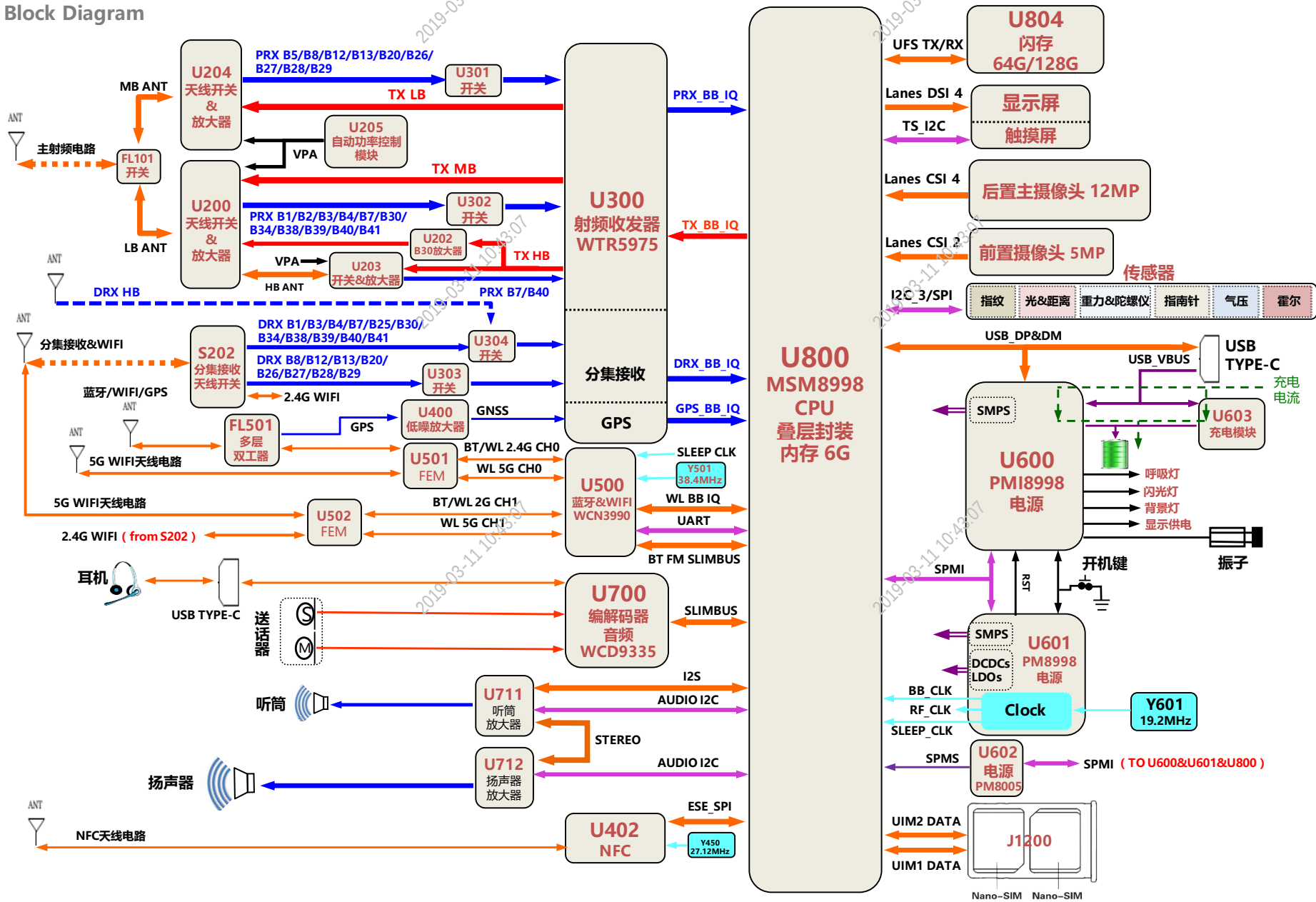


小米MIX2 逻辑框图&主板元件分布图

Block Diagram

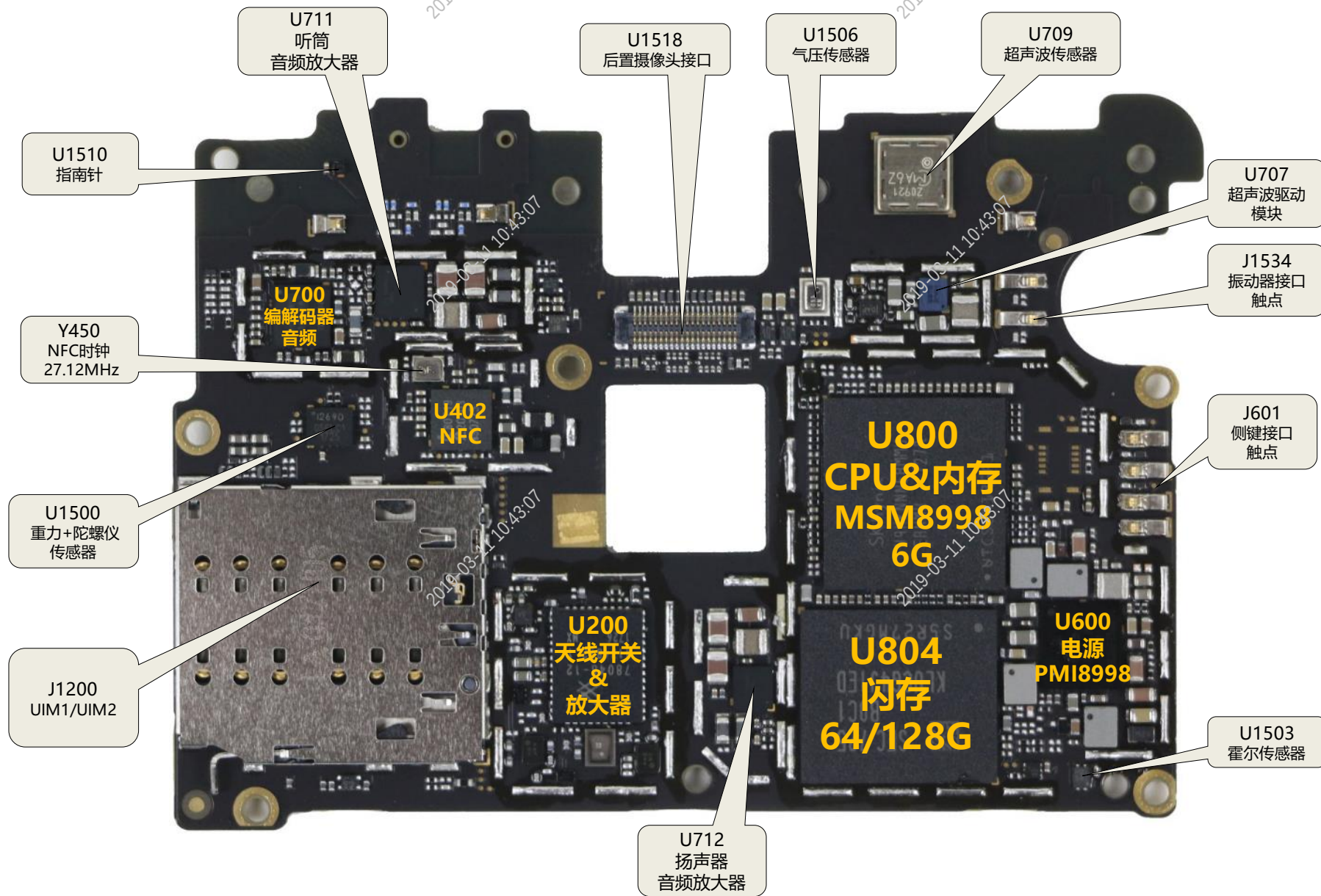
VIETMOBILE.VN



小米MIX2 逻辑框图&主板元件分布图

VIETMOBILE.VN

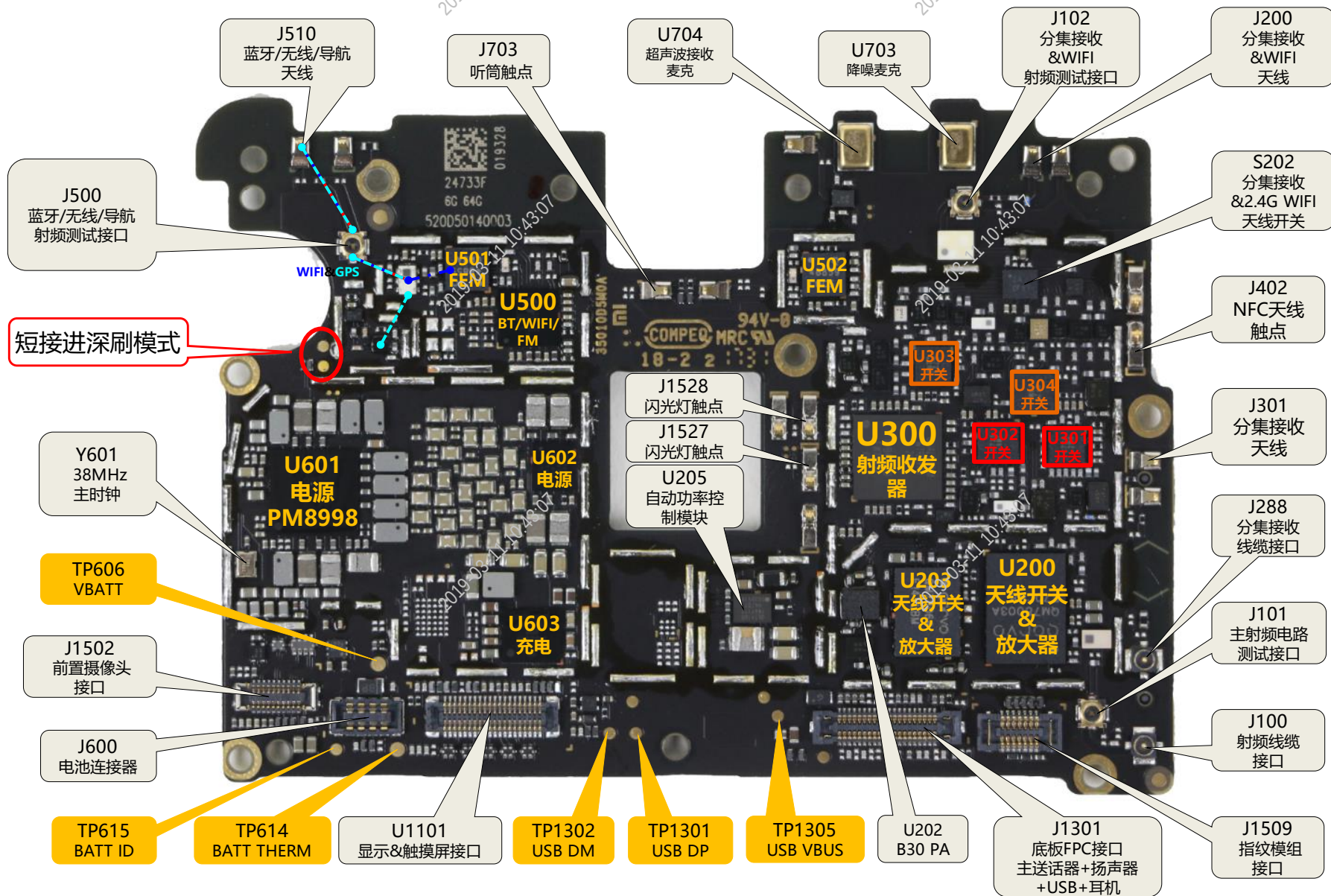
TOP



小米MIX2 逻辑框图&主板元件分布图

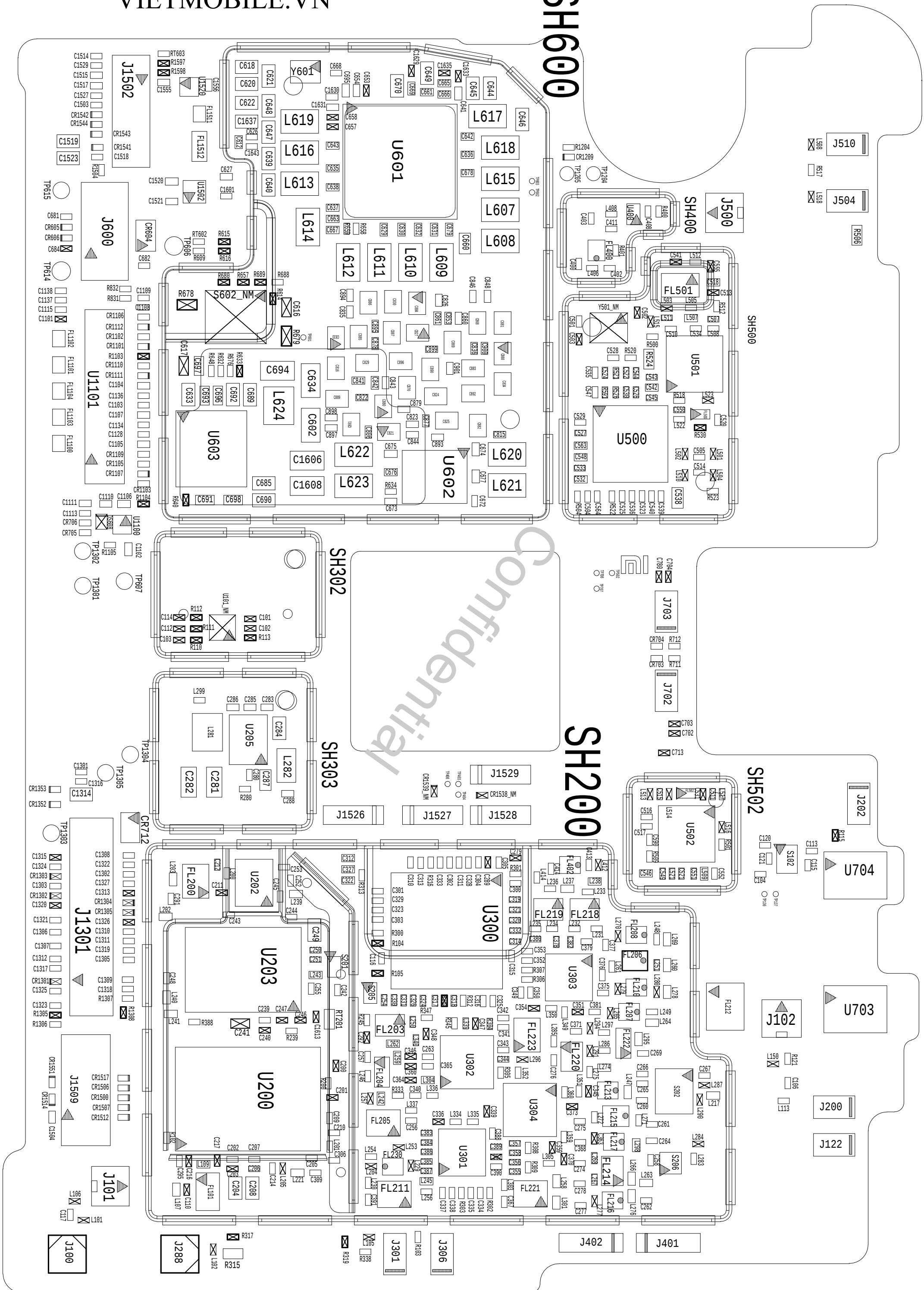
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VIETMOBILE.VN

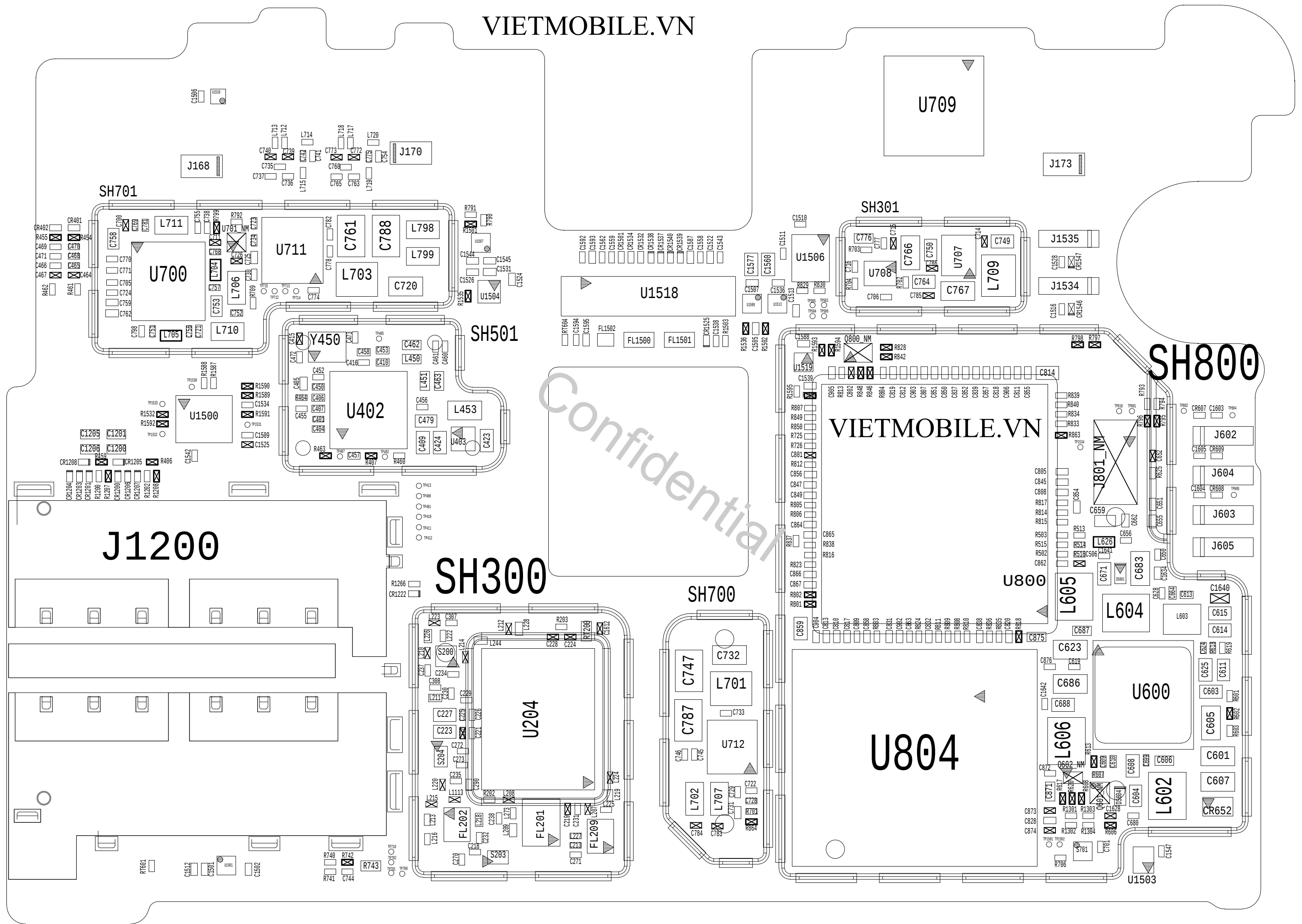


框图和位号图涉及的英文缩写可根据下表进行解释。

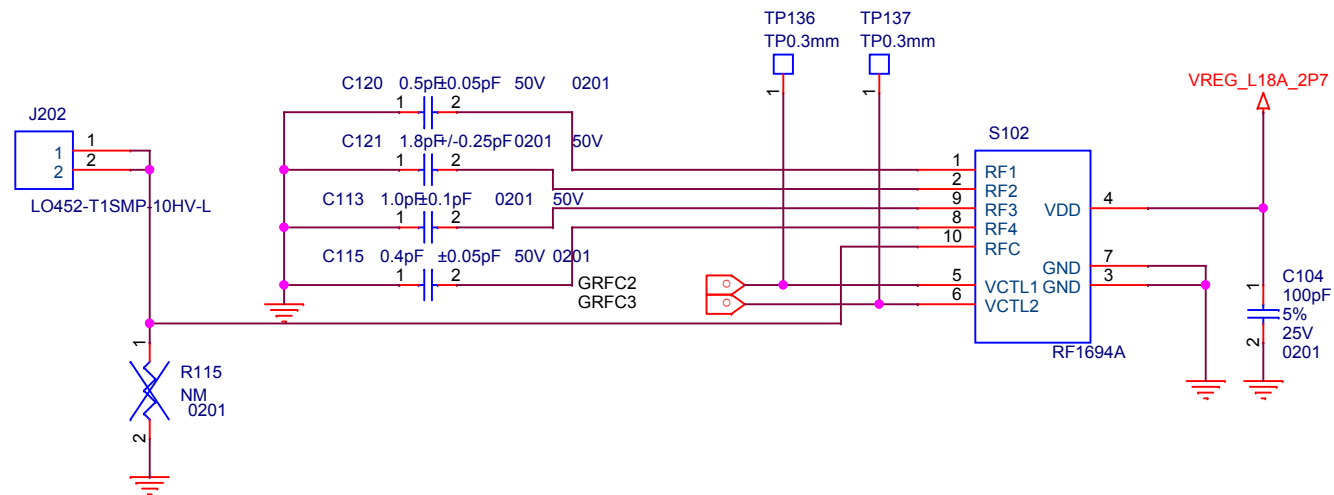
小米MIX2 逻辑框图，英译汉对照表					
索引	缩写	释义	索引	缩写	释义
	12MP	1200万像素	P	PRX BB IQ	主集接收IQ信号（中频与CPU间）
A	ANT	天线	R	RF CLK	射频时钟
	B1/B2/B3~B41	第1~41频段		RST	复位信号
	Block Diagram	框图	S	SPI	串行外设接口（传感器通信总线）
B	BOT	底面		SPMI	电源管理总线
	BATT THERM	温度检测		SMPS	开关电源（电源IC输出的供电信号）
	BAT ID	电池识别		SLEEP CLK	睡眠时钟
	BB_CLK	基带时钟		STEREO	立体声通讯总线
C	CH	通道		SLIMBUS	串行多媒体总线（音频）
D	DRX BB IQ	分集接收IQ信号（中频与CPU间）		TOP	上面
	DCDC	直流电源（电源IC输出的供电信号）	T	TS I2C	触屏控制总线
E	ESE_SPI	NFC通信总线		TX BB IQ	基带部分发射IQ信号
F	FEM	前端模组（滤波器&低噪放大器）		USB-DP	USB Data Positive（数据+）手机与外
G	GPS BB IQ	GPS基带IQ信号（中频与CPU间）		USB VBUS	USB供电
	GNSS	全球卫星导航系统		USB-DM	USB Data Minus（数据-）手机与外设
I	I2C	两线制串行控制总线	U	UART	通信总线（U500与CPU间）
	I2S	音频总线		UIM2 ADTA	通信线路（SIM卡2与CPU间）
	Lanes CSI	摄像头串行总线（摄像头与CPU通		UIM1 ADTA	通信线路（SIM卡1与CPU间）
L	Lanes DSI	显示器串行总线（LCD与CPU通讯）	V	VBATT	电池电压
	LDO	低压差线性稳压器		VPA	各PA供电（调节放大级别）



