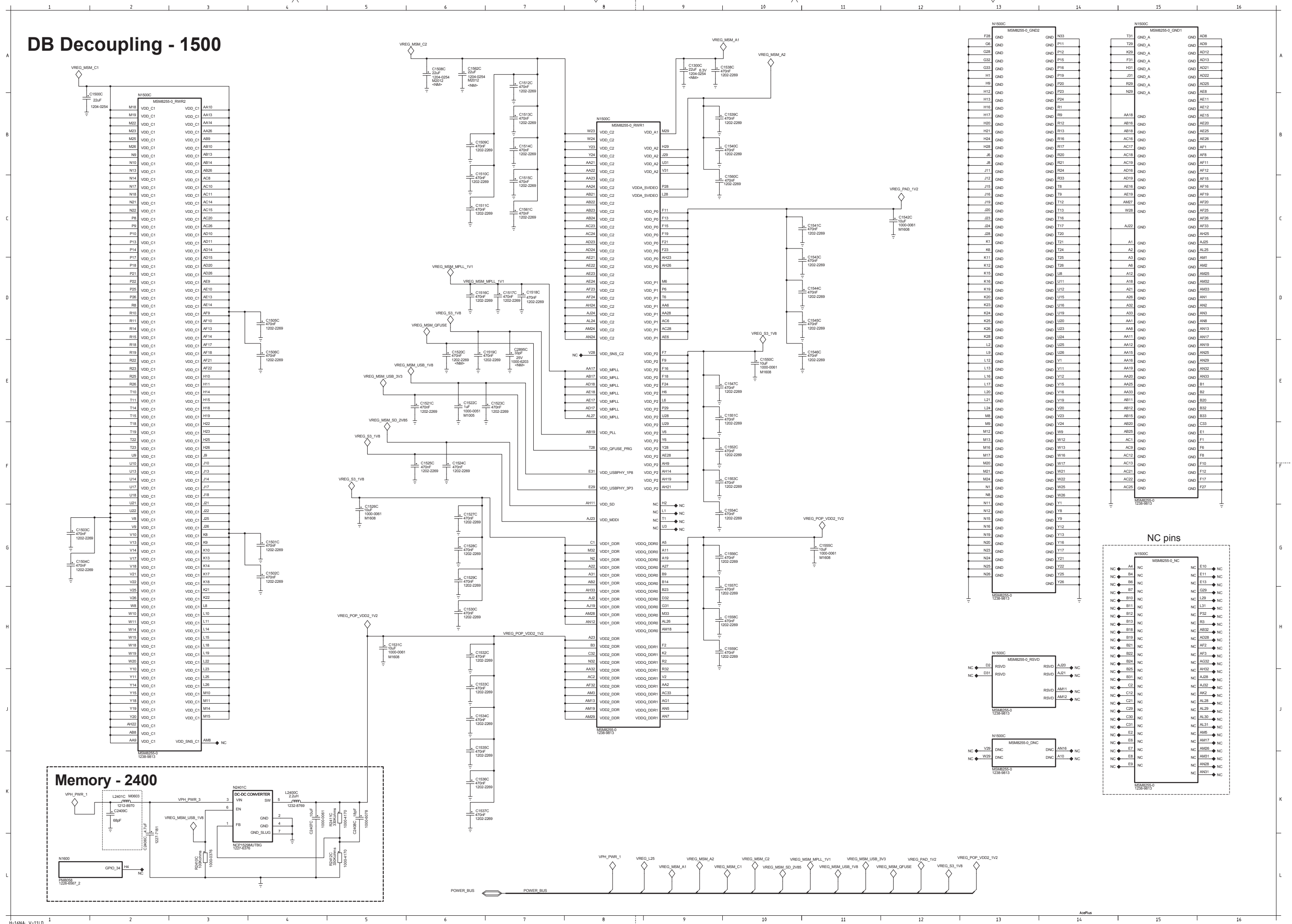
Charging and Battery Management - 1300



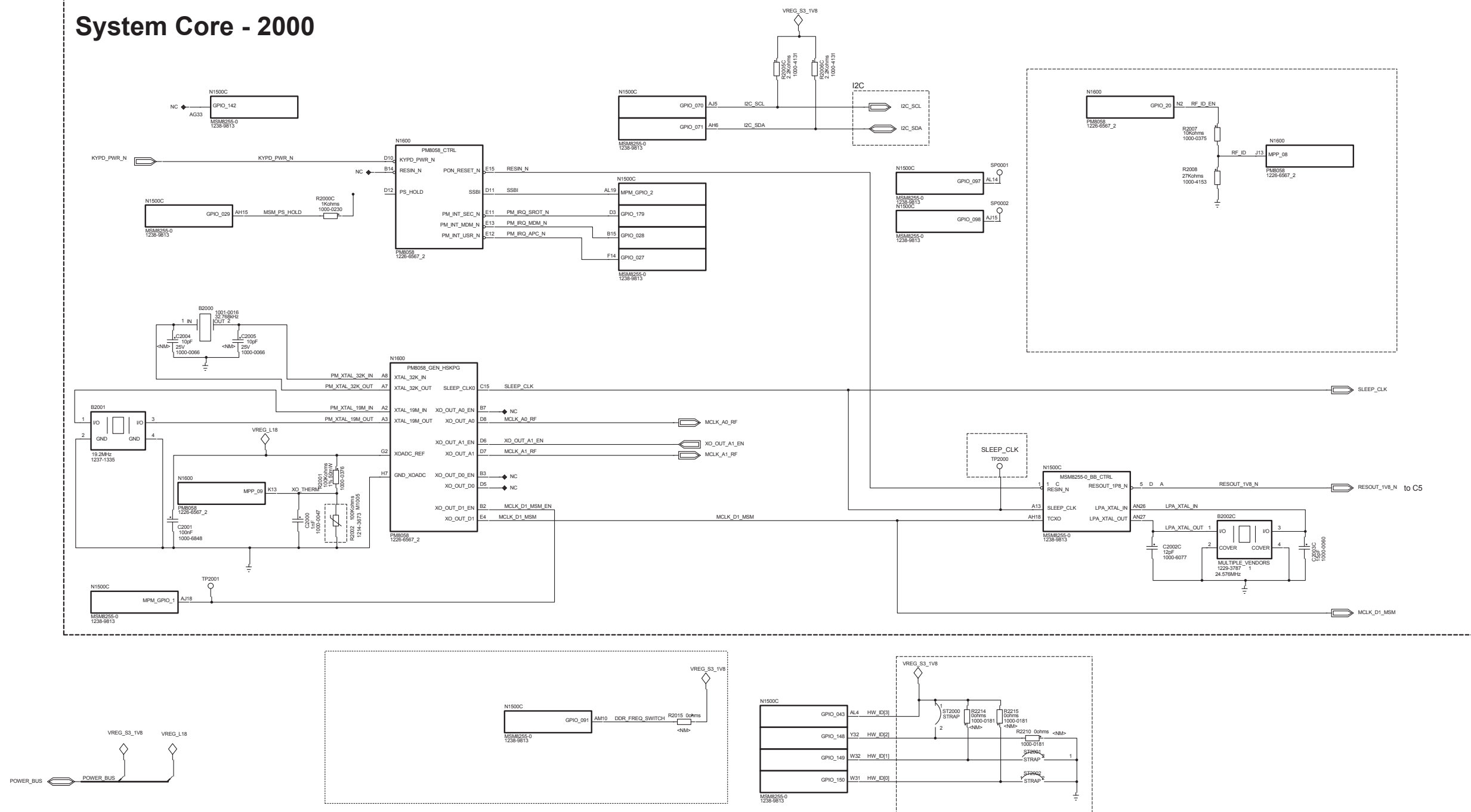
Power Management - 1000



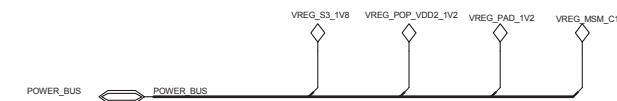
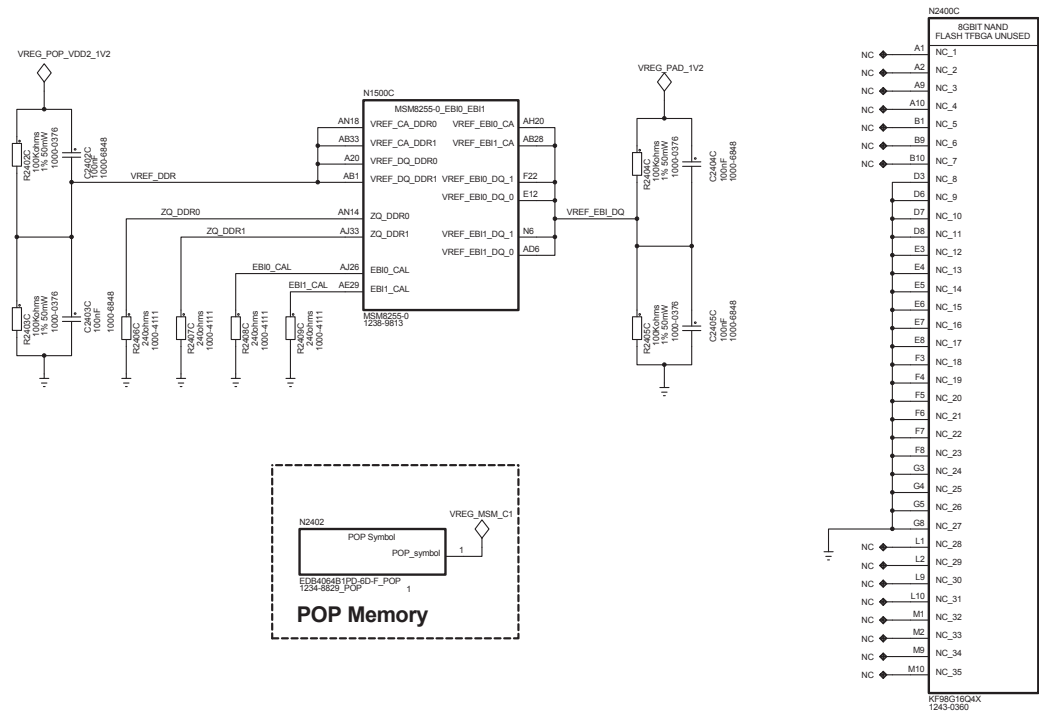