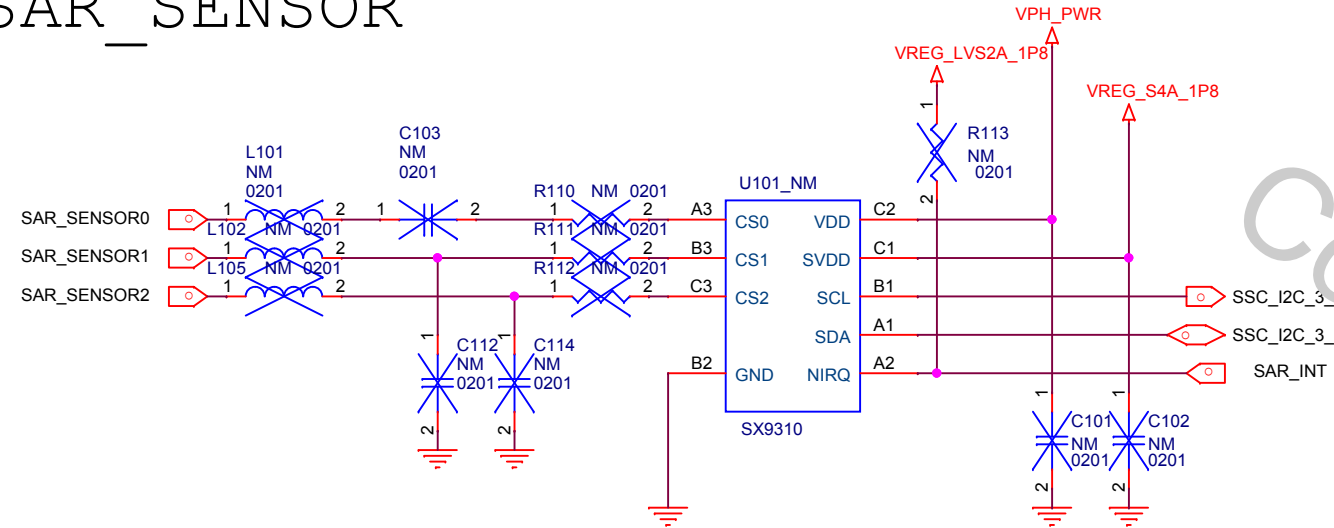
VIETMOBILE.VN



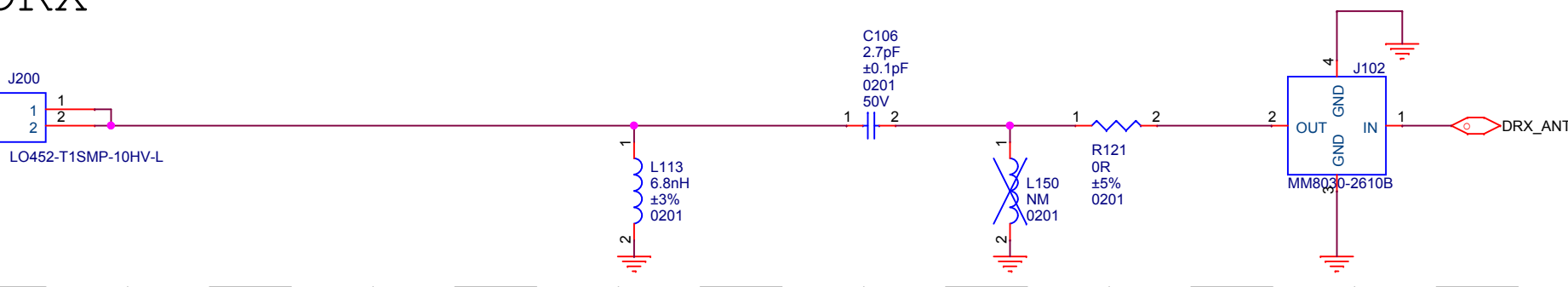
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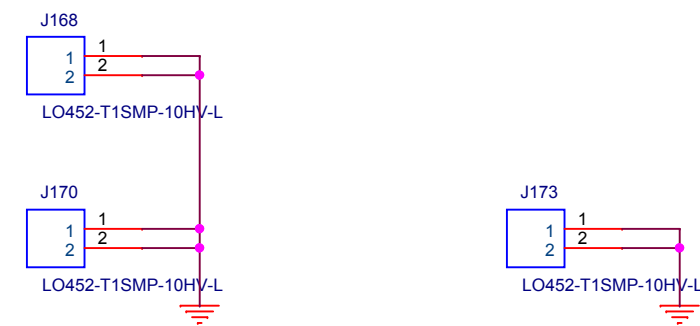
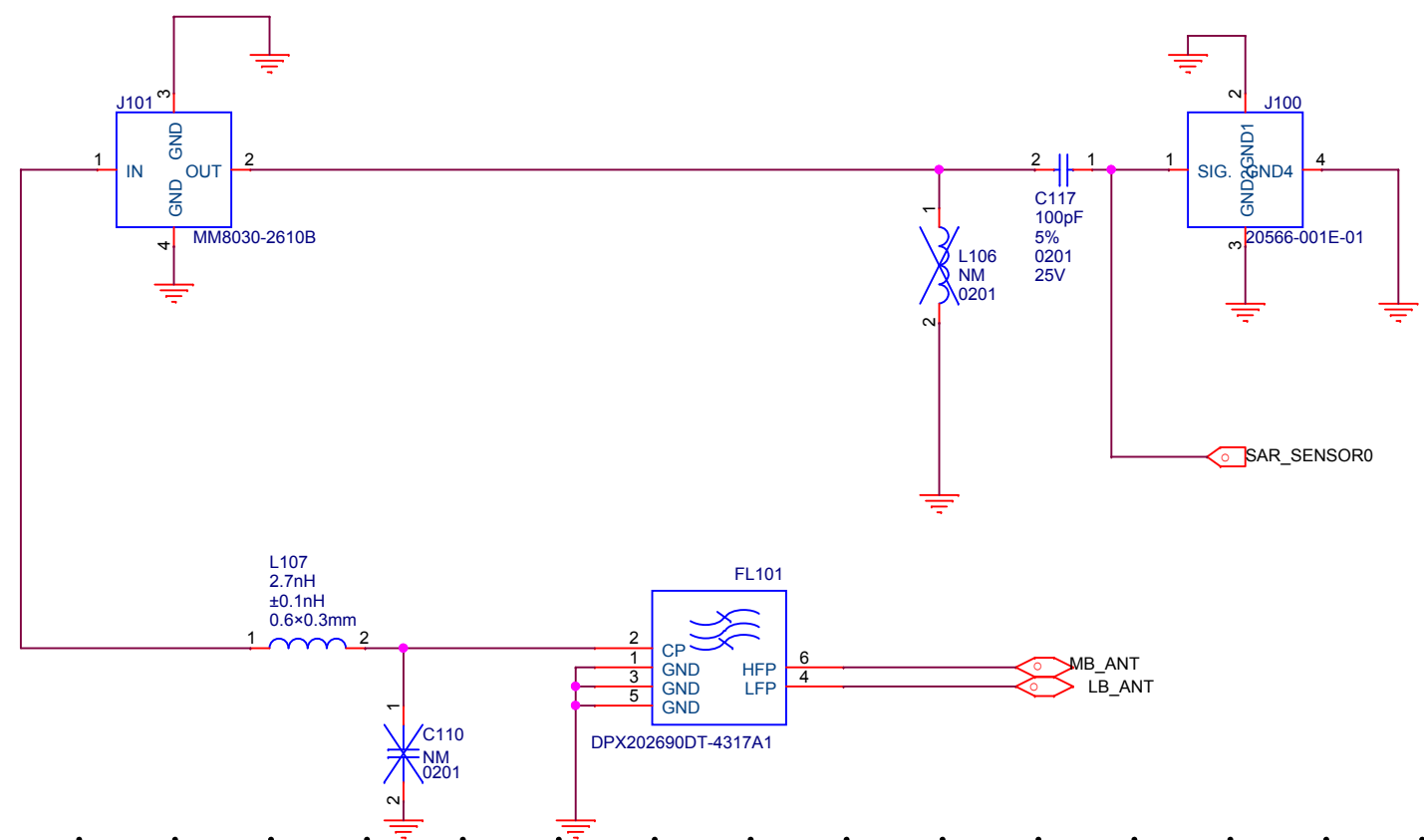
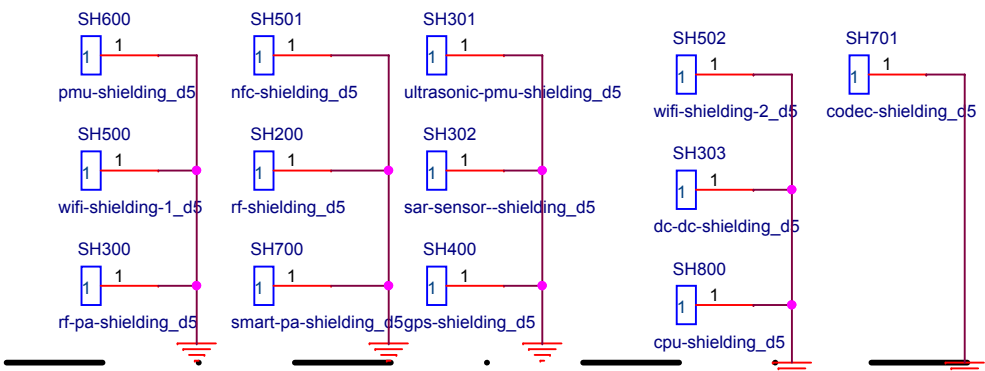
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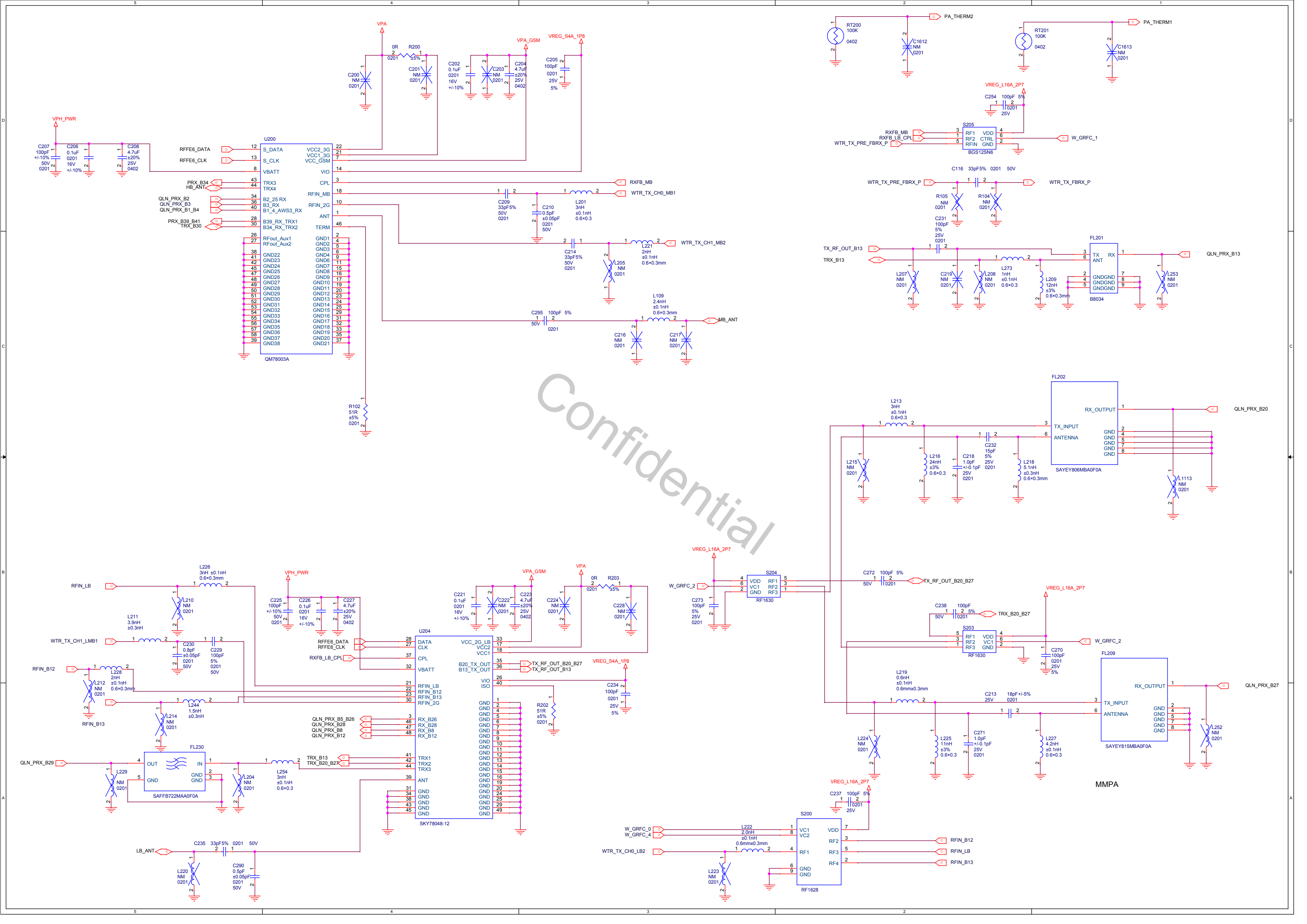


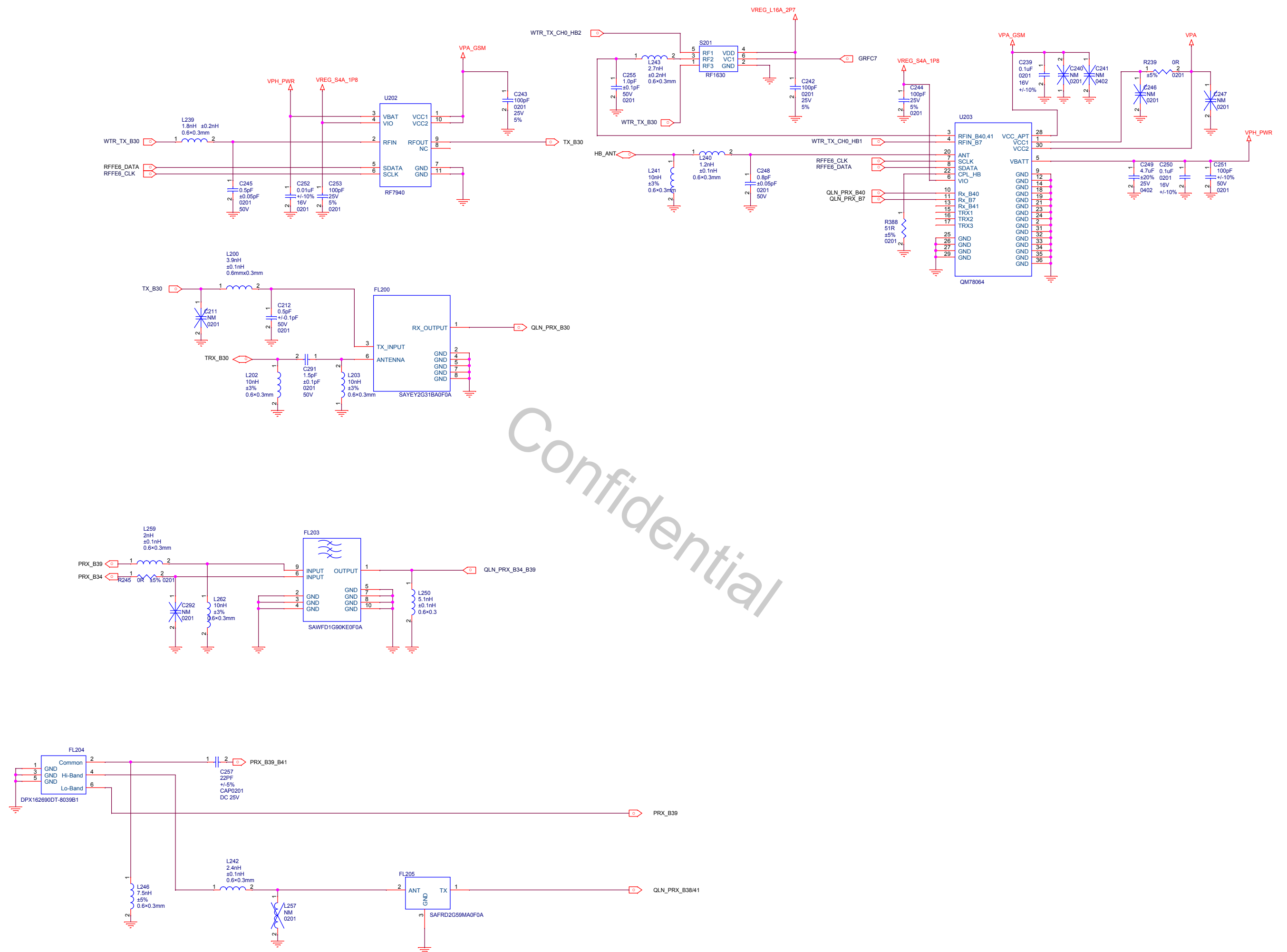
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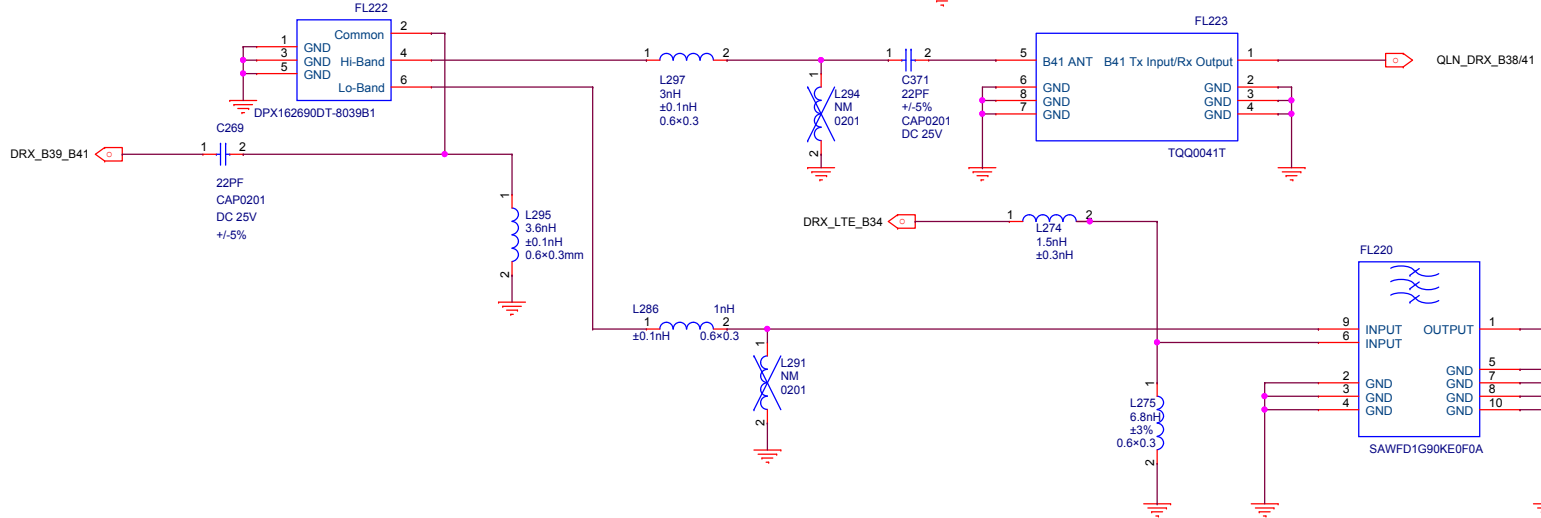
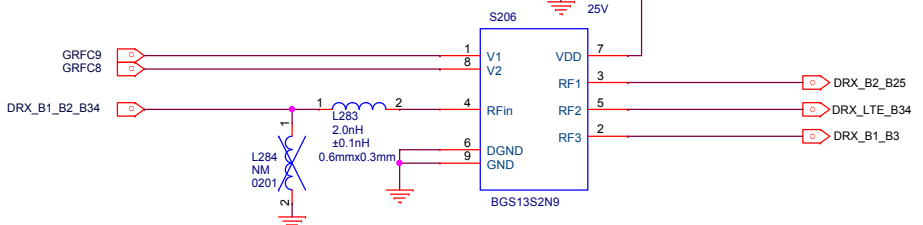
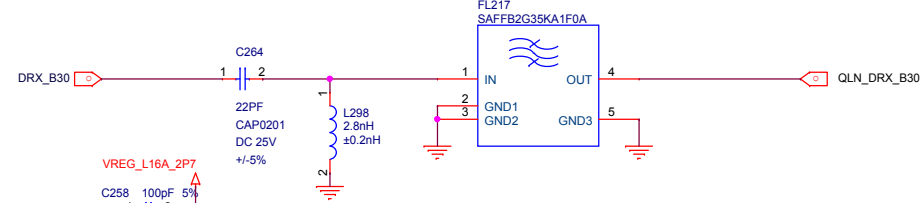
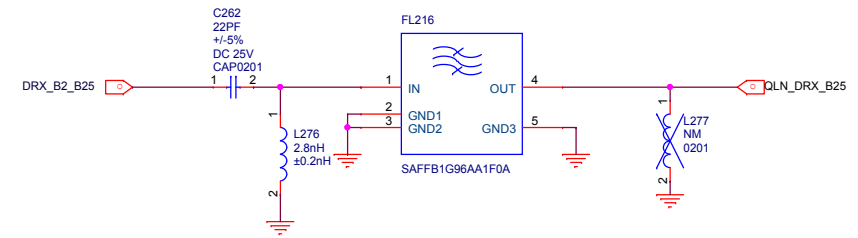
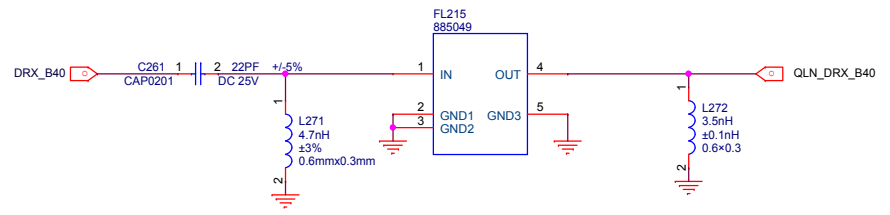
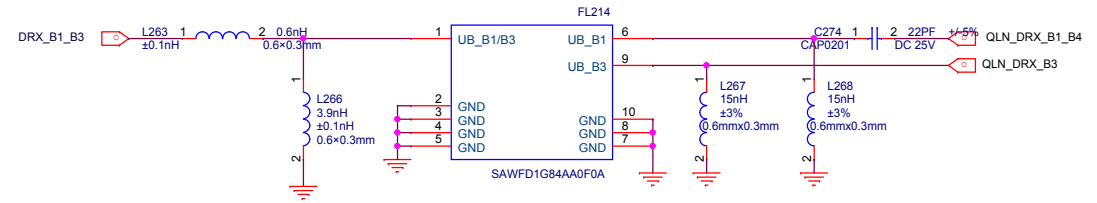
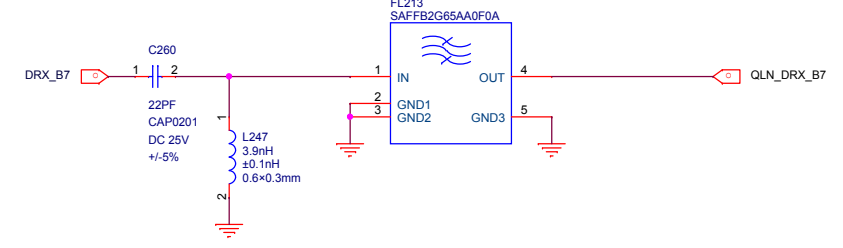
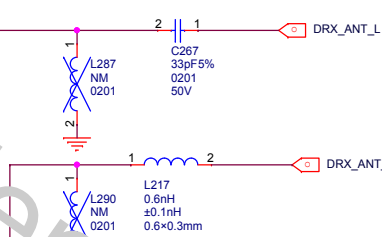
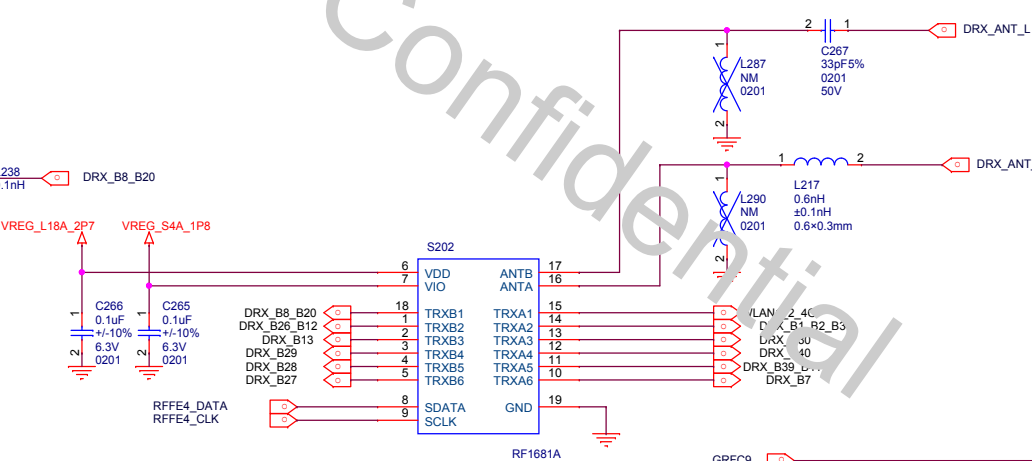
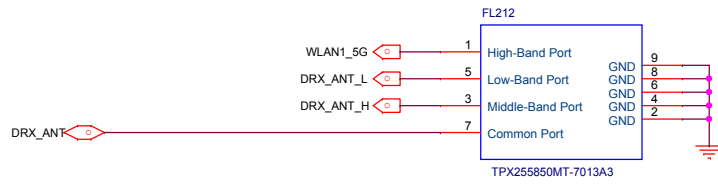
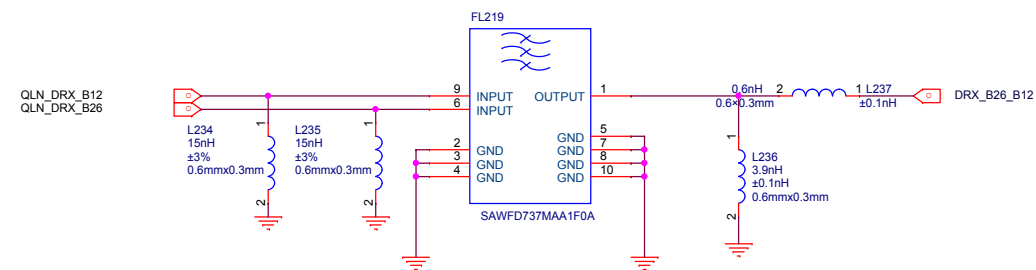
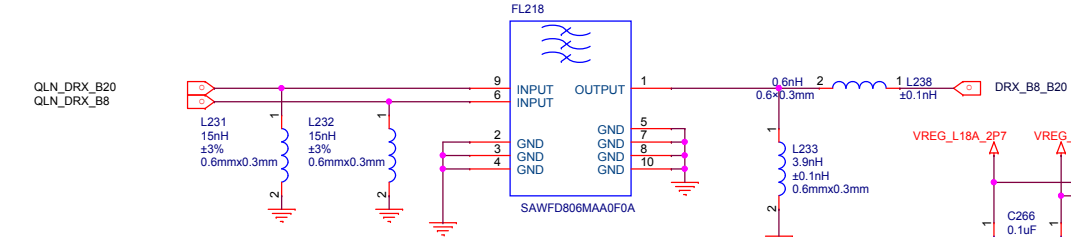
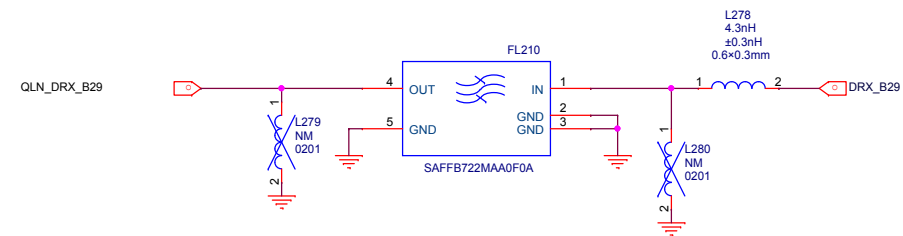
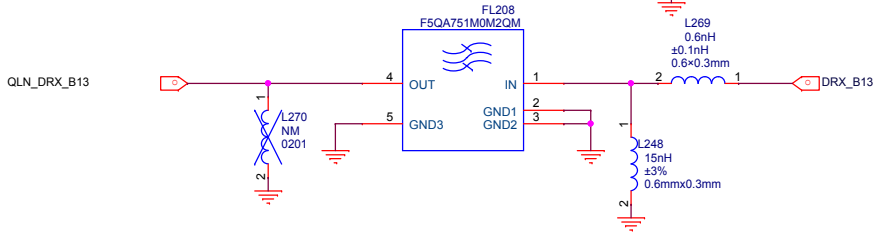
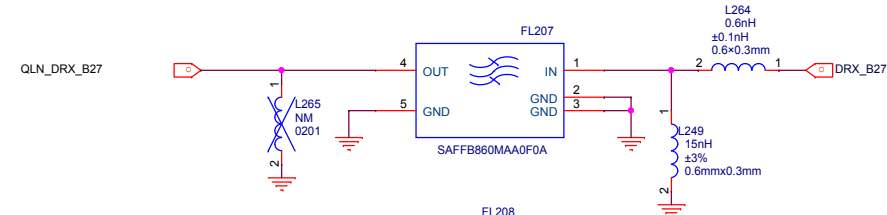
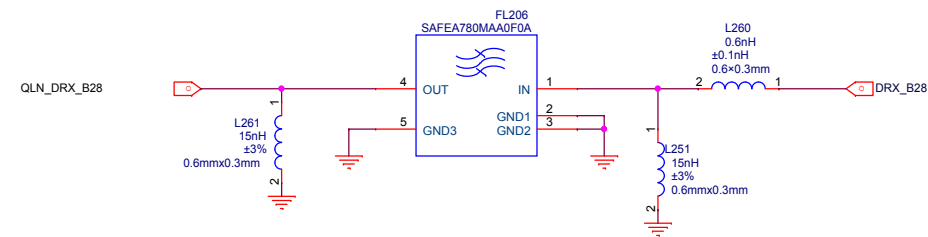


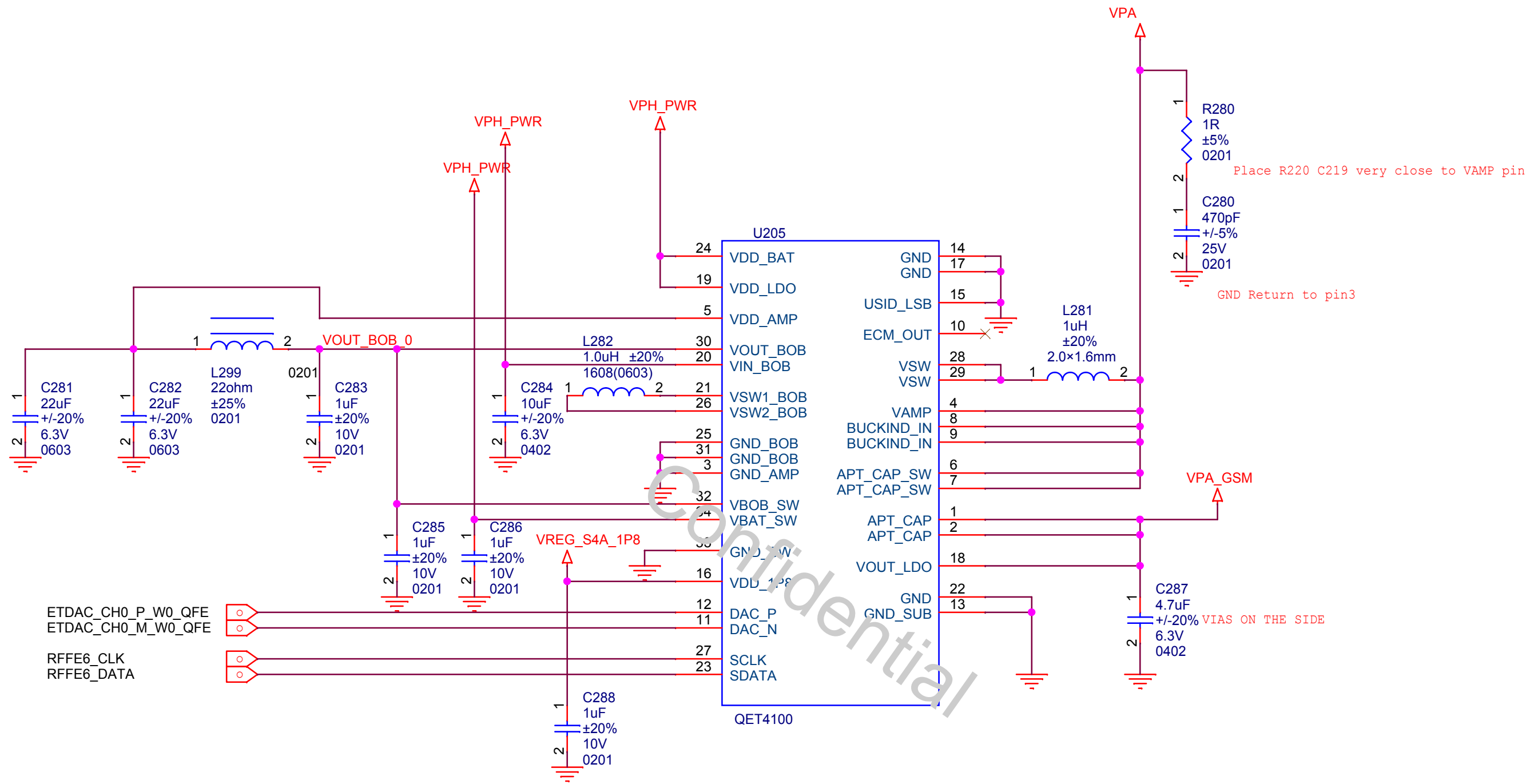
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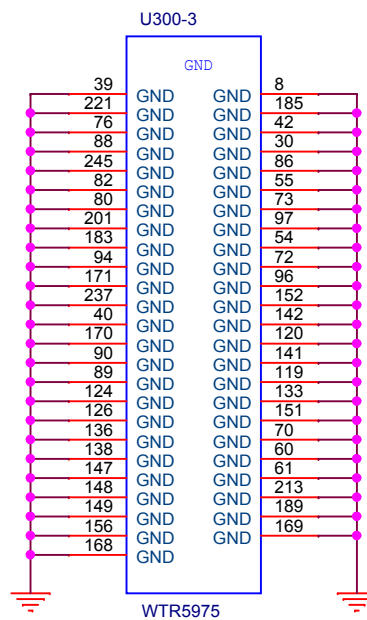
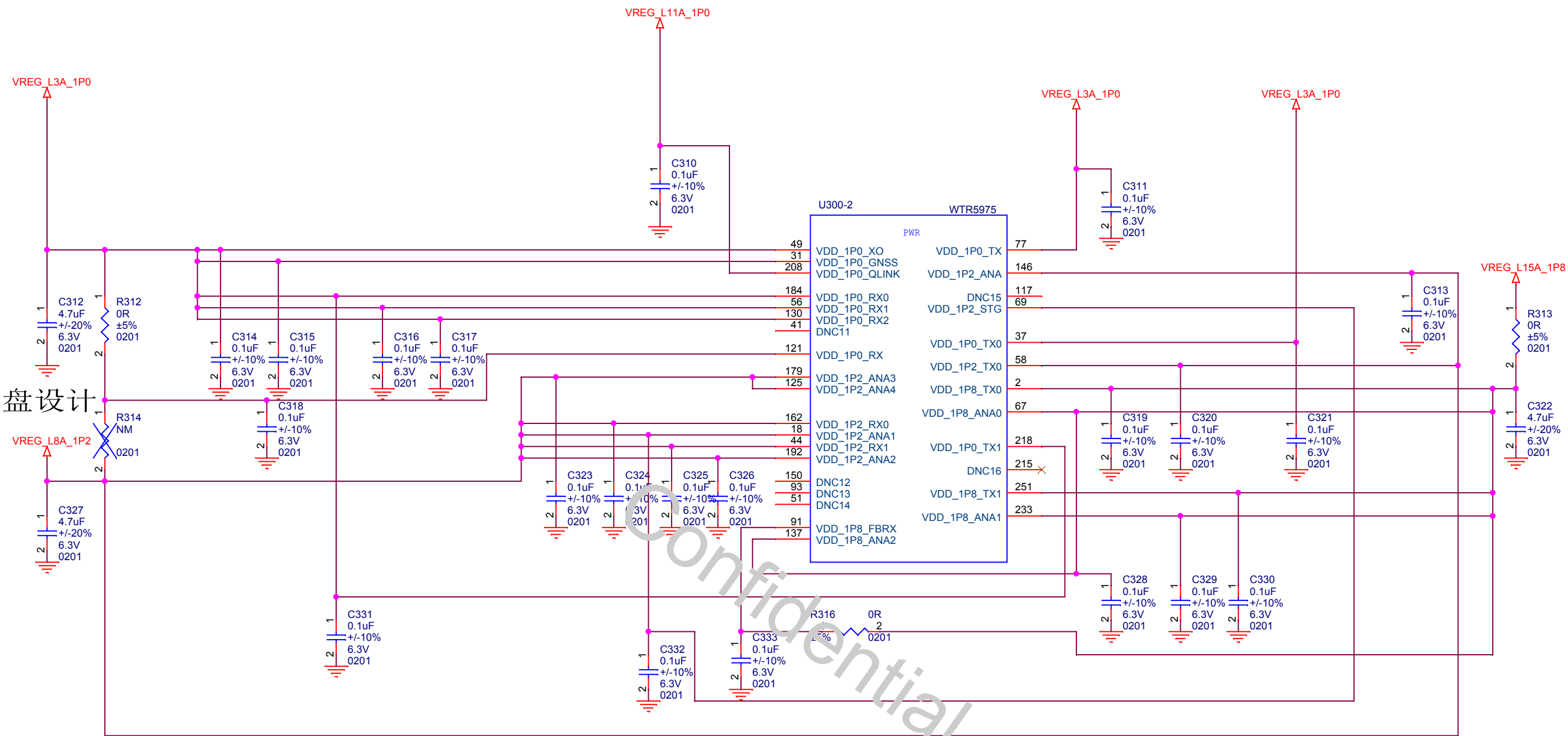


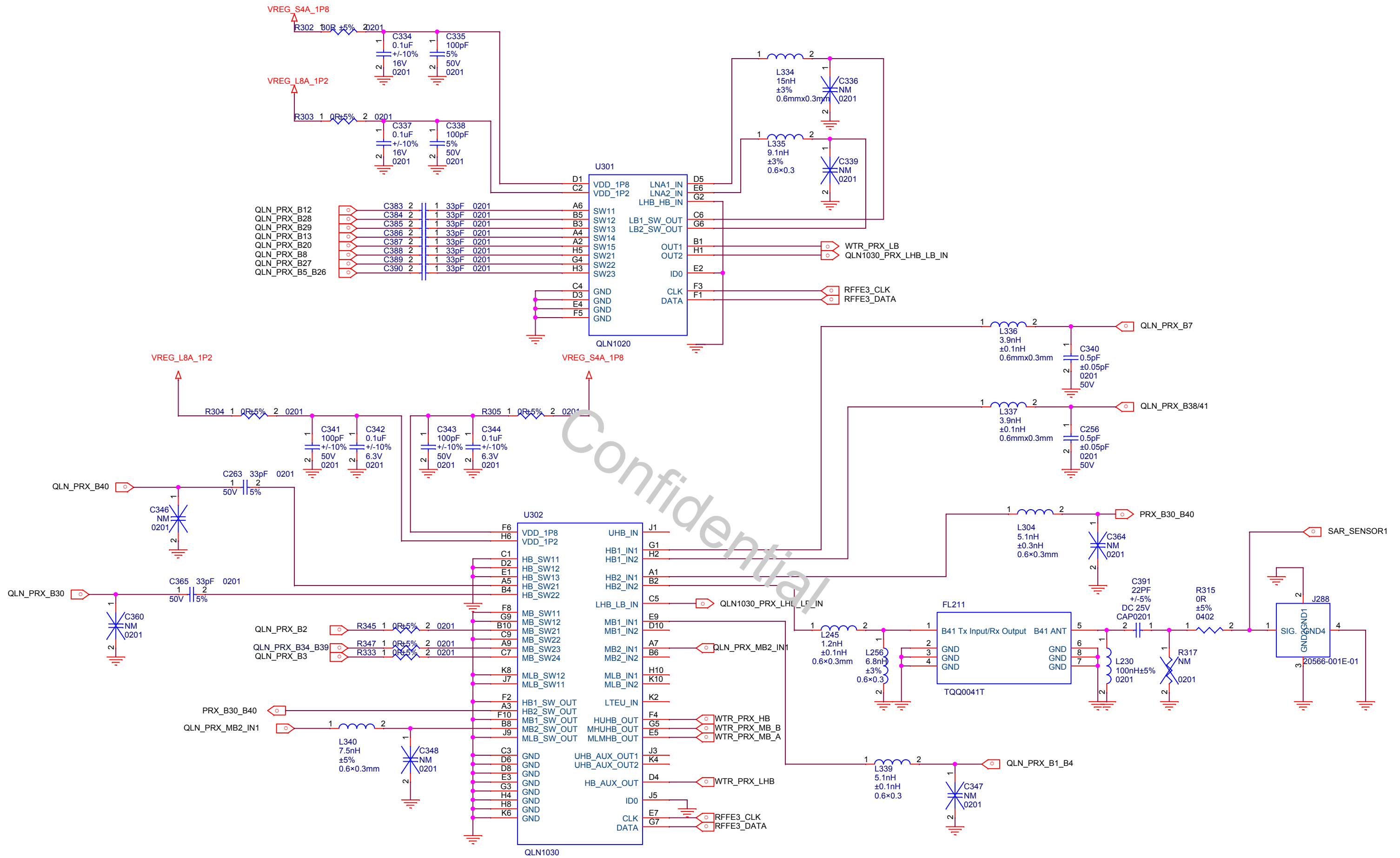


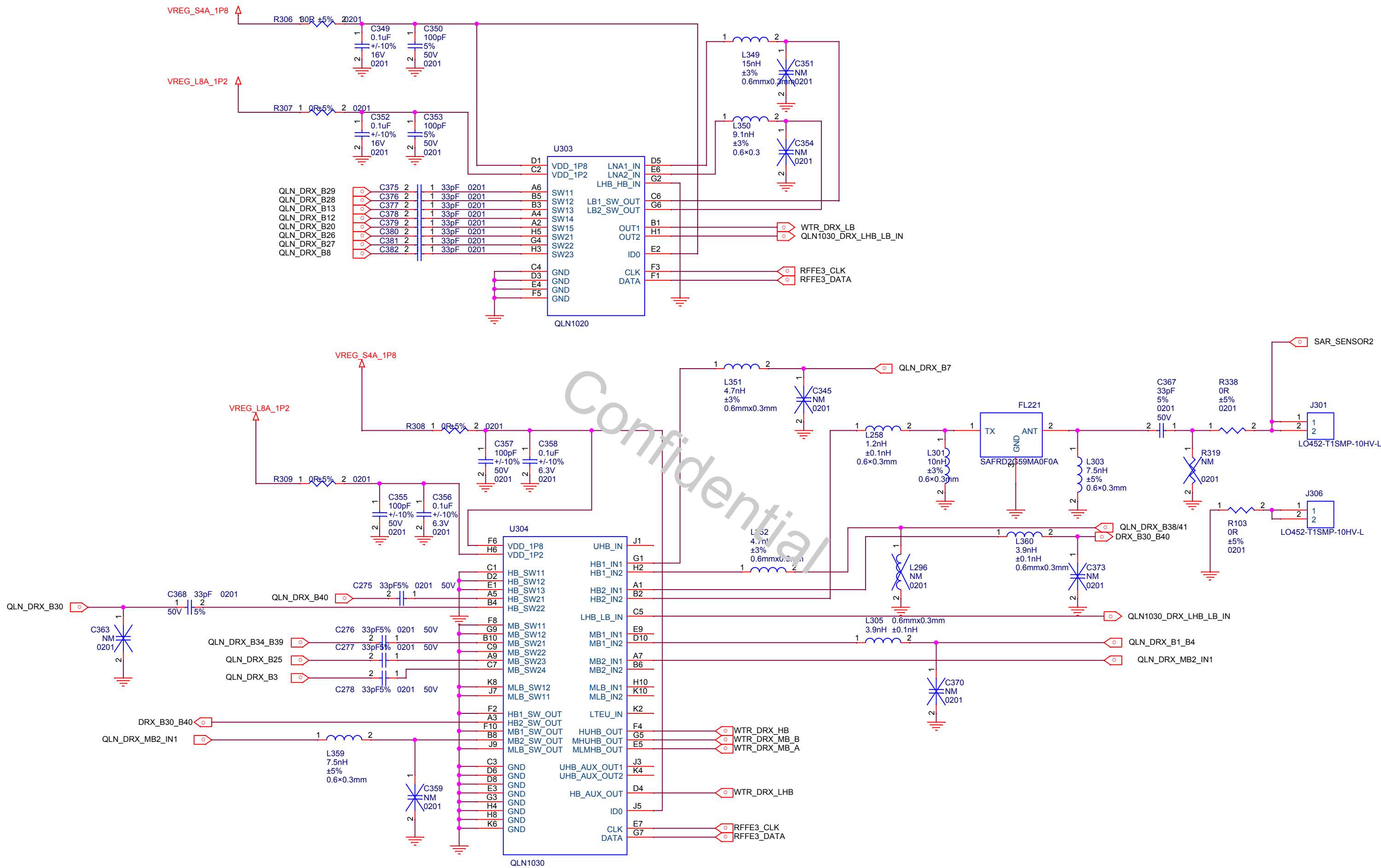


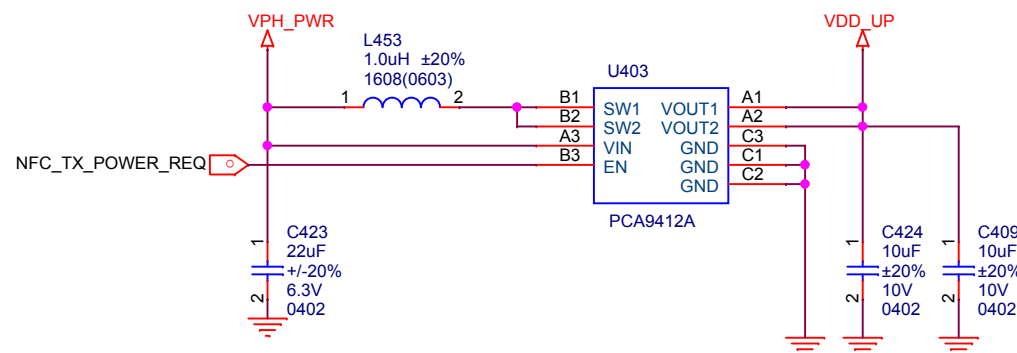
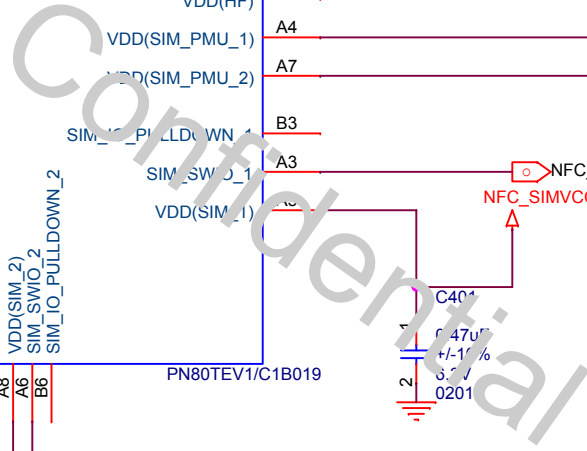