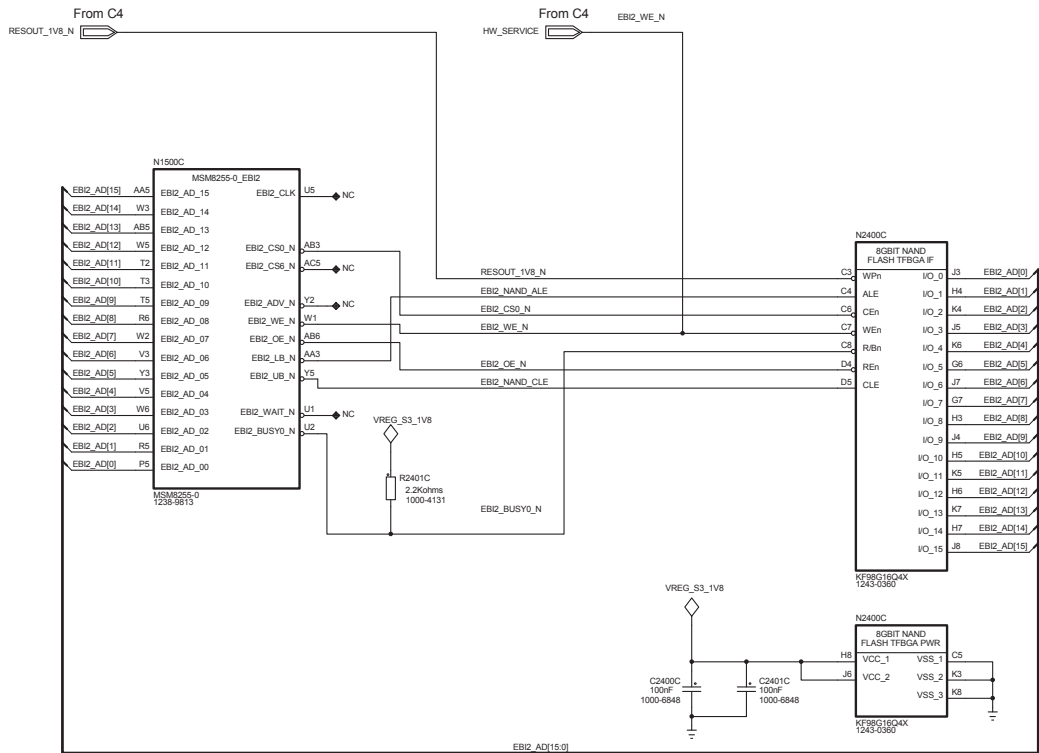
DB Decoupling - 1500

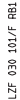


System Core - 2000

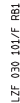


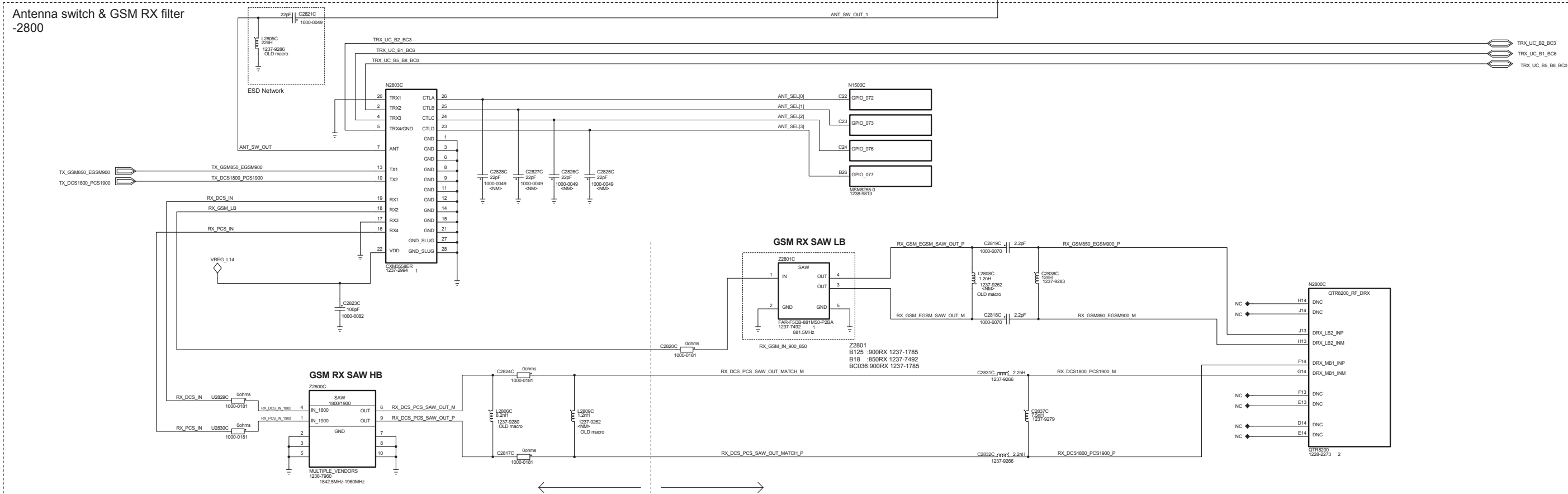
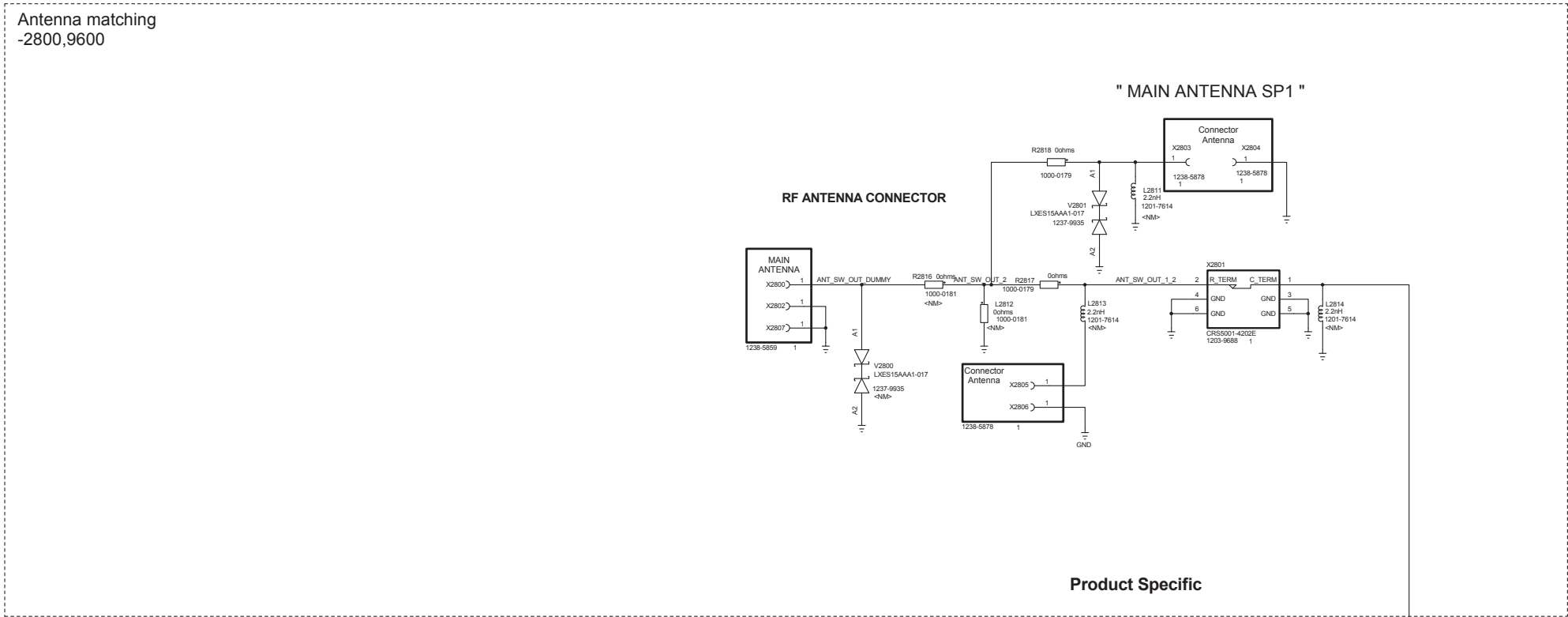
Memory - 2400