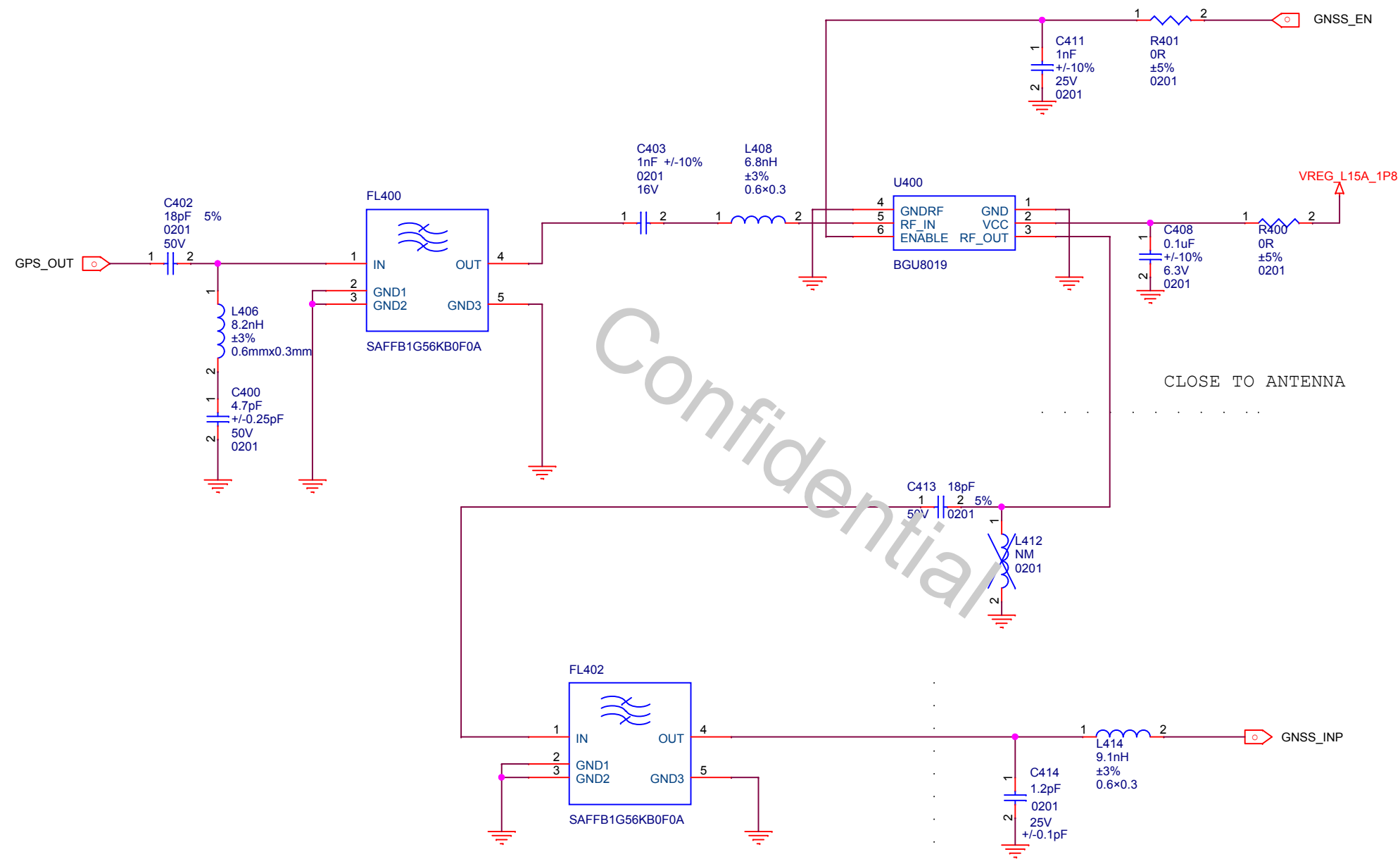
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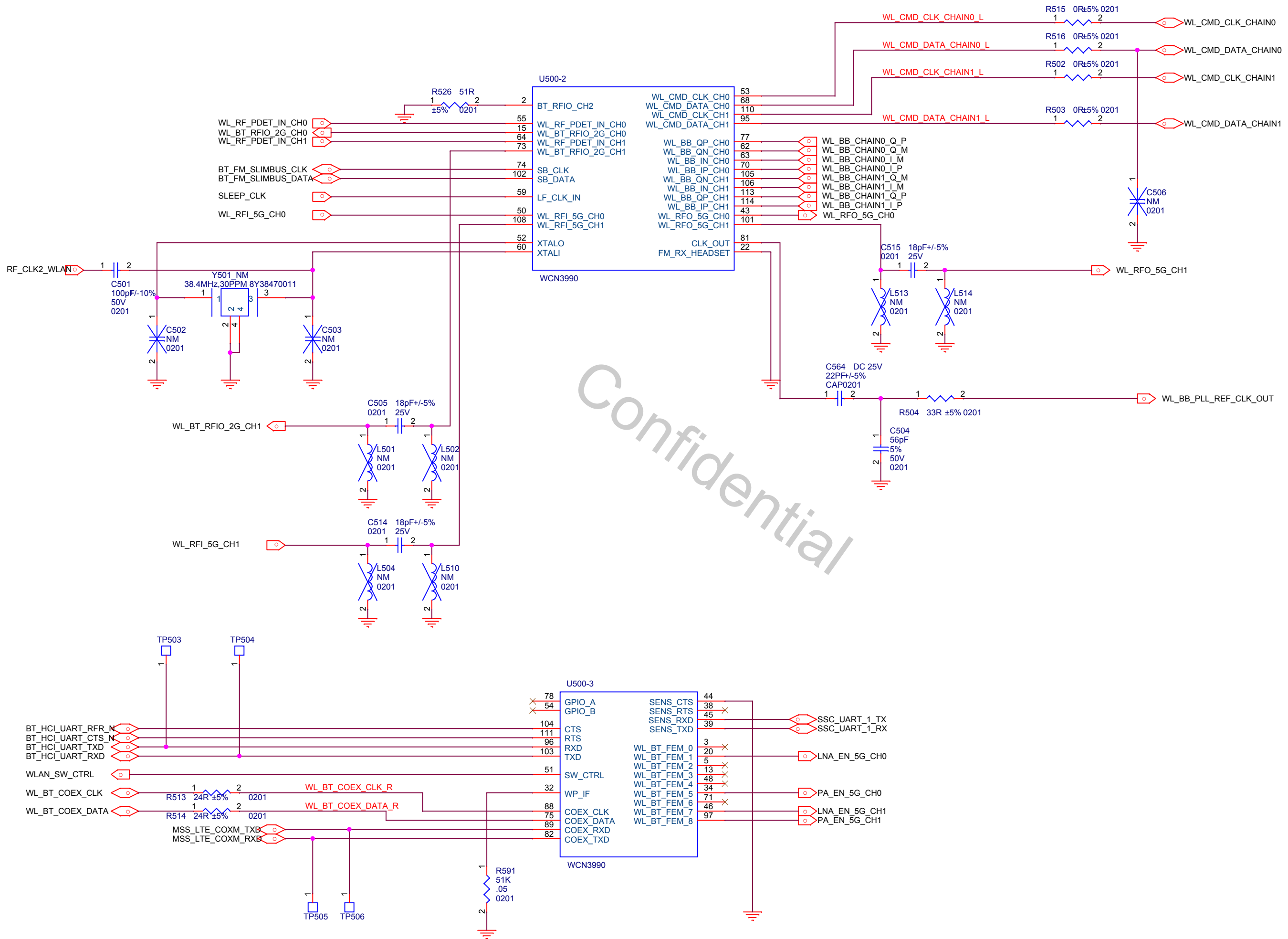


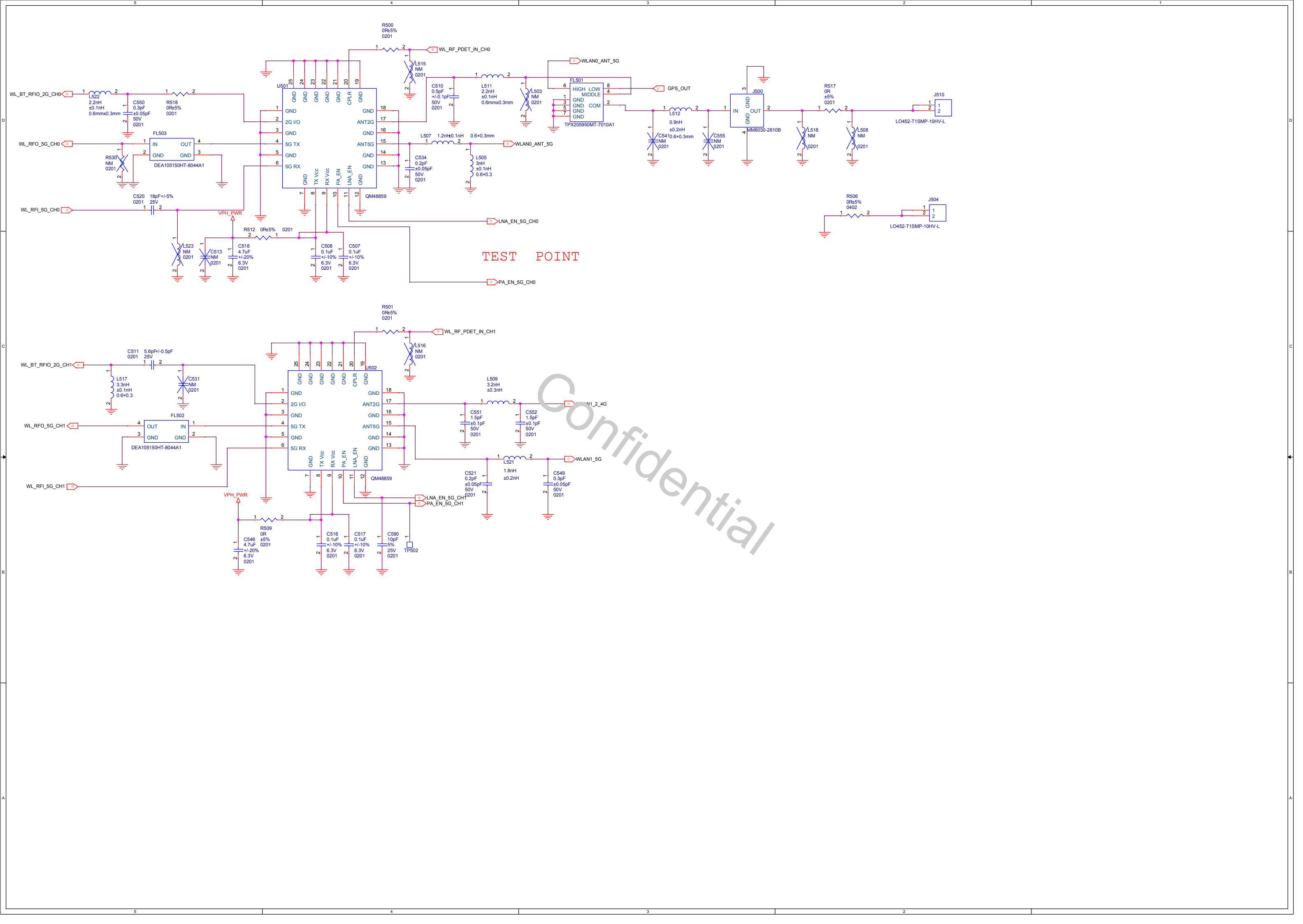


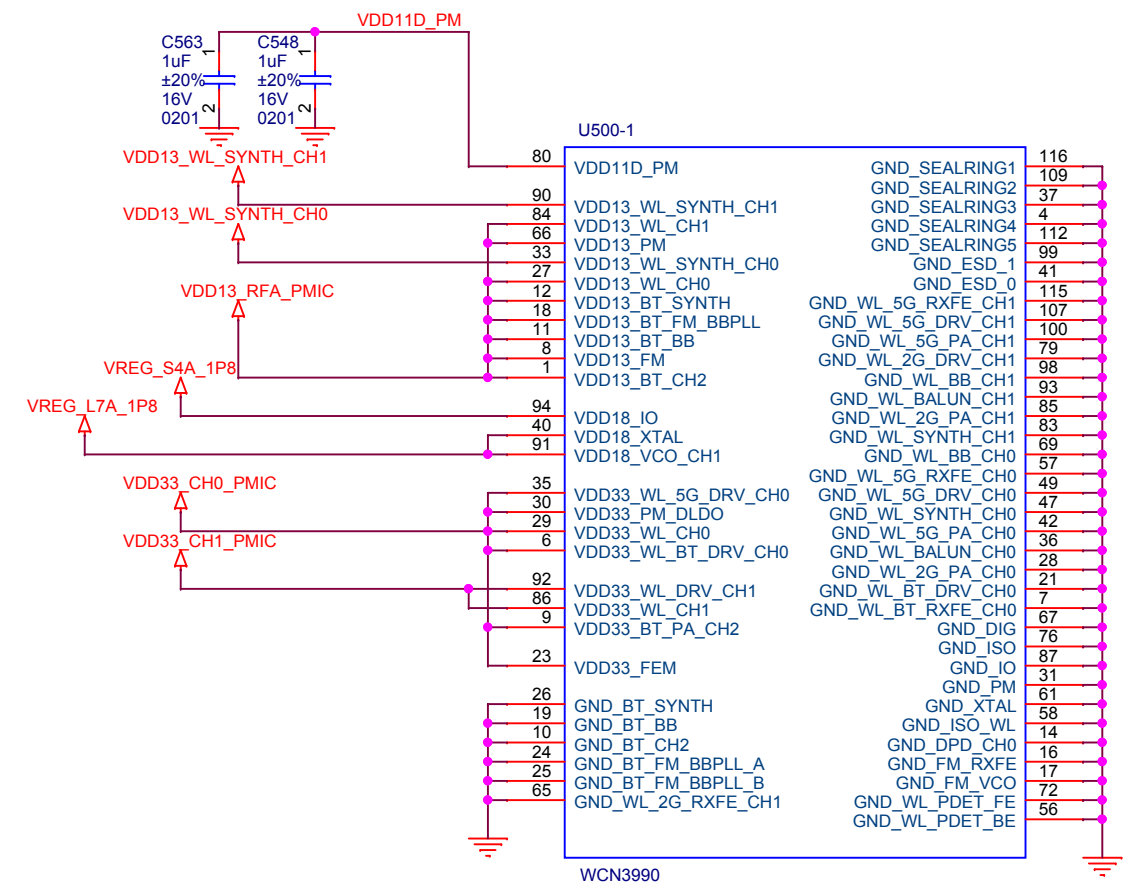
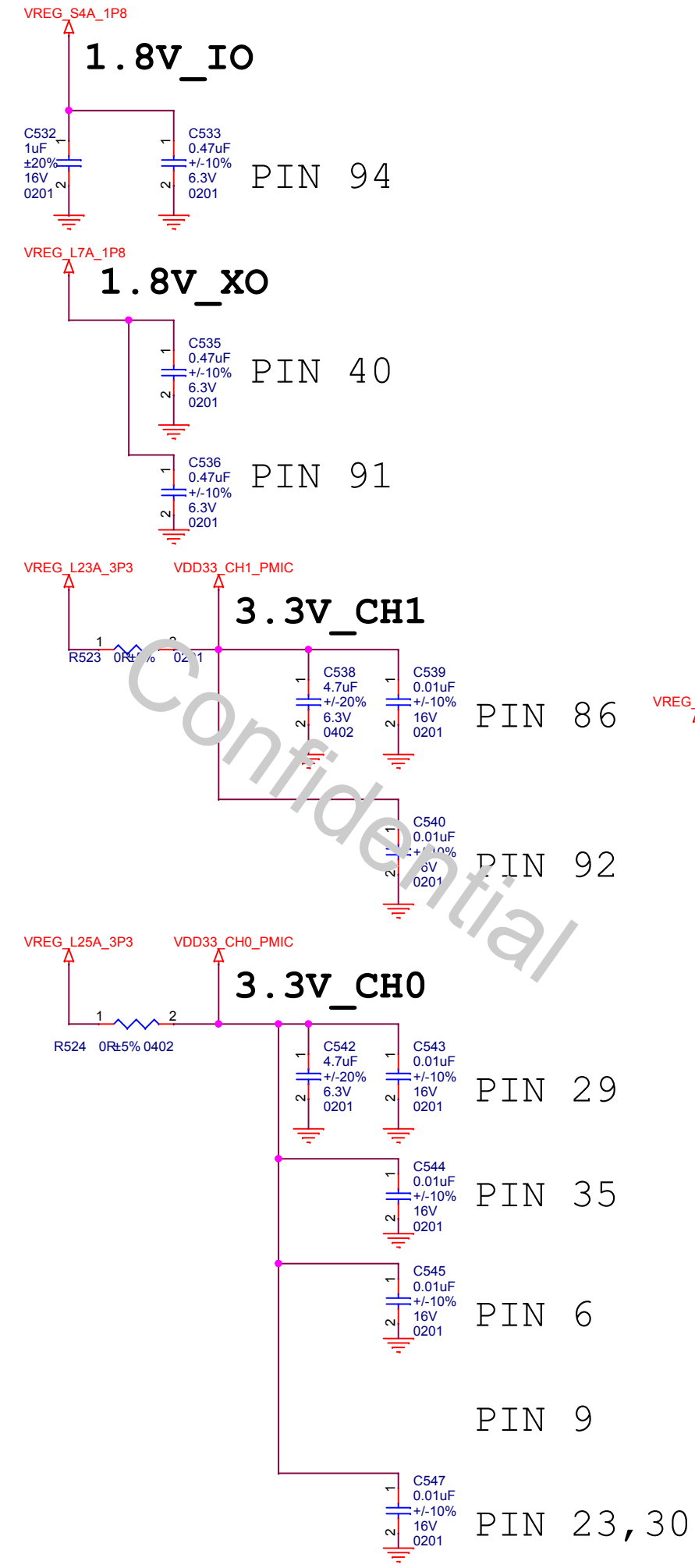
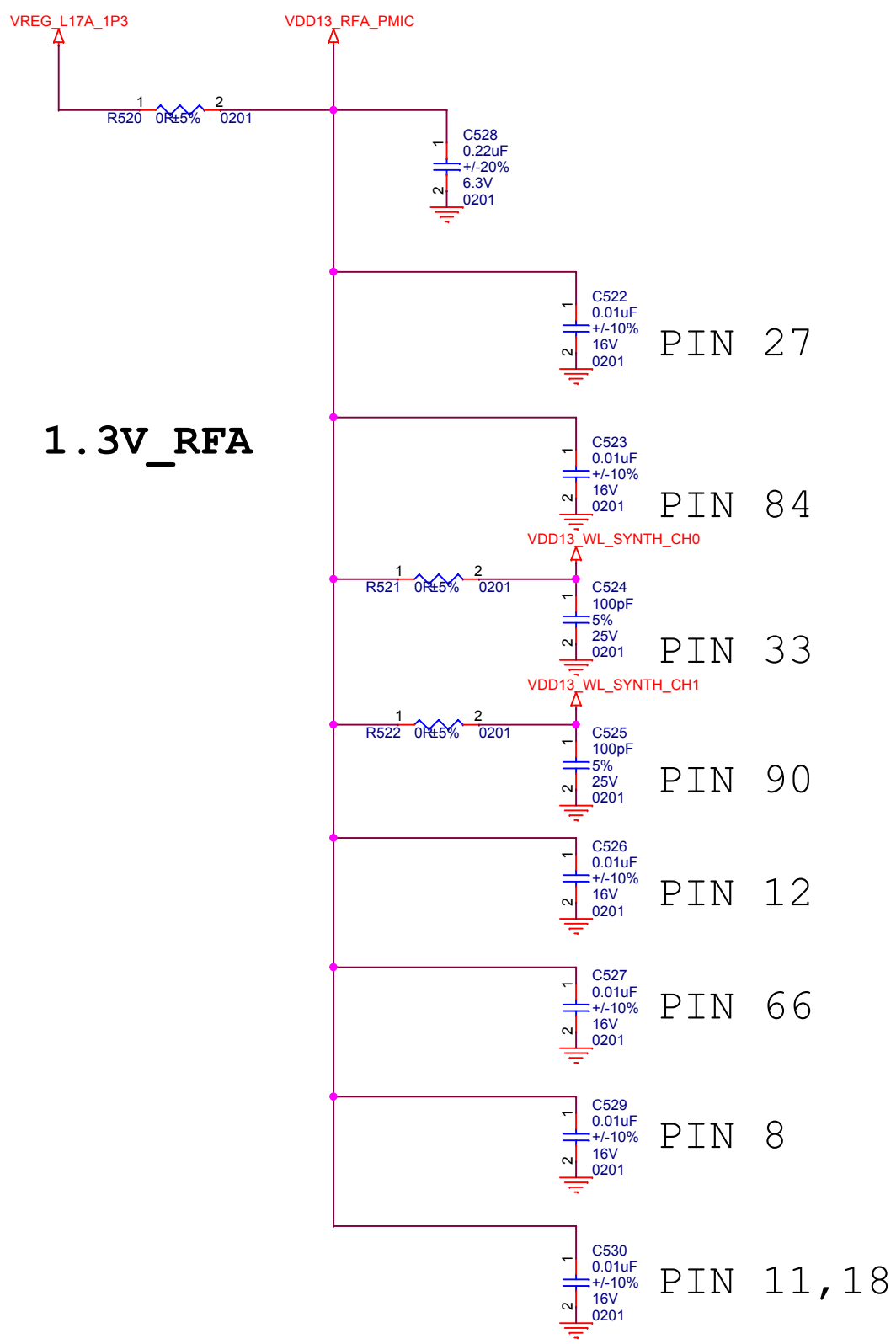


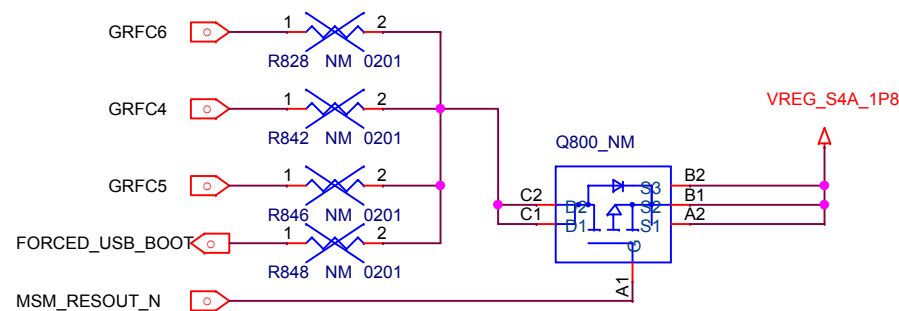
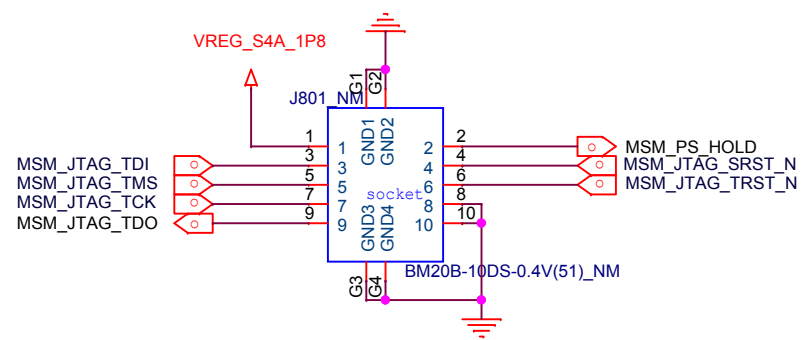
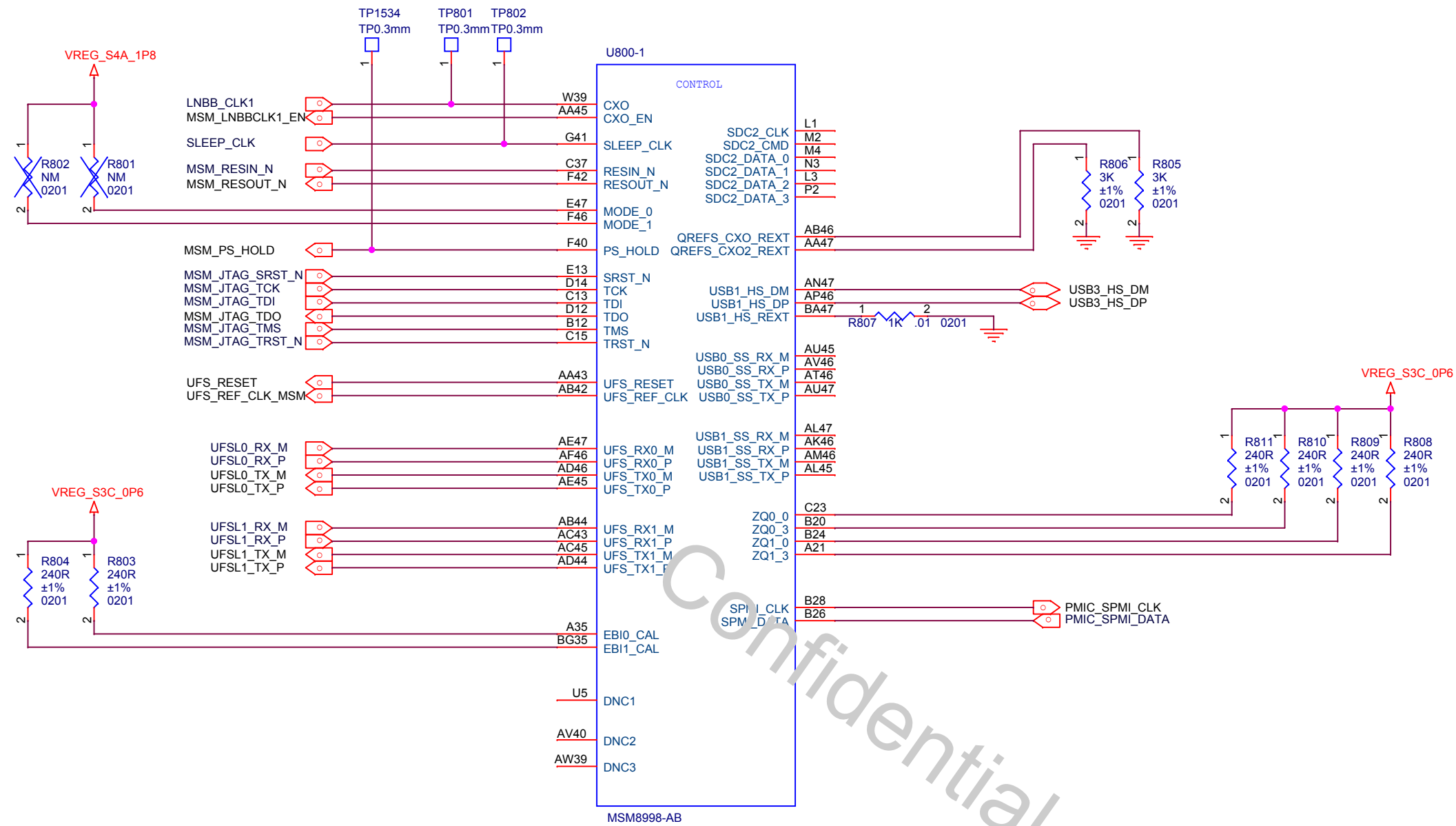


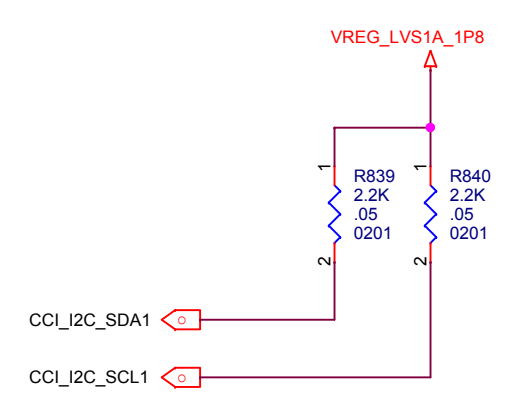
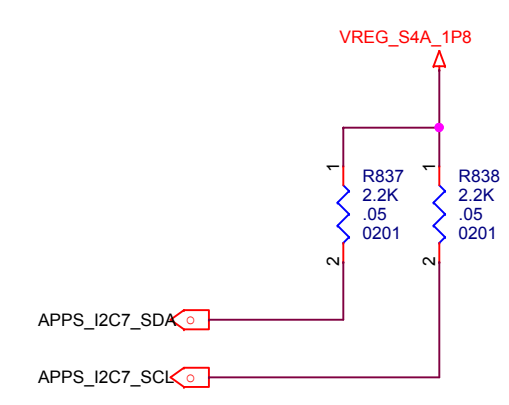
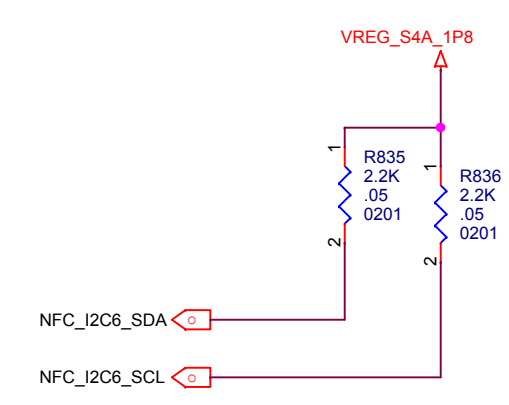
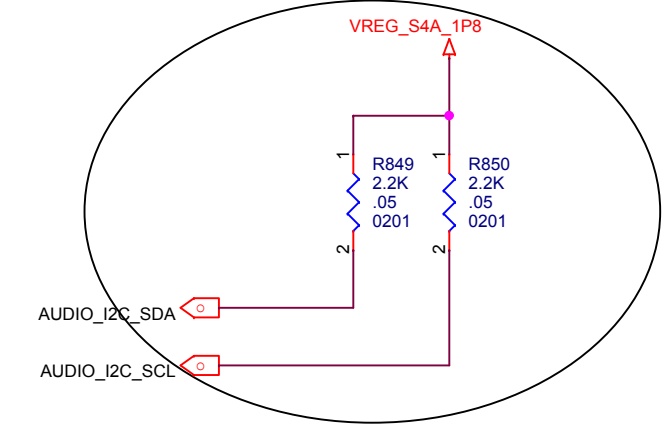
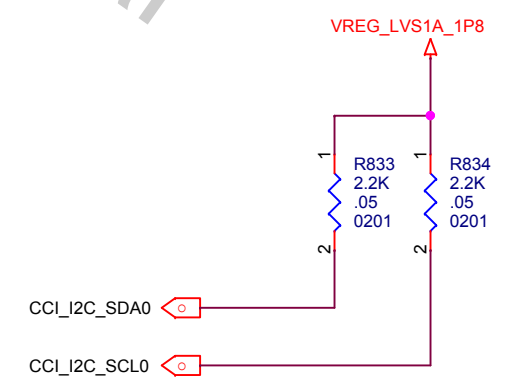
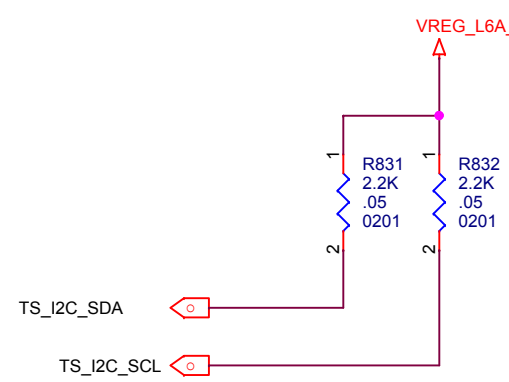
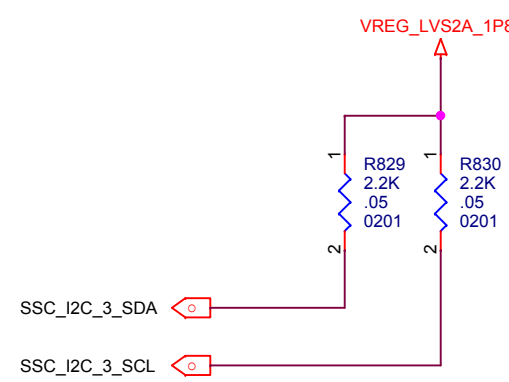
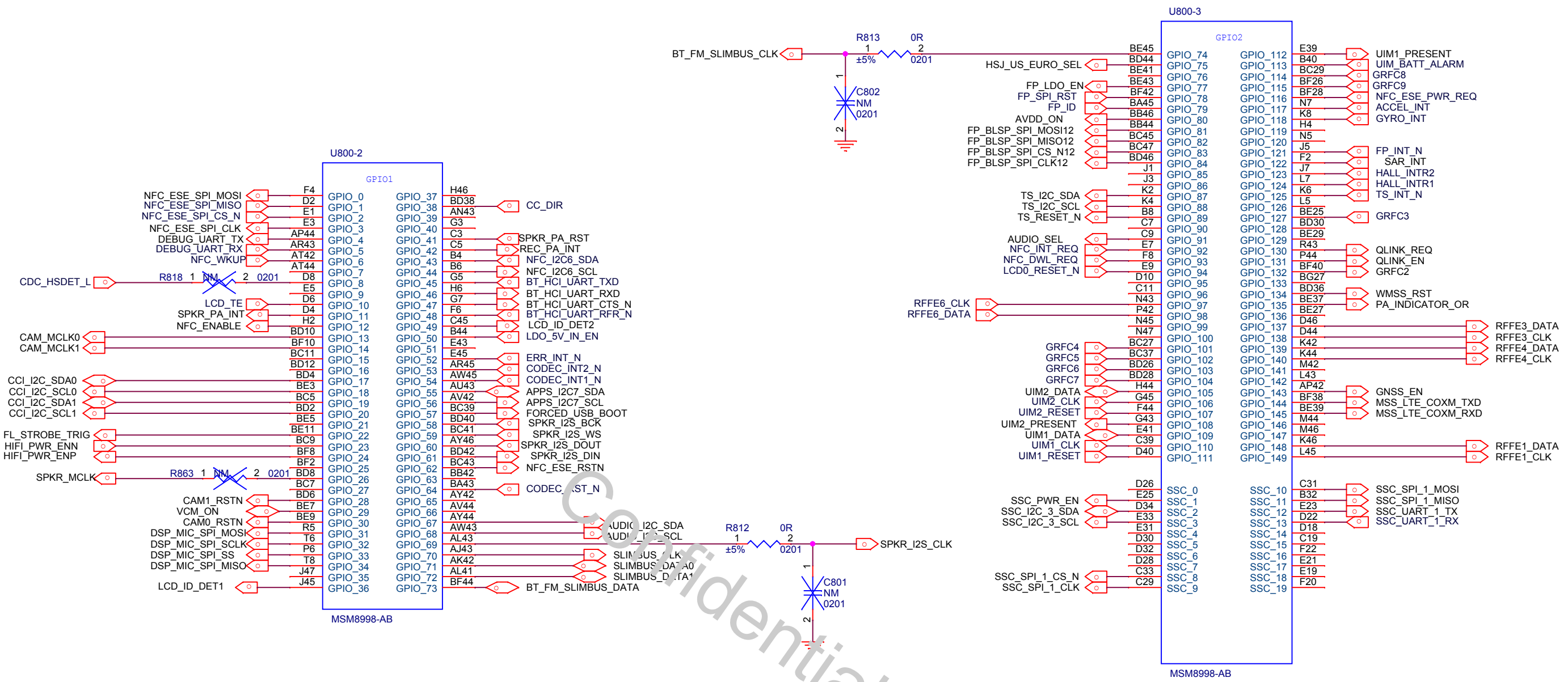