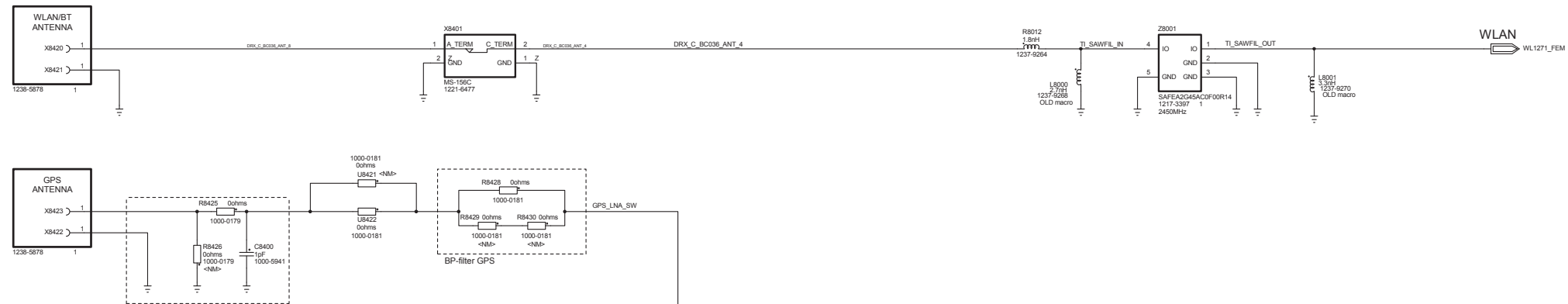


UMTS Band 8



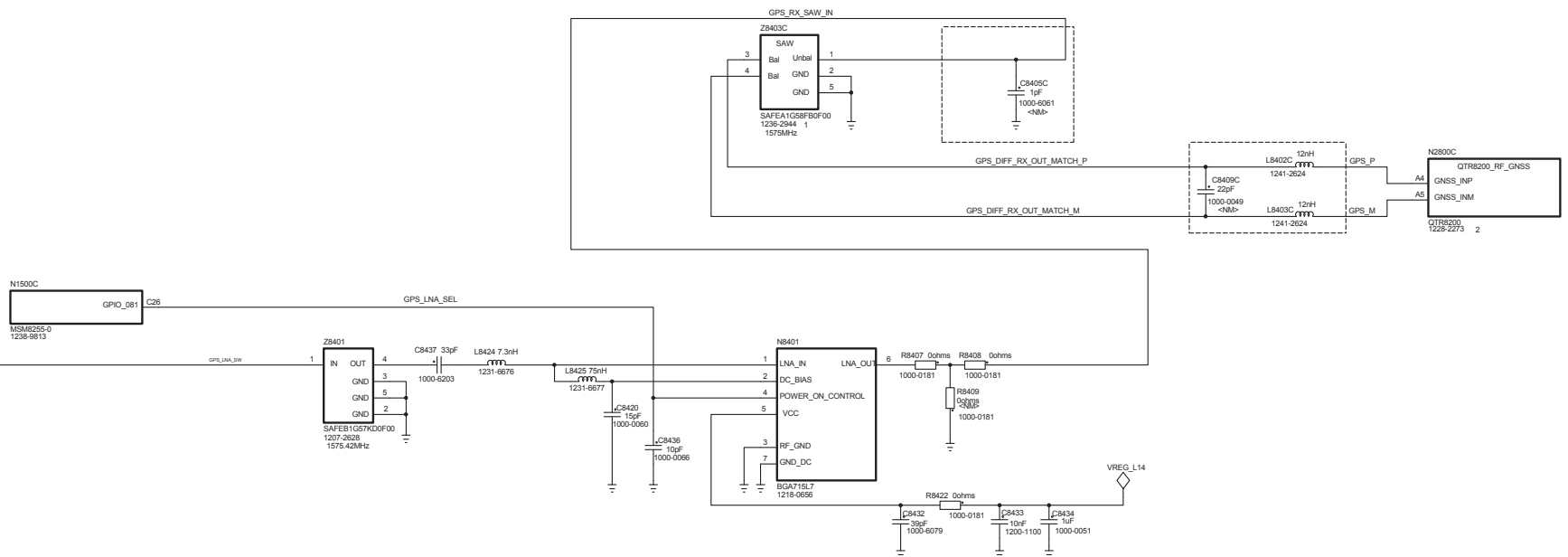


Non cellular 1feed antenna
-8400
Product Specific



GPS/GNSS_PRIMARY_SYSTEM
-8400

AGPS



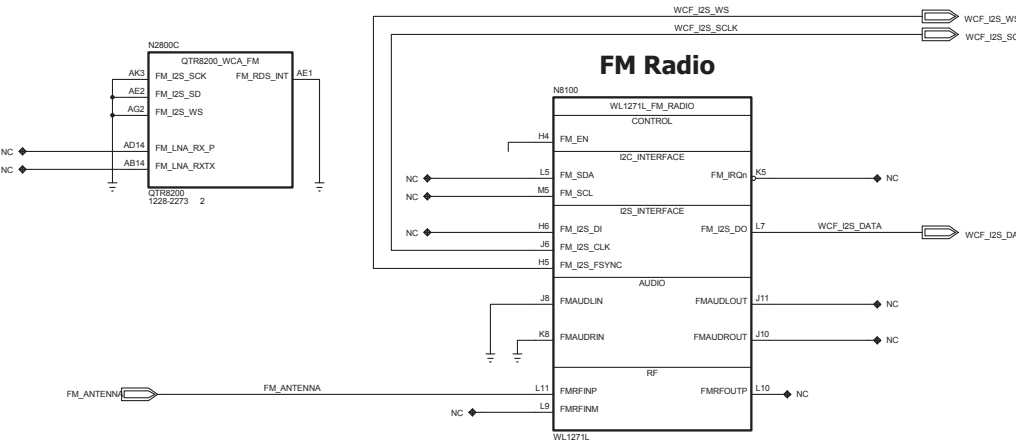
VREG_L14
^

POWER_BUS  POWER

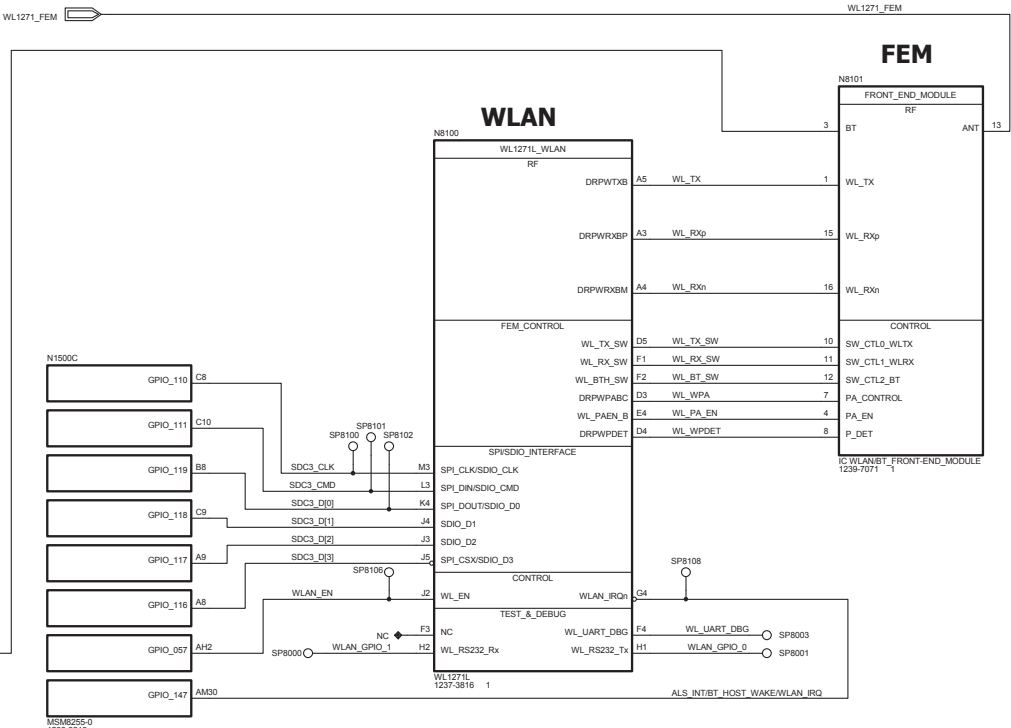
AcePlus

WL1271L WLAN/BT SIGNALS&POWER

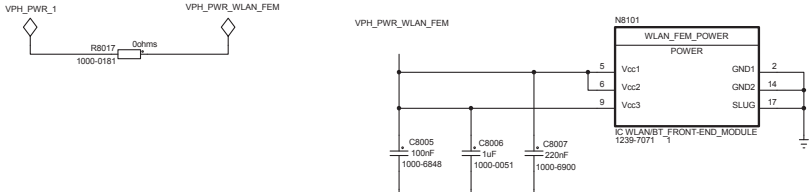
FM Radi
-3100



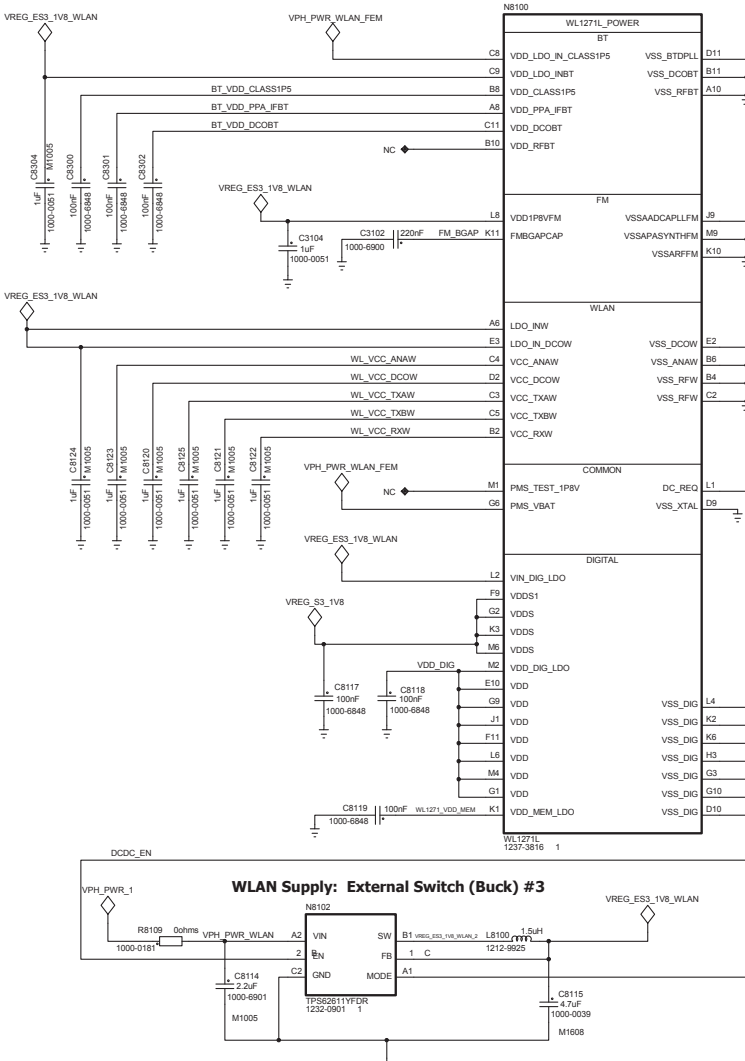
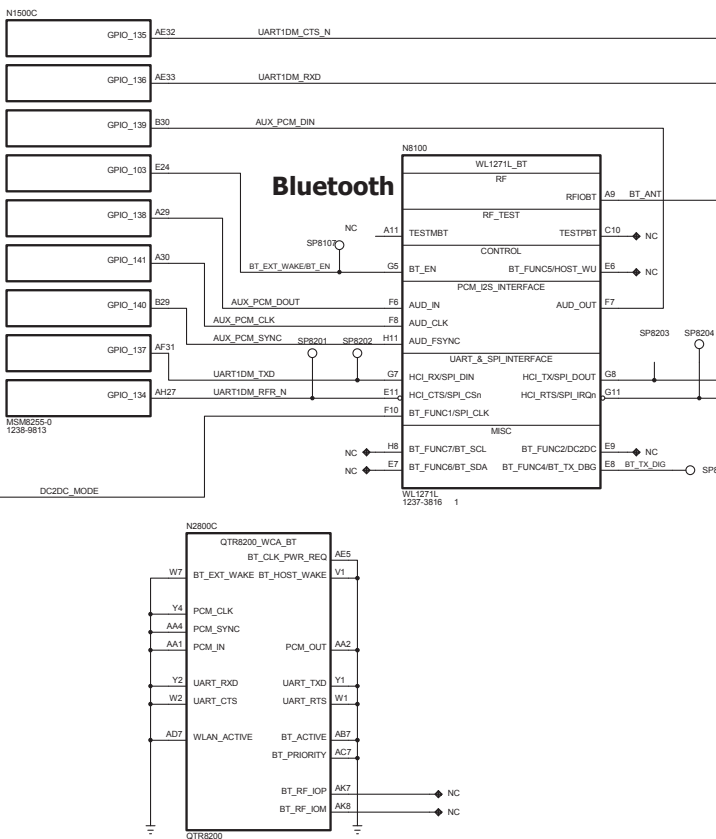
WLAN Radi