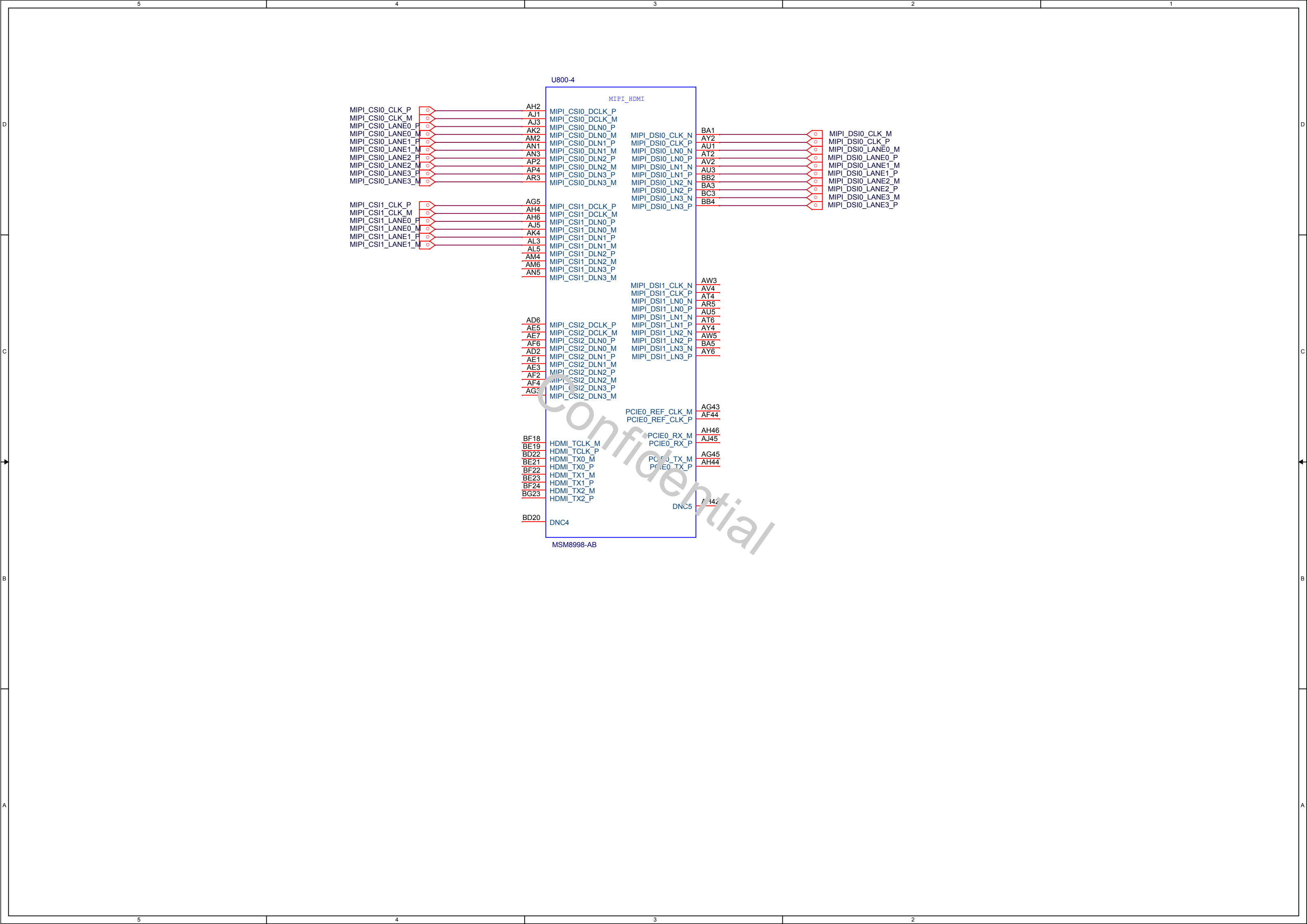


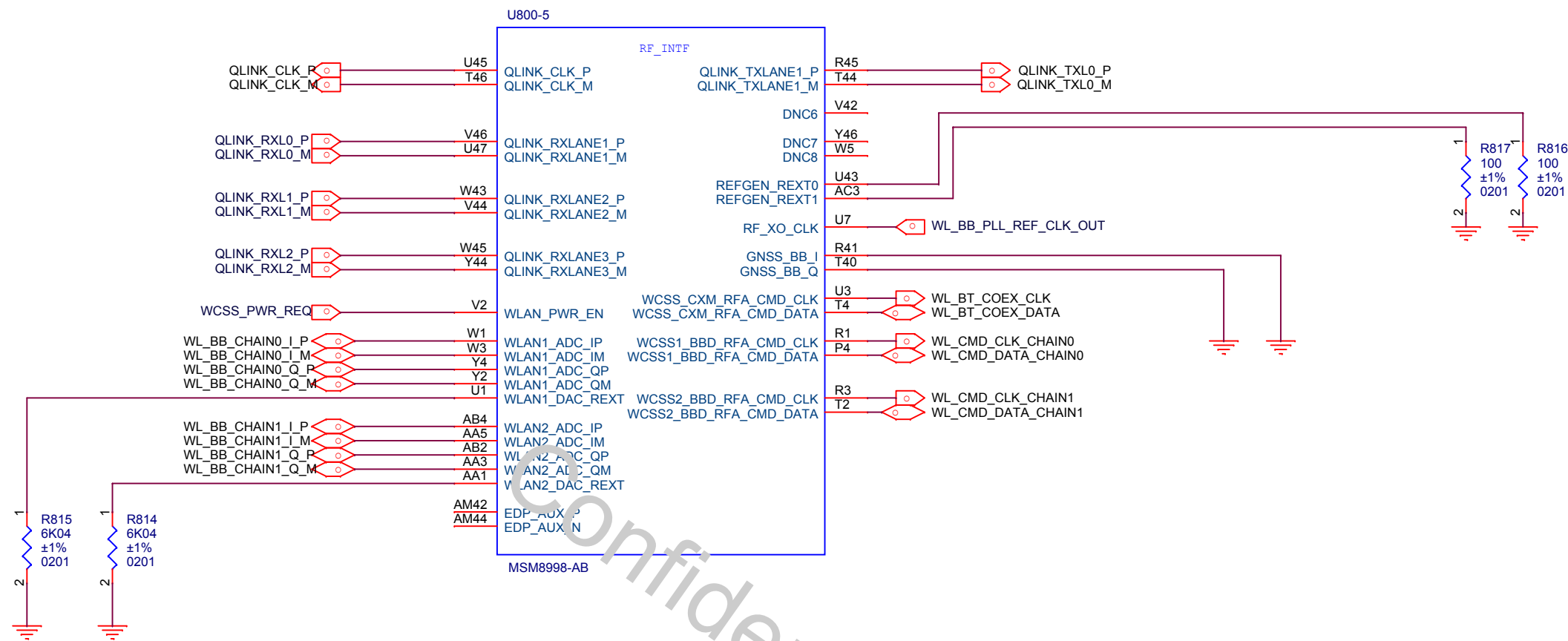


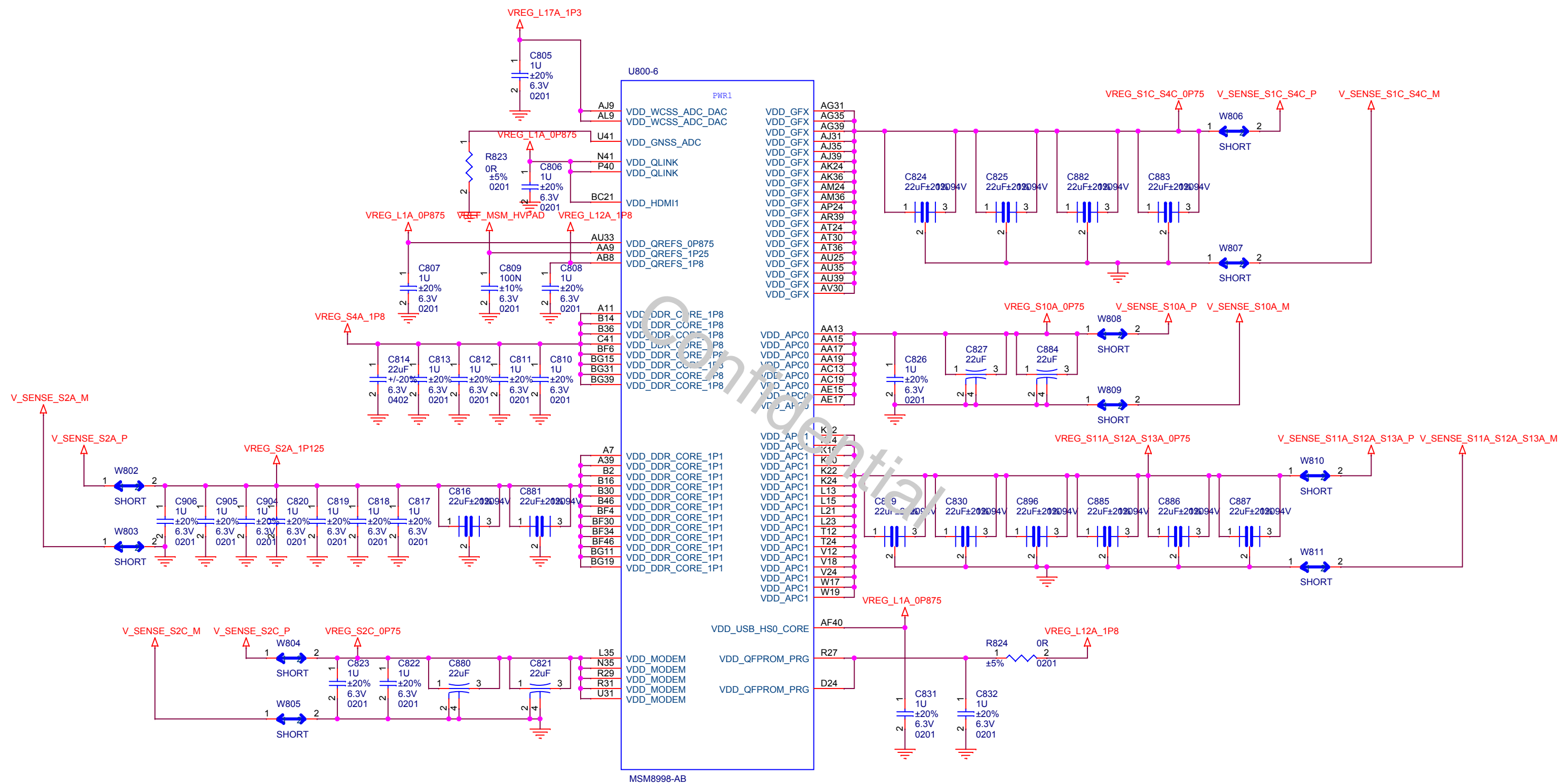


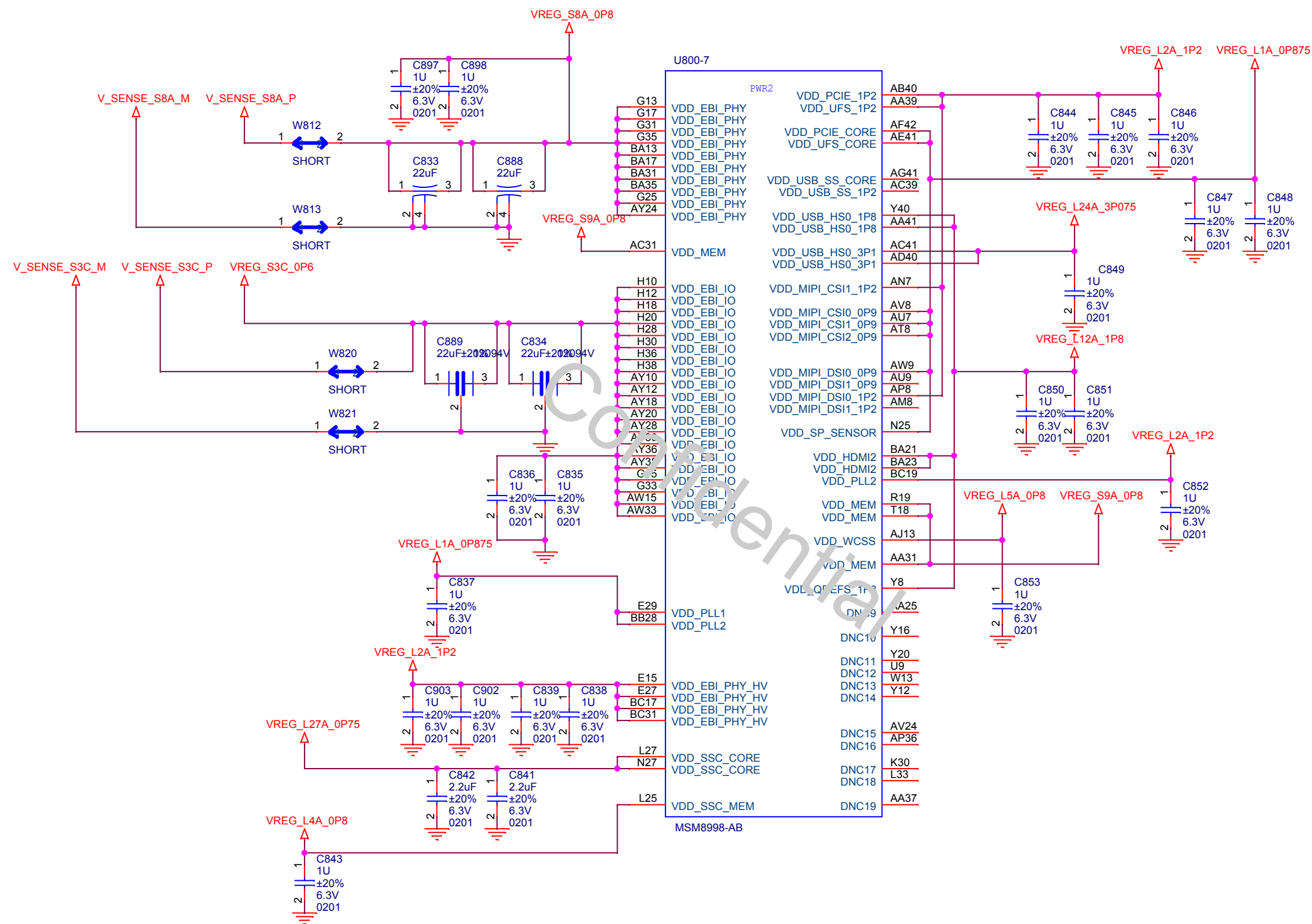


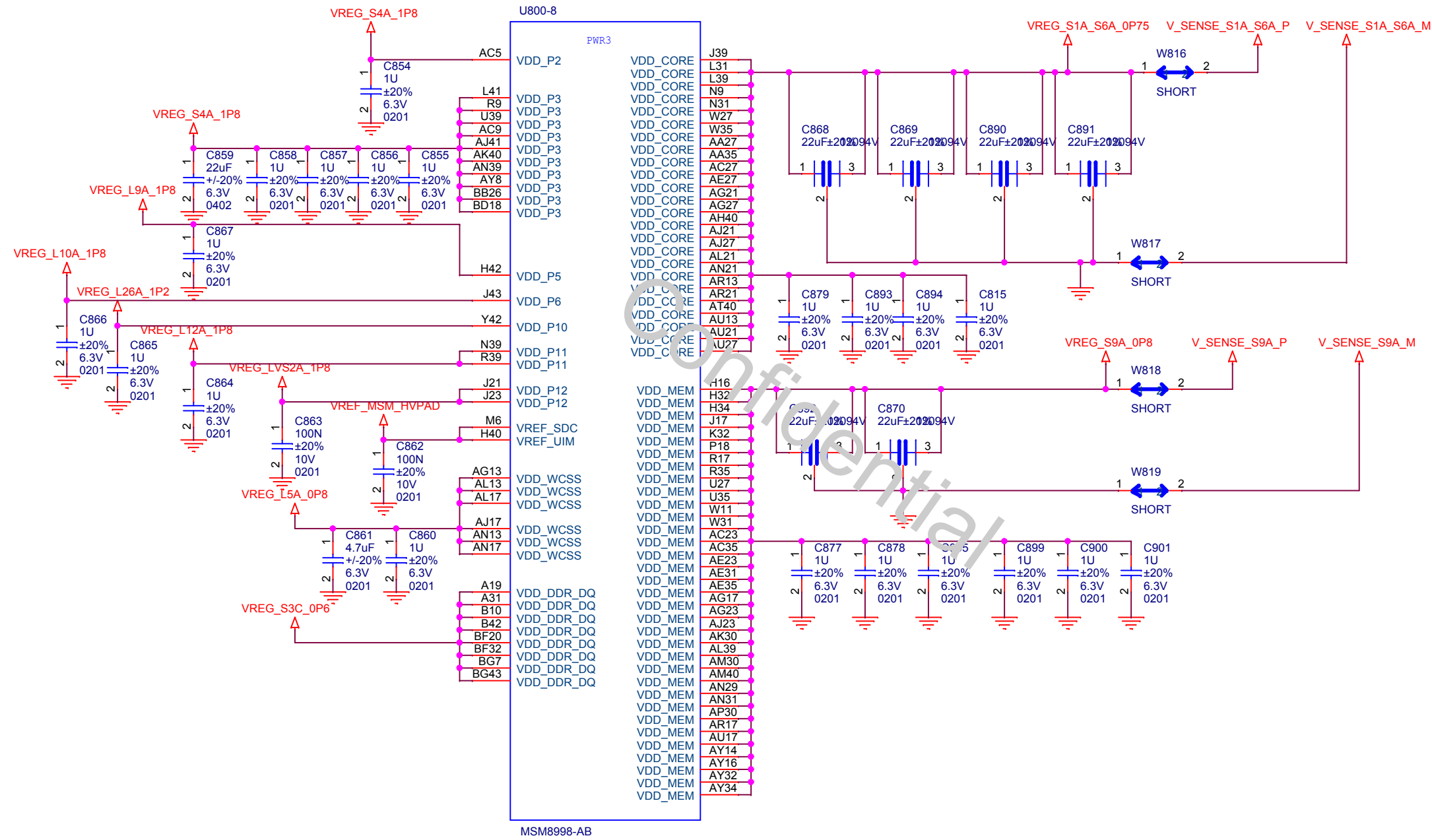


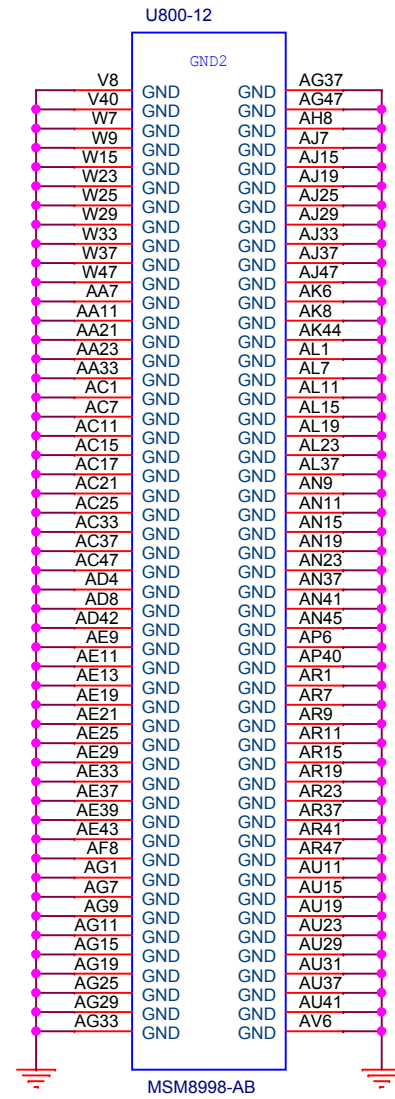
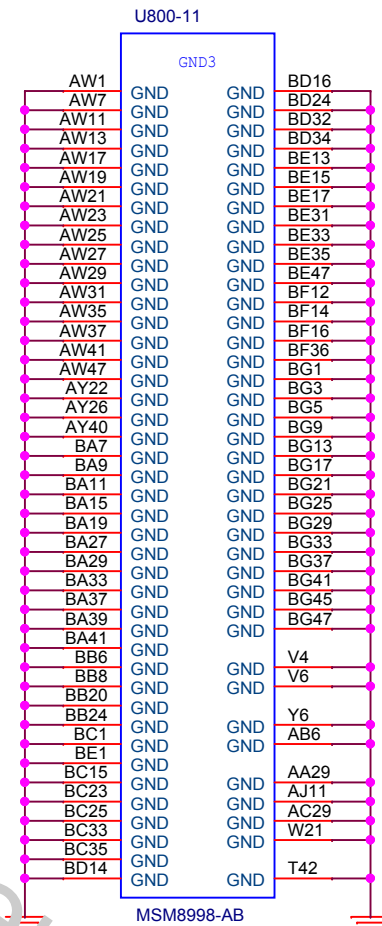
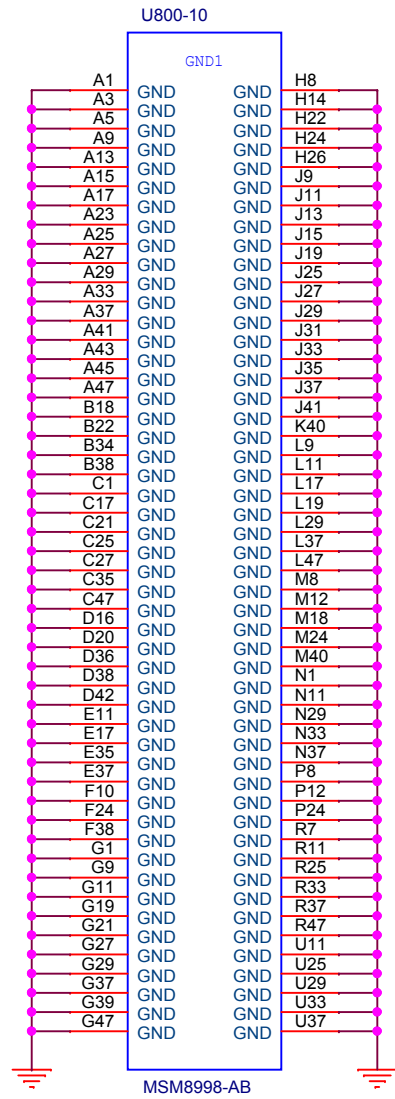
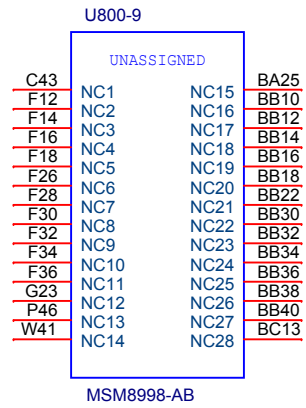