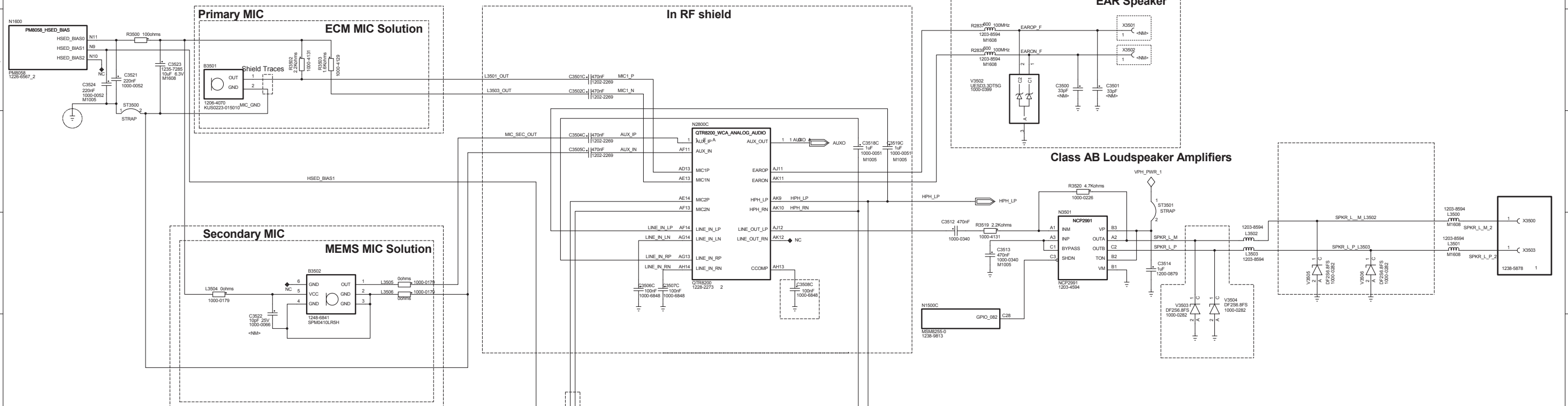
FEM Power



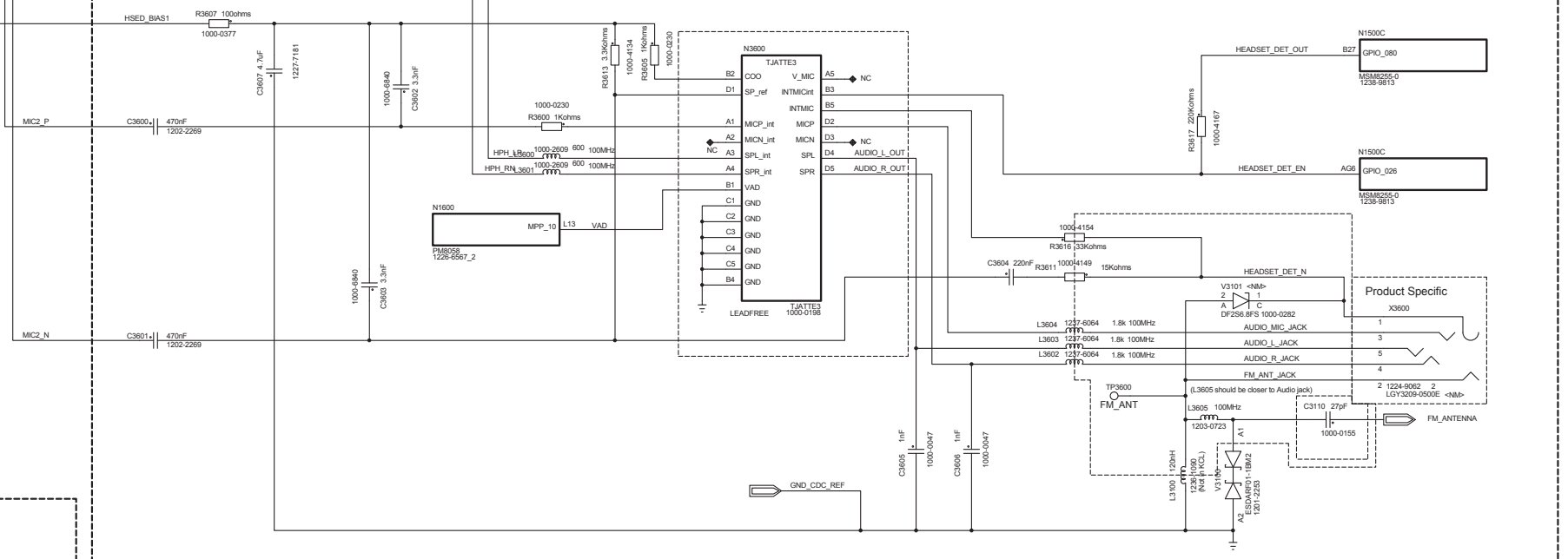
Power Bloc

BT Radi
-8200

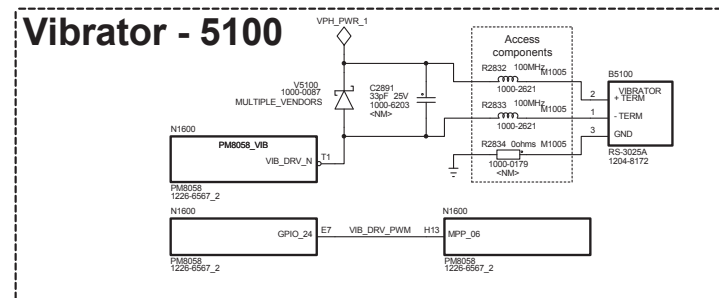
Analog Audio - 3500



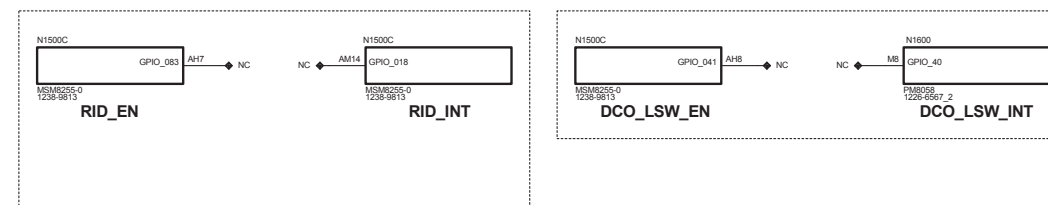
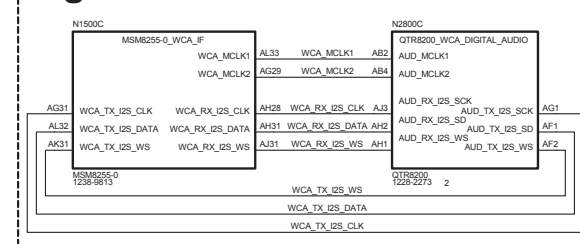
Audio Jack - 3600



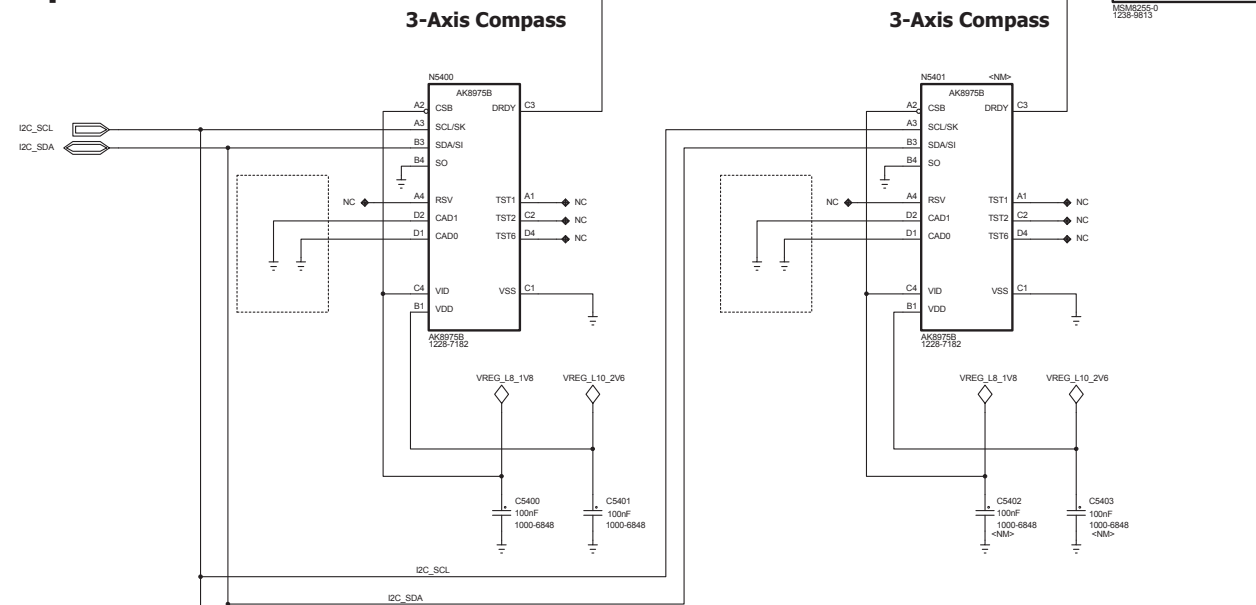
Vibrator - 5100



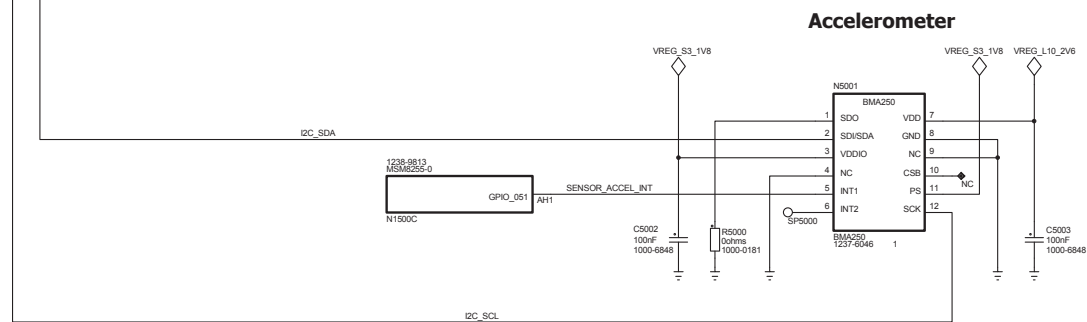
Digital Audio - 3000



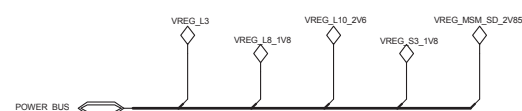
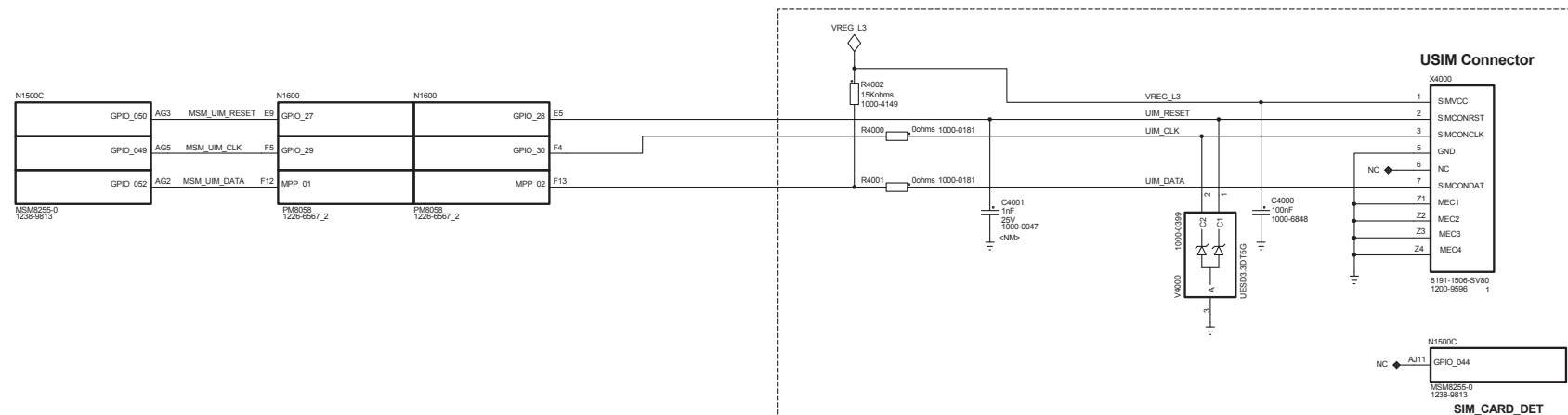
E-Compass - 5400



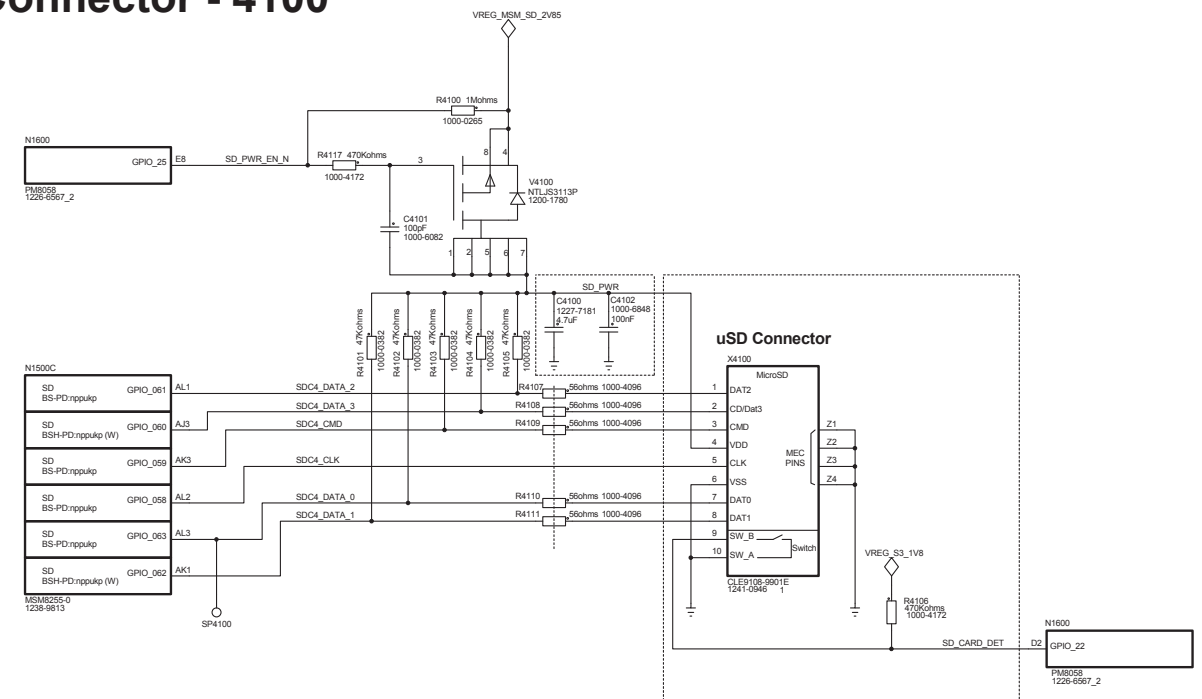
Accelerometer - 5000



USIM Connector - 4000



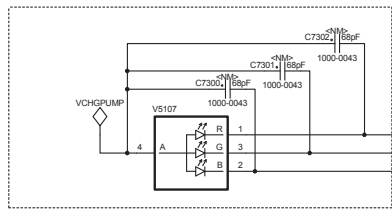
uSD Connector - 4100



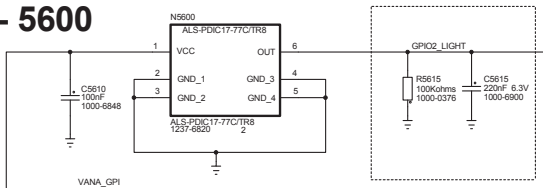
[illegible]