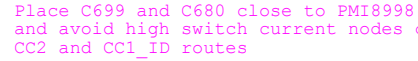




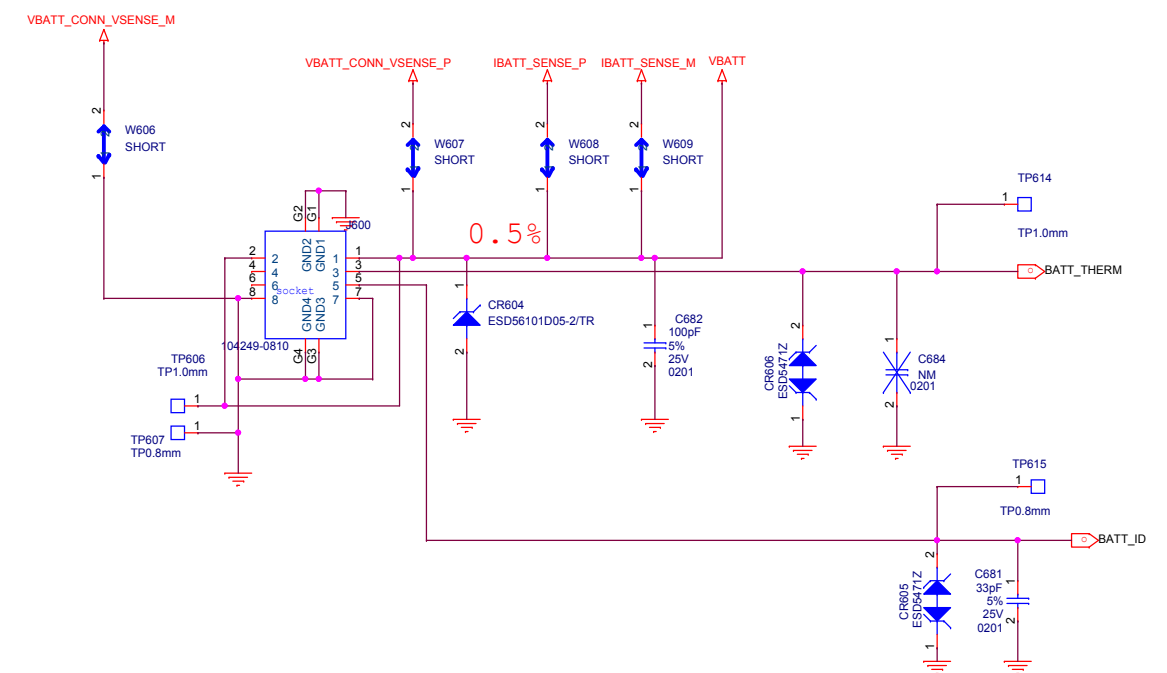


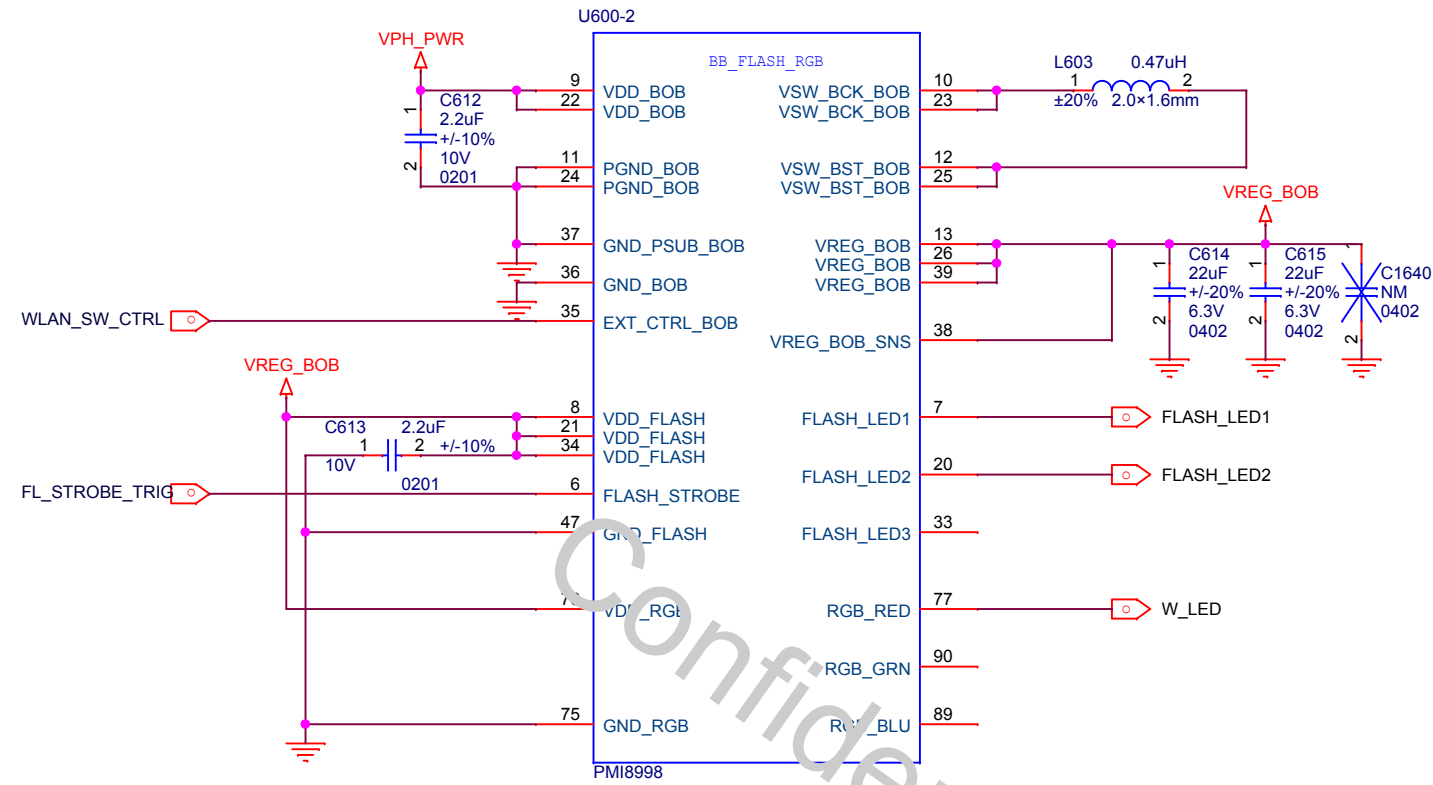


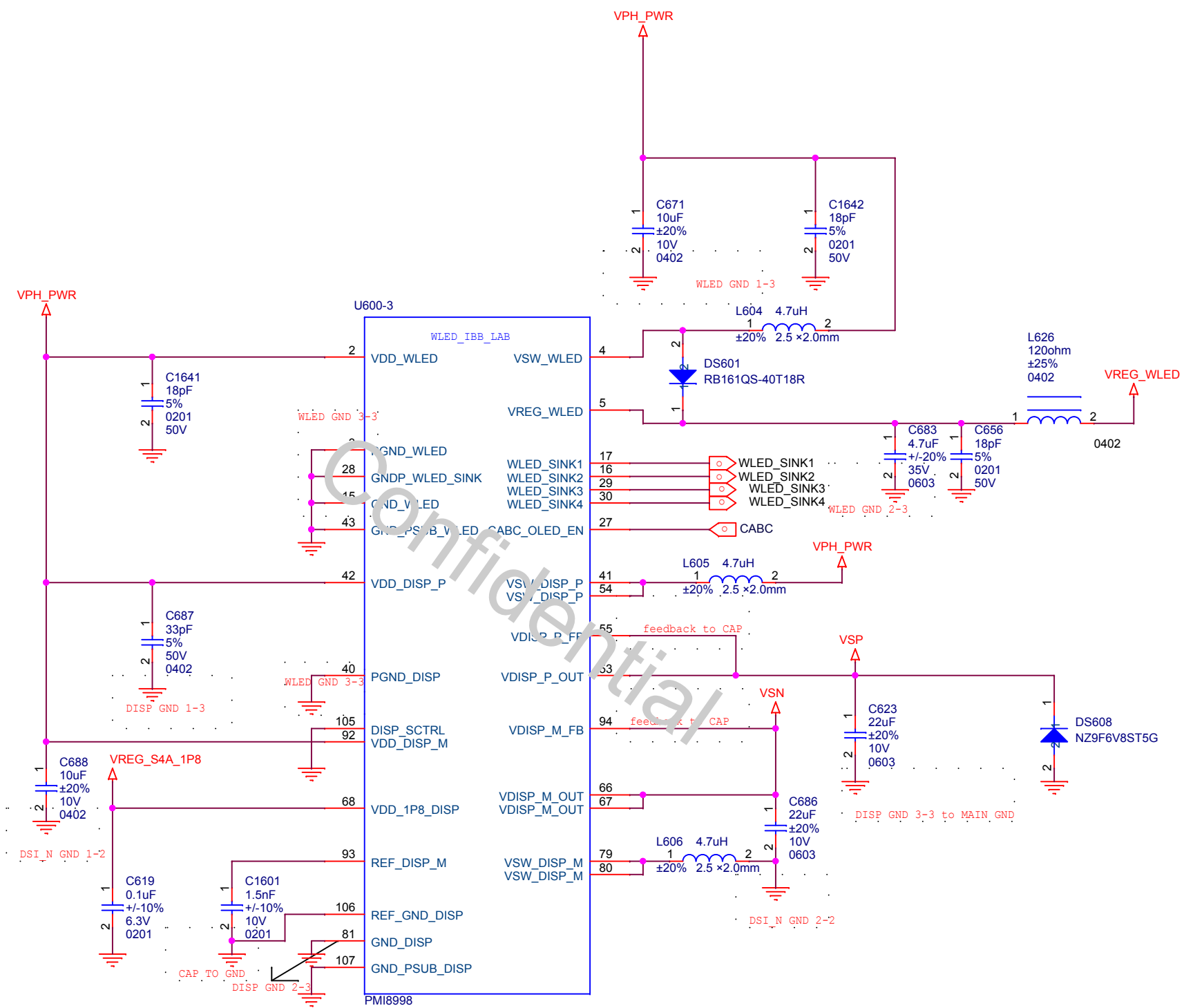
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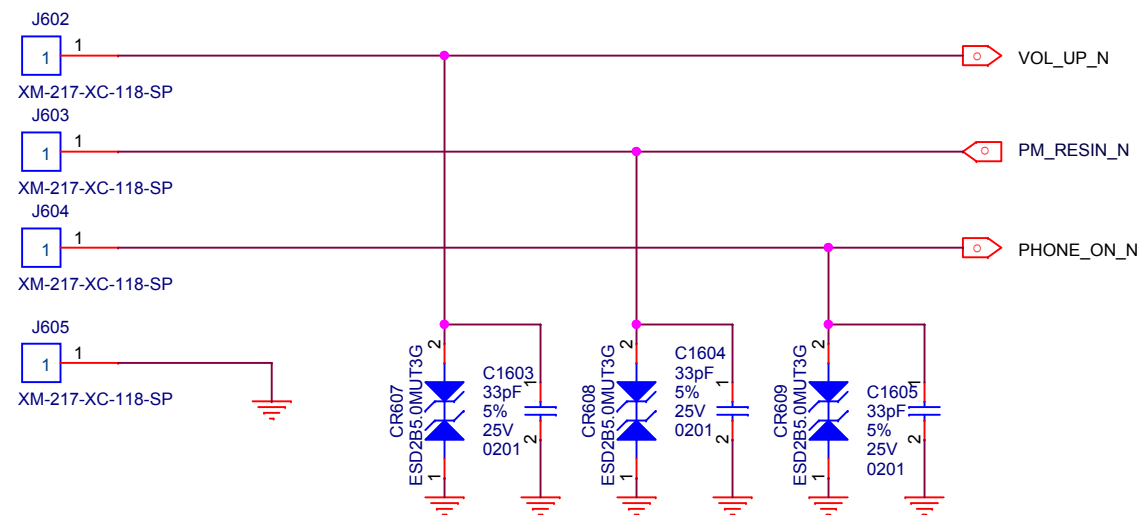
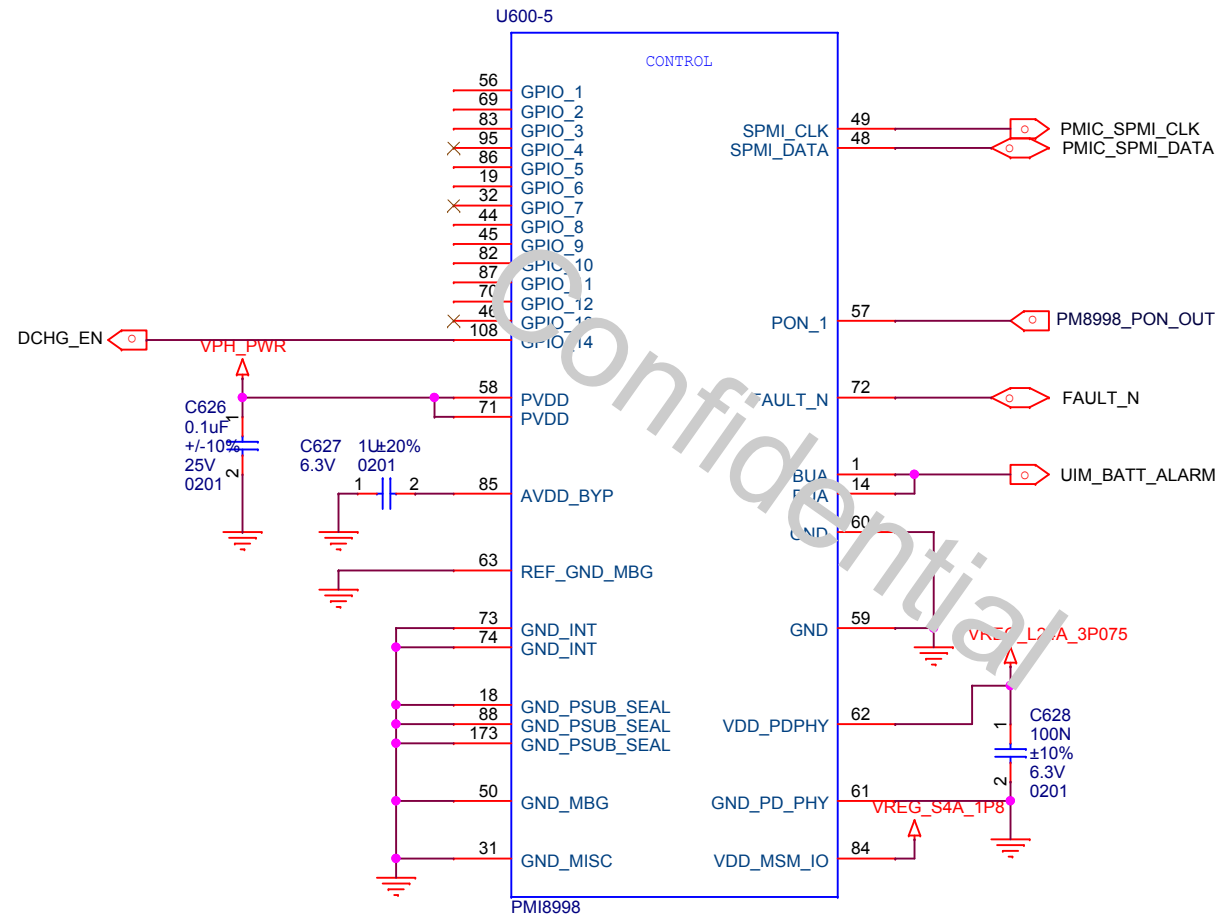
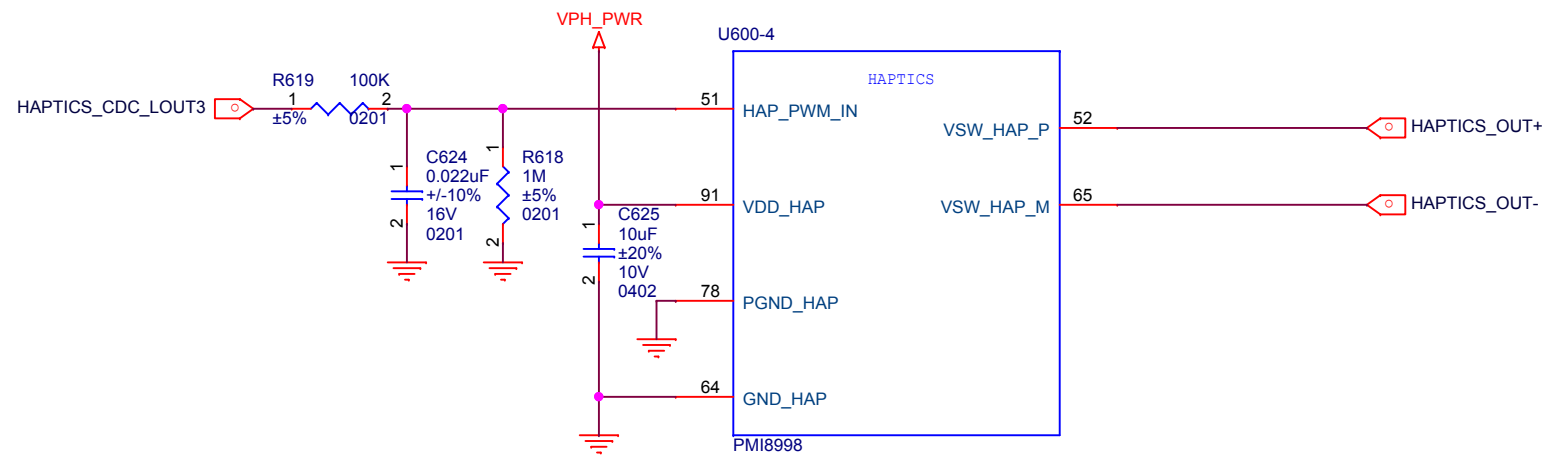


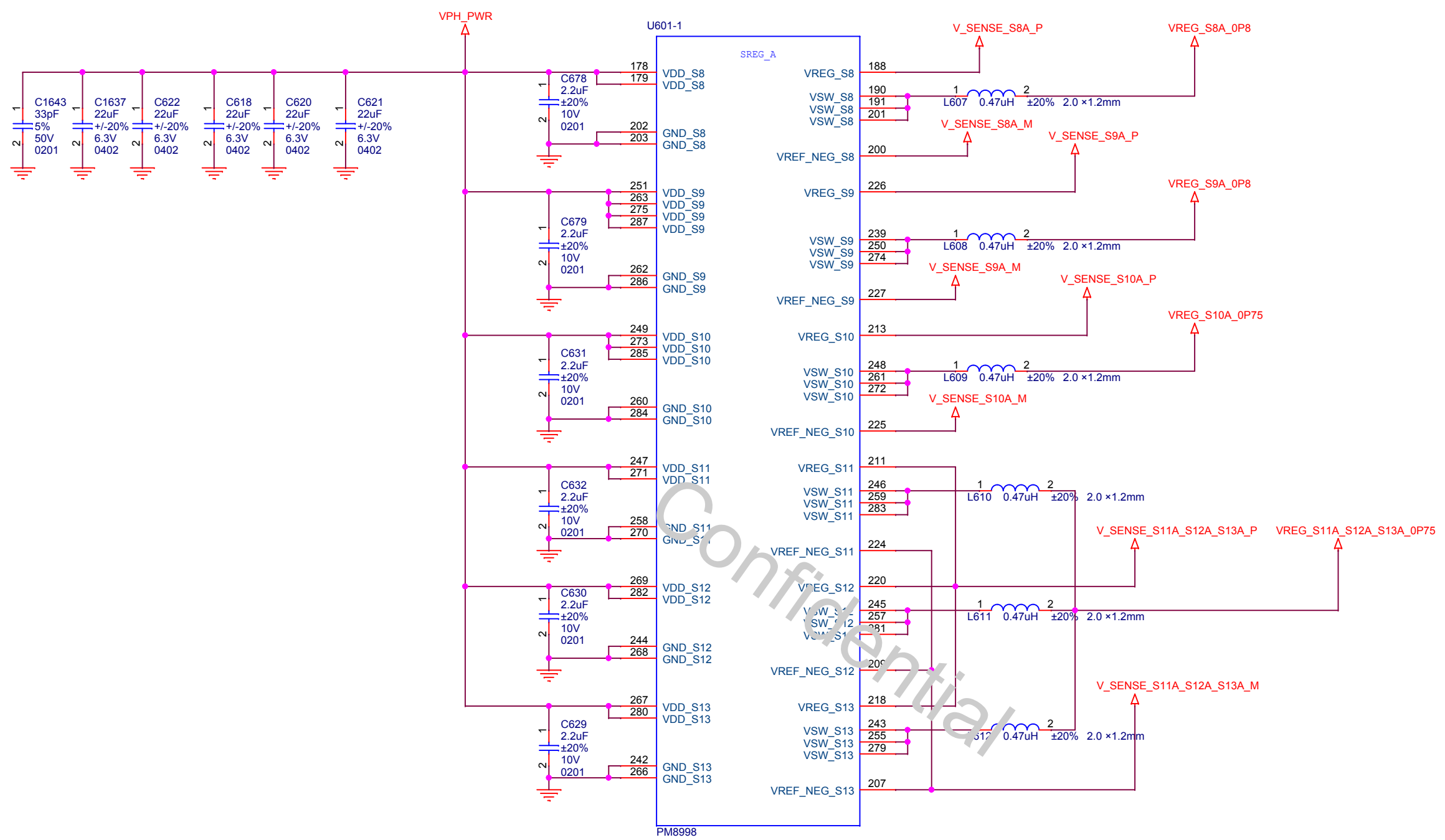
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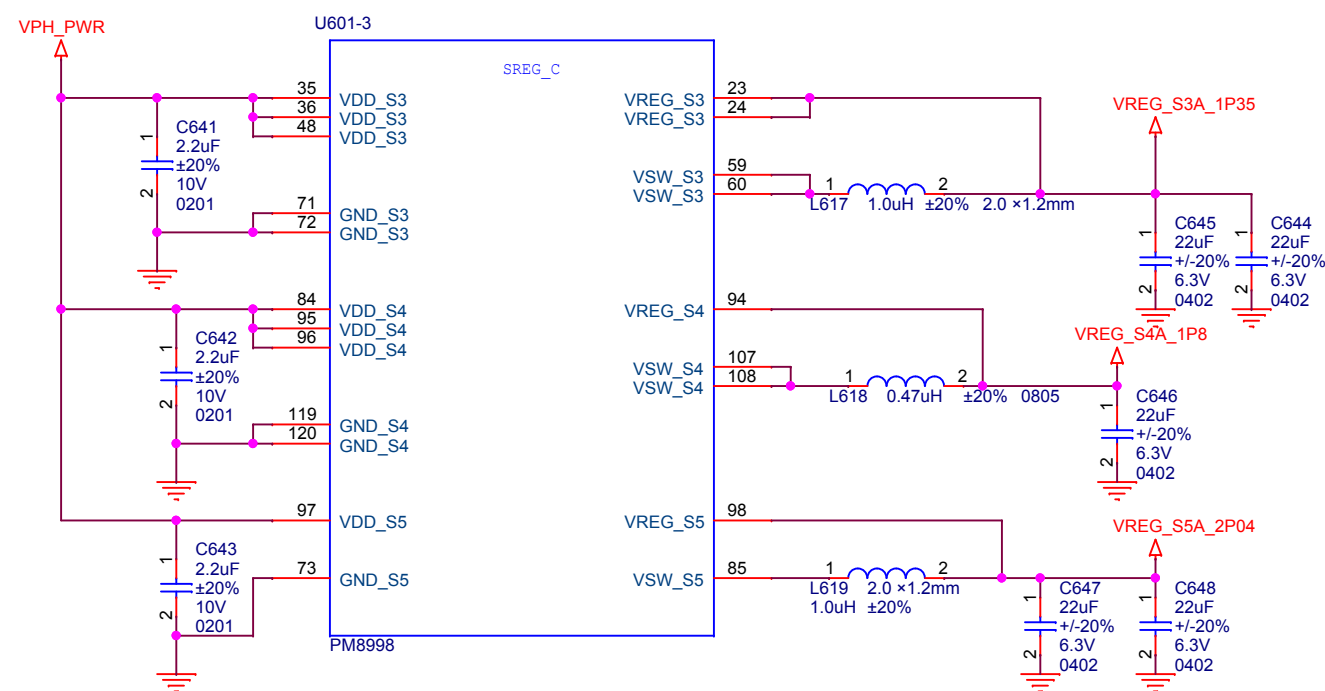
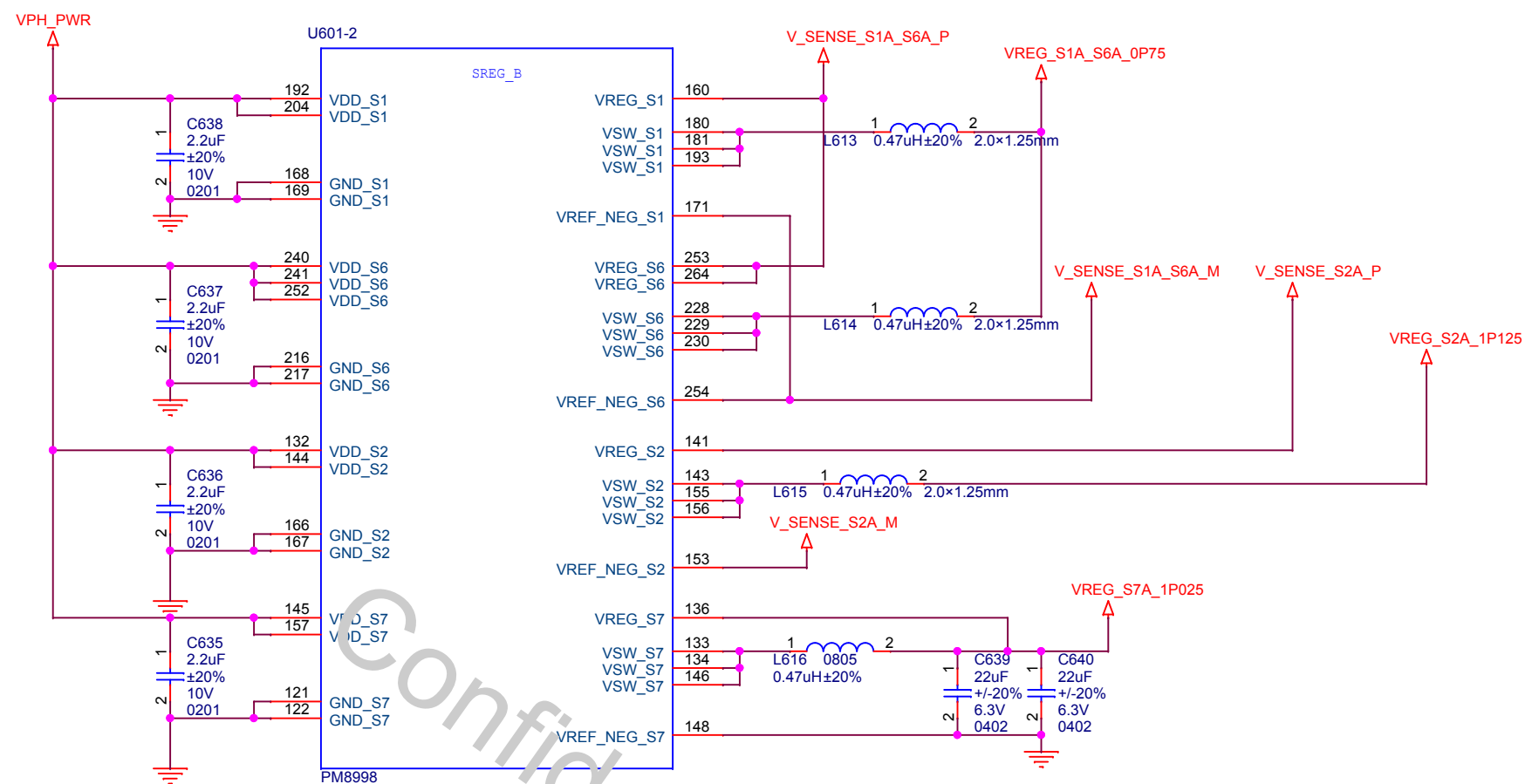