Keyboard(Key Back Light) - 5200

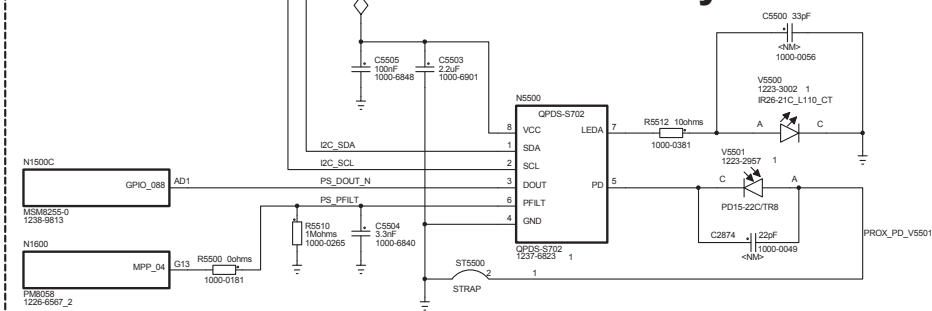
MMI LED - 5100



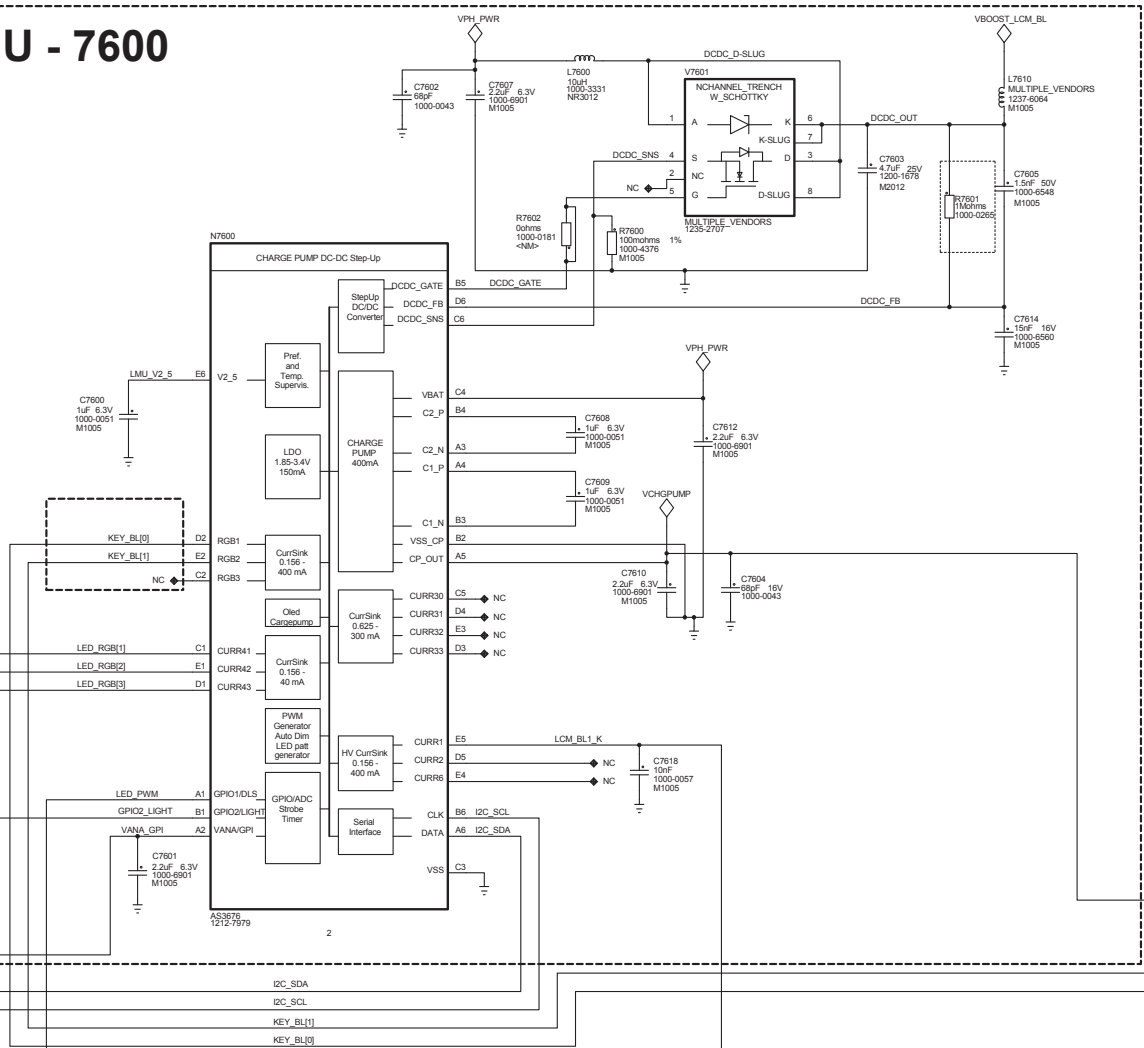
Ambient Light sensor - 5600



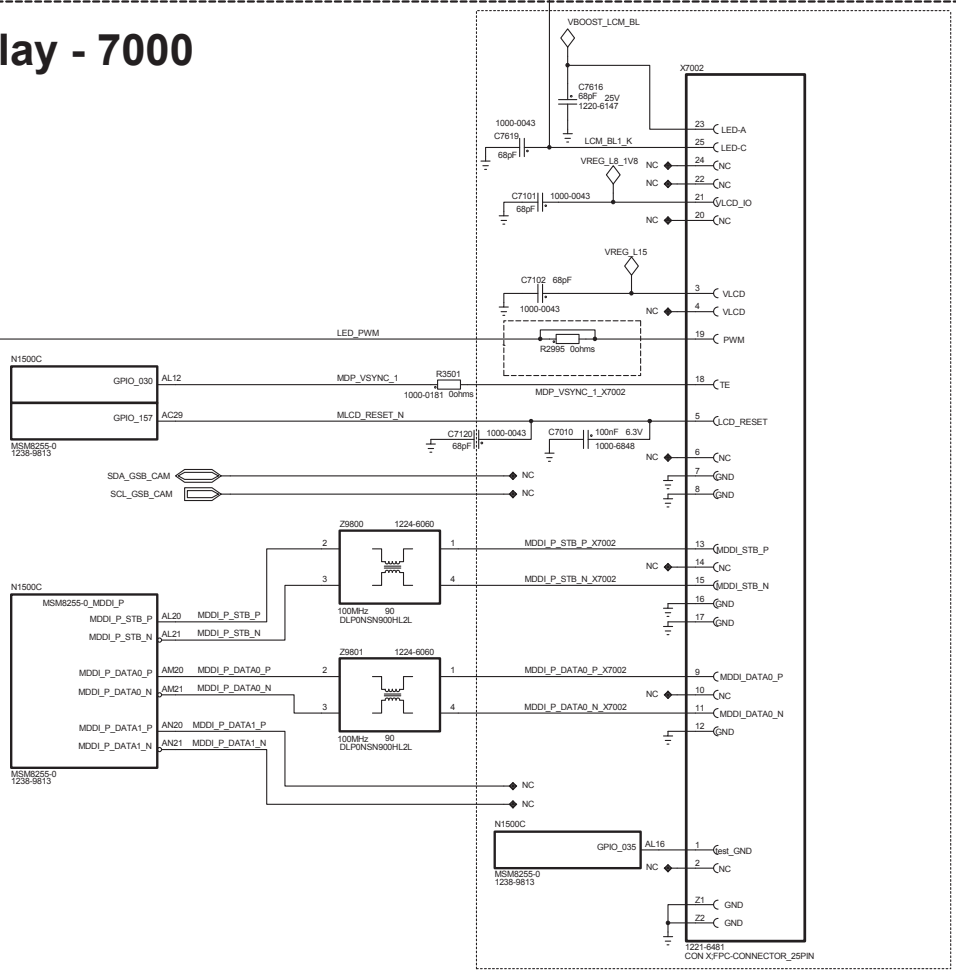
Proximity sensor - 5500



LMU - 7600

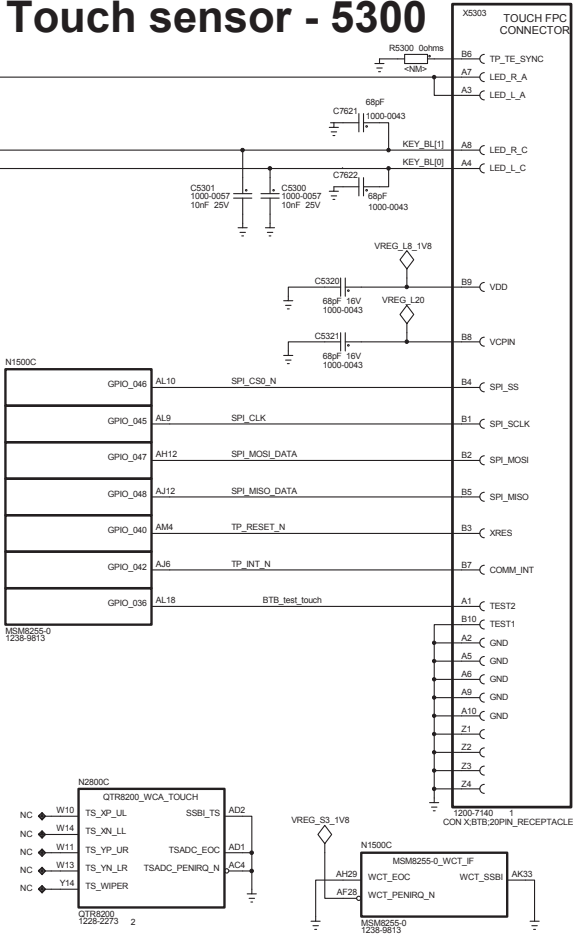


Display - 7000

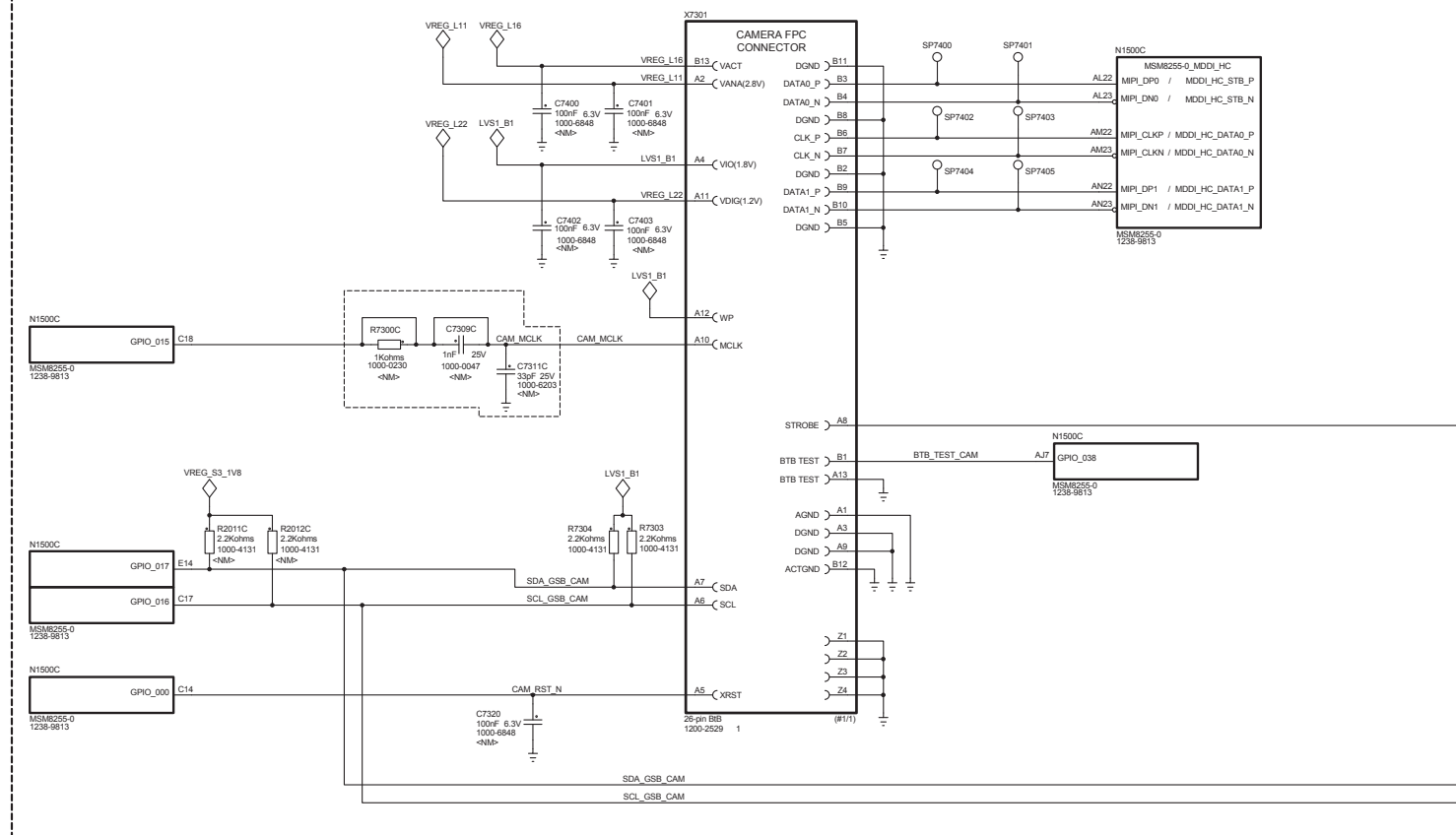


Torch LED - 7800

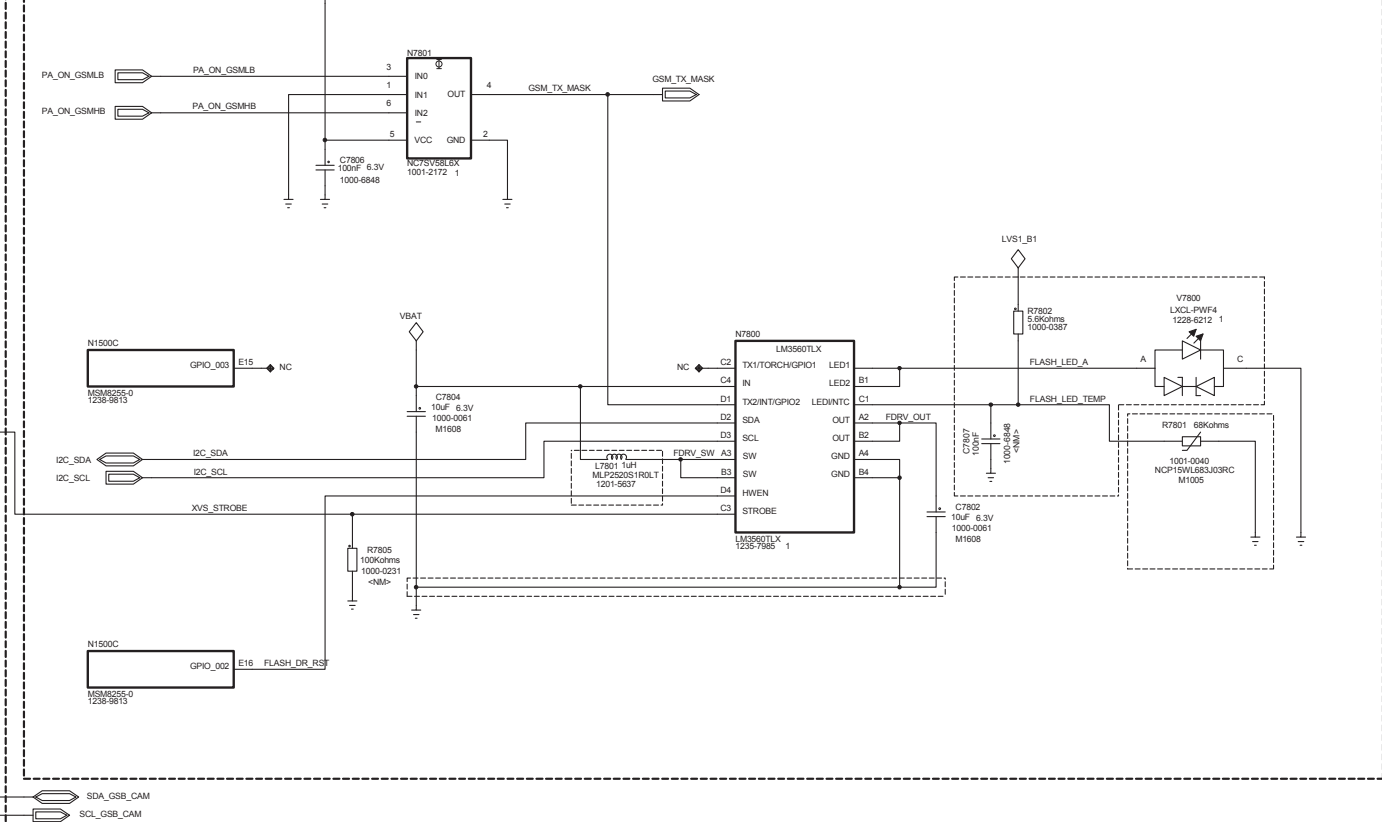
Touch sensor - 5300



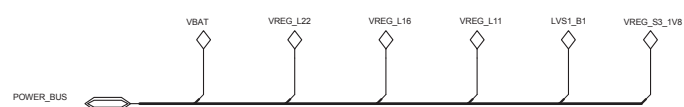
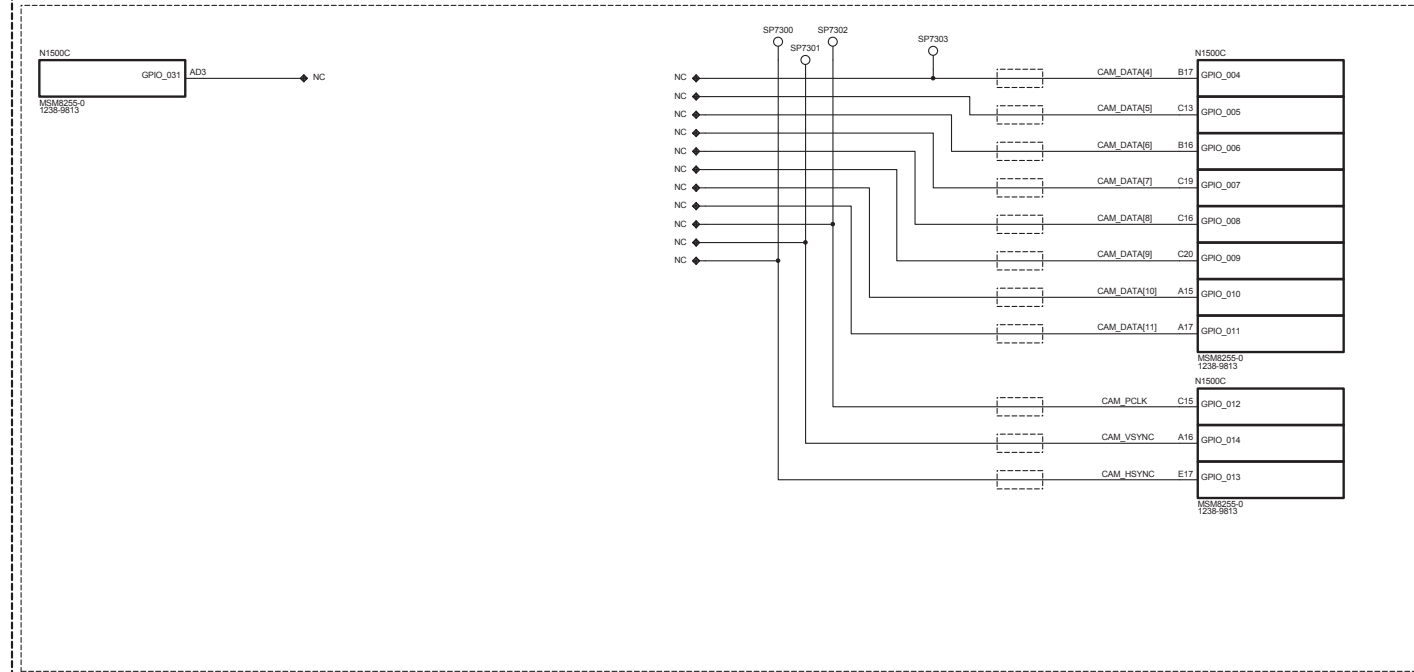
Main Camera - 7300



Flash LED Driver - 7800



Sub Camera - 7300



HDMI - 6500

Analog TV_Out - 6400