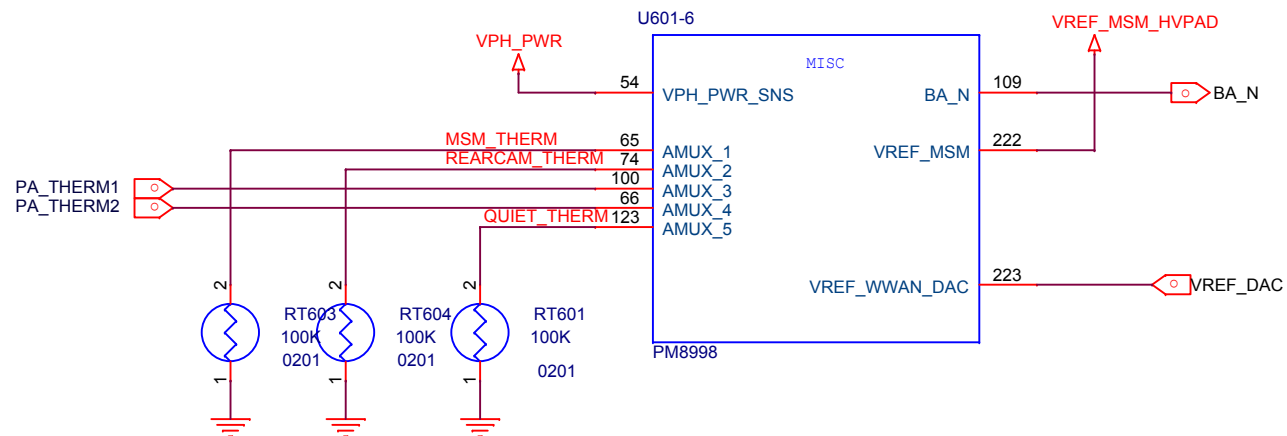
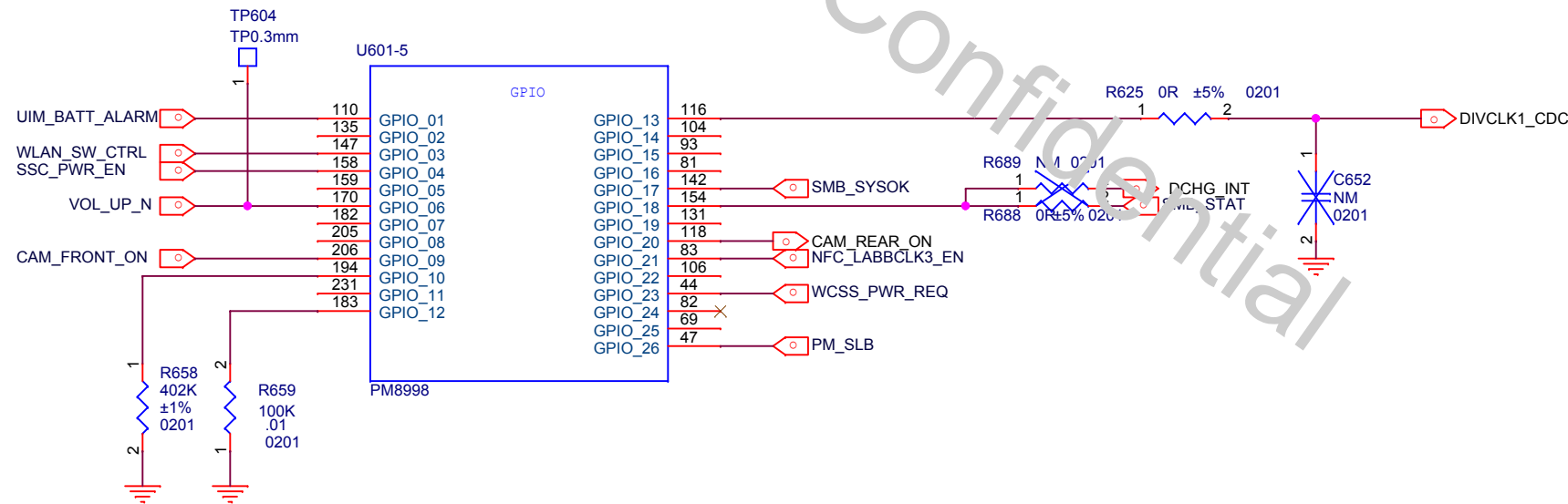
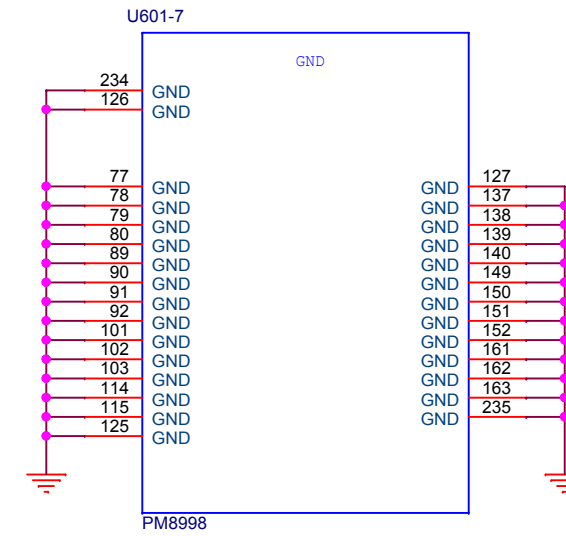
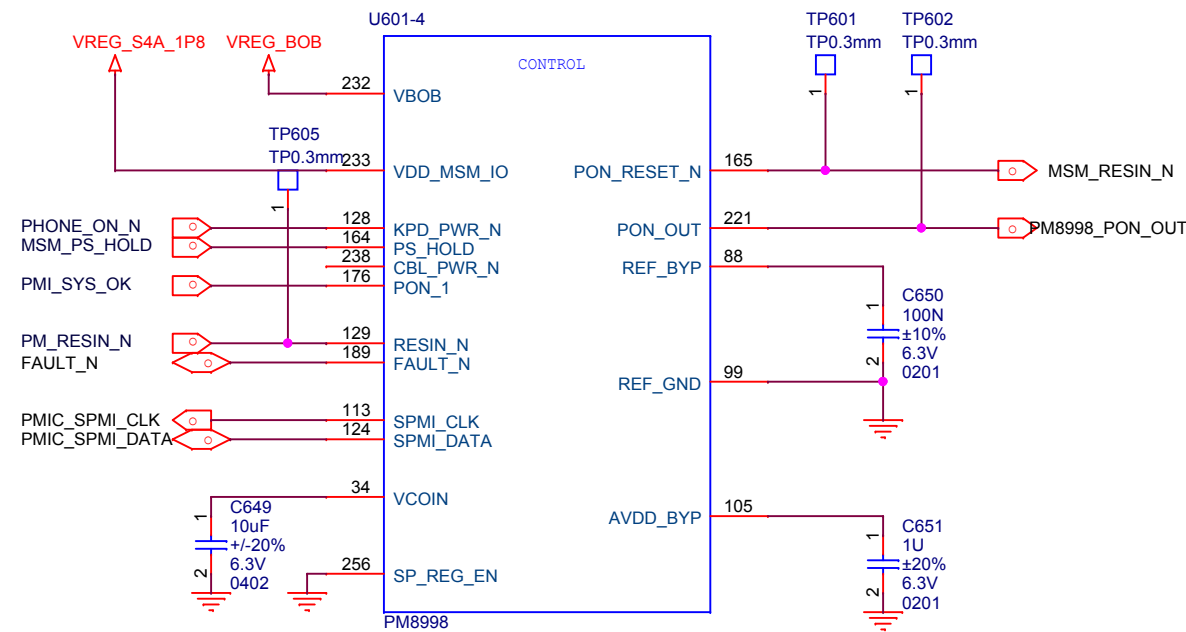


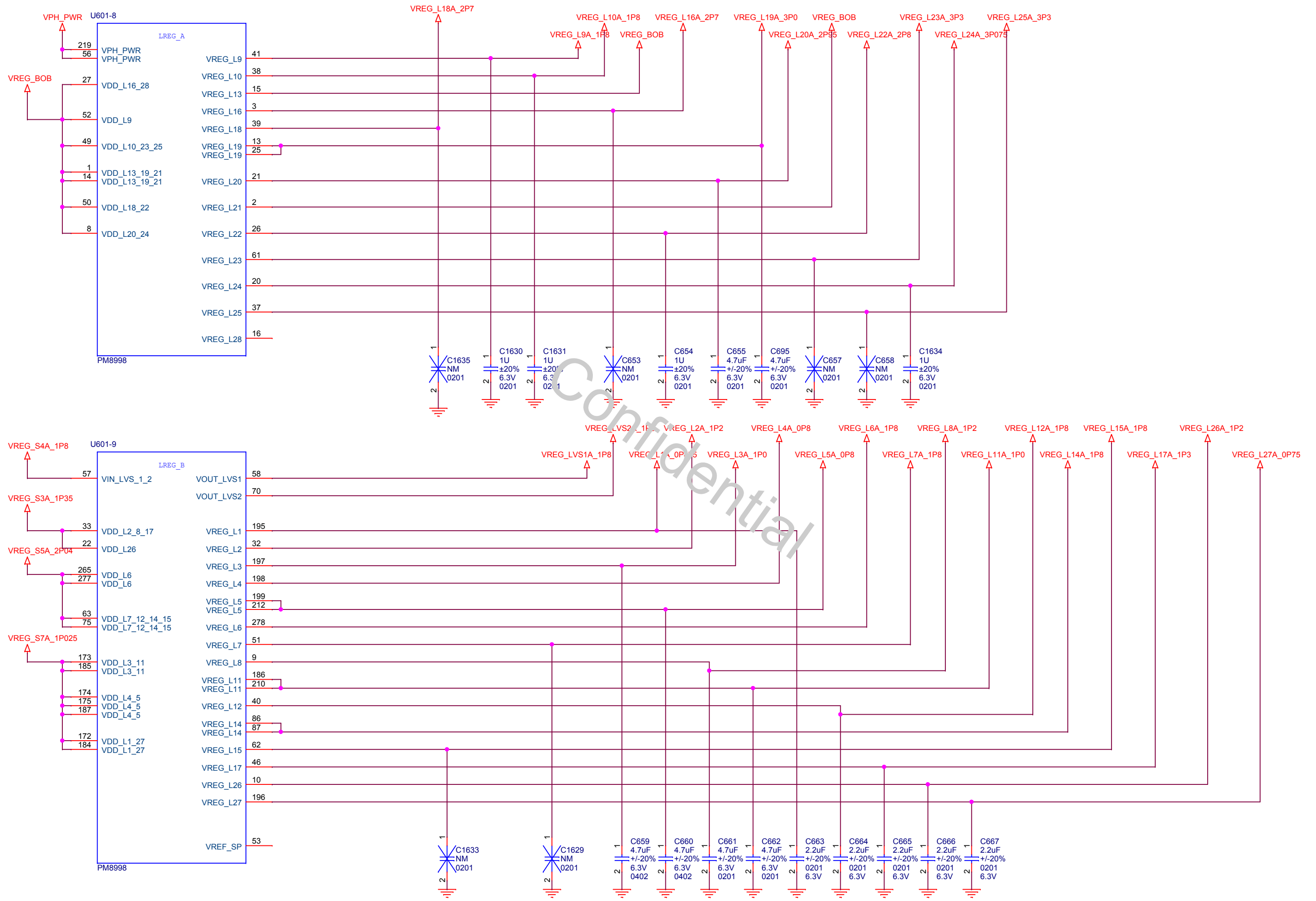


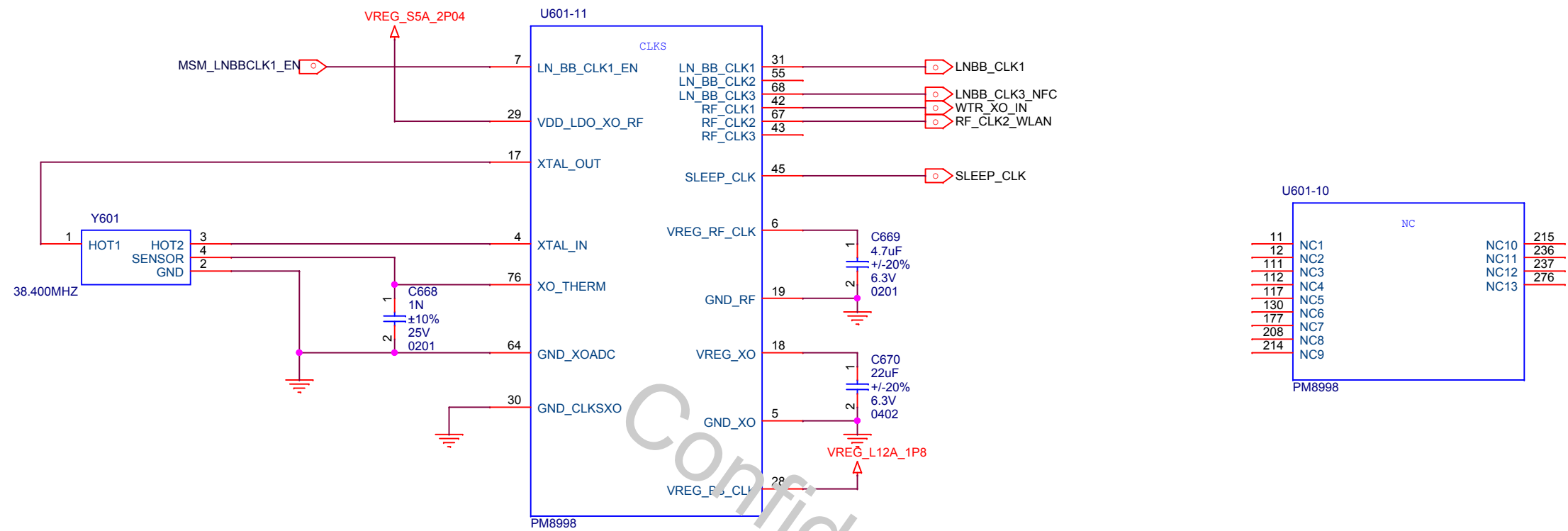


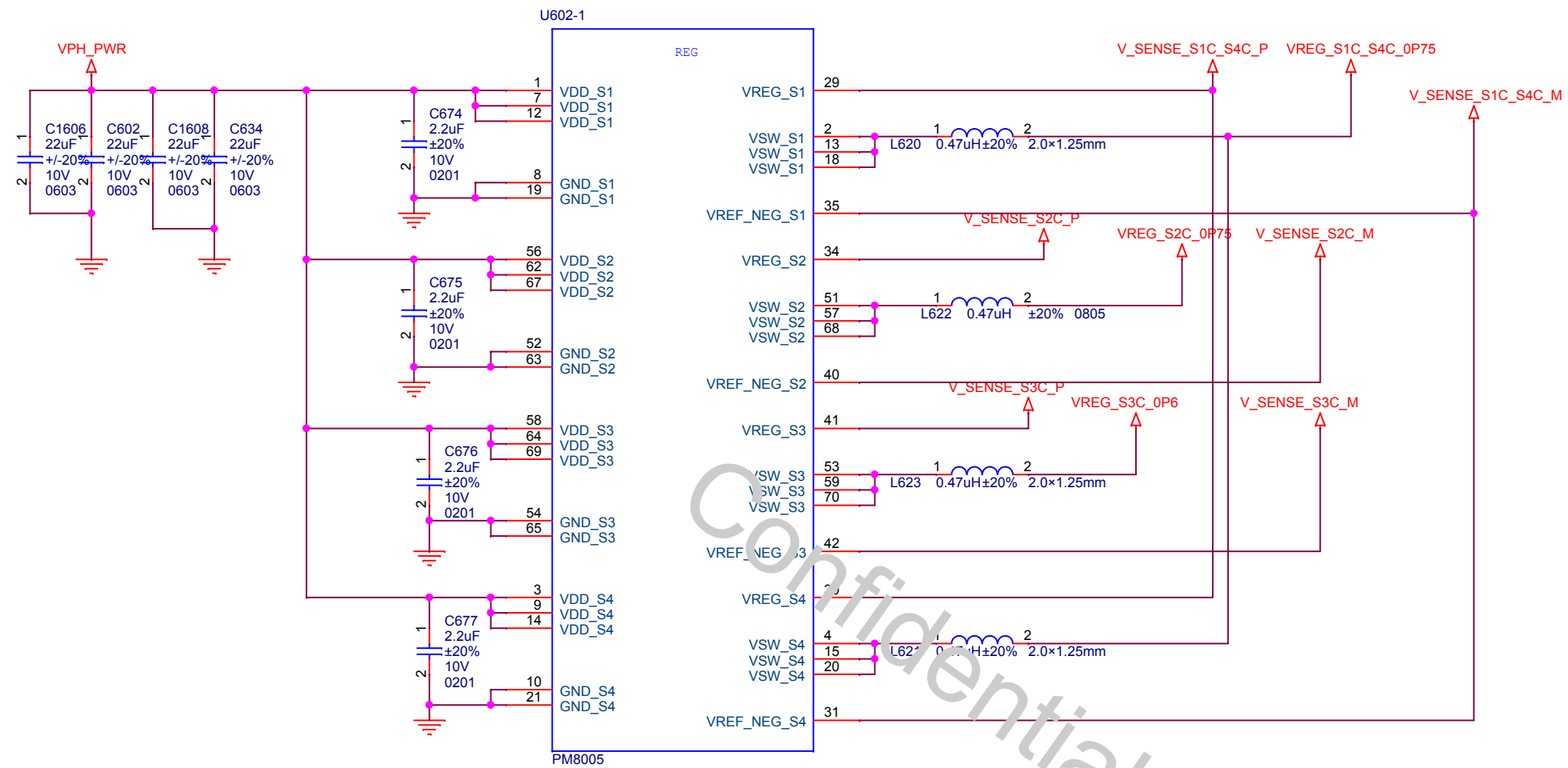


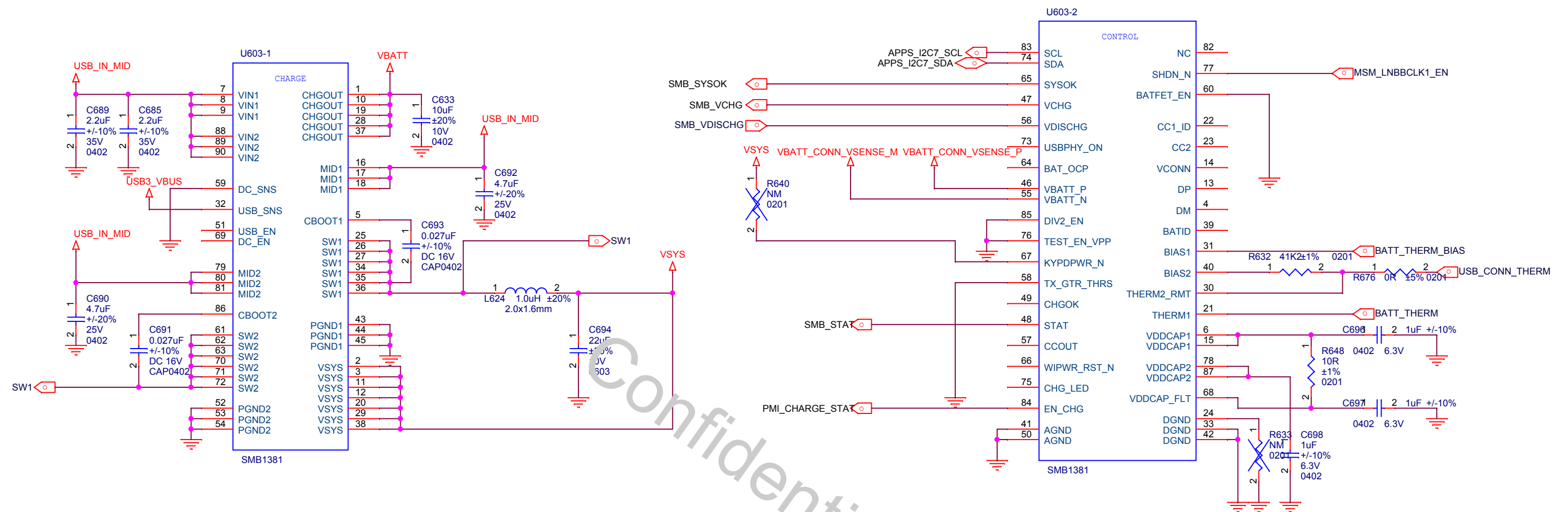




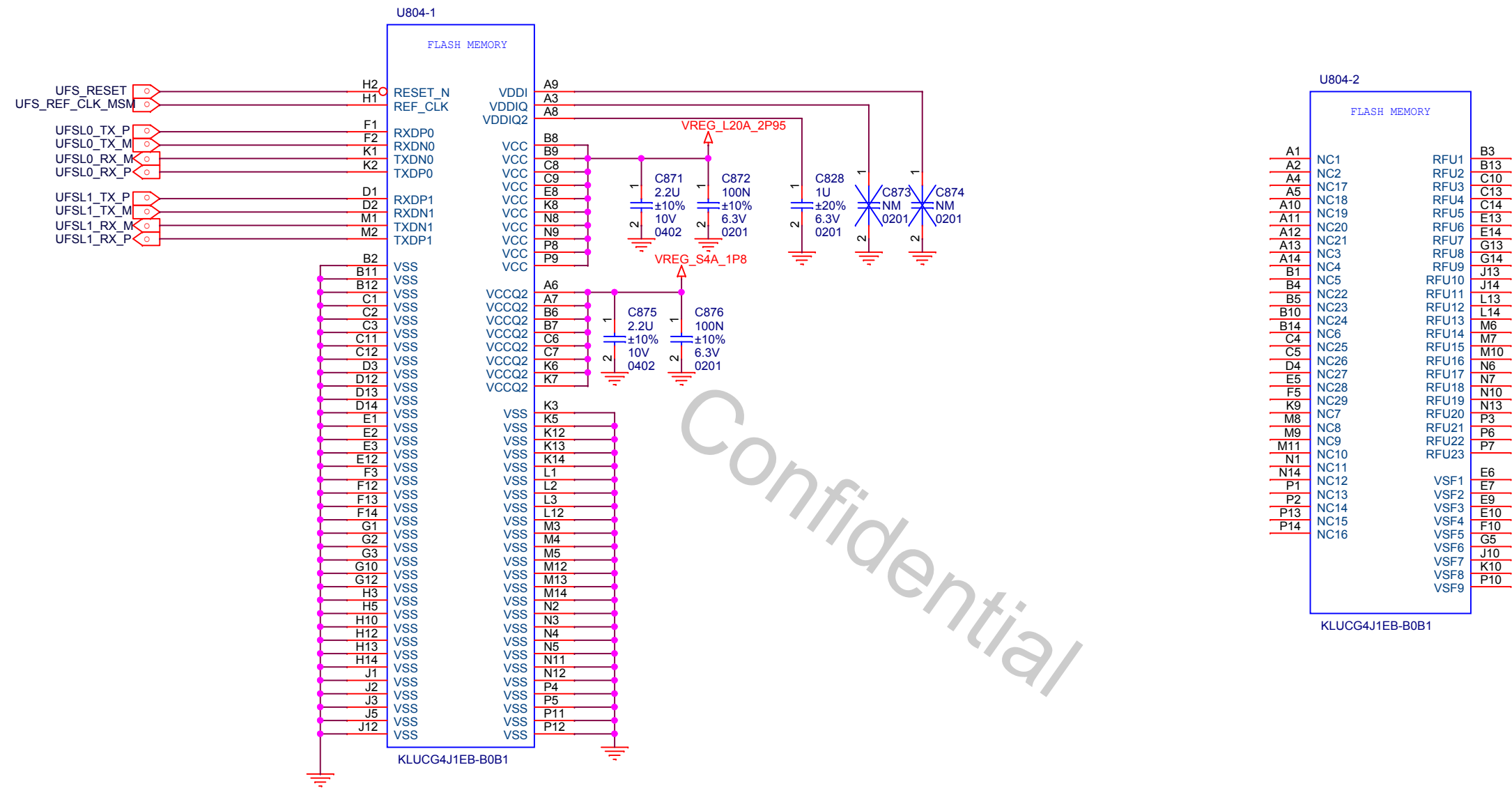


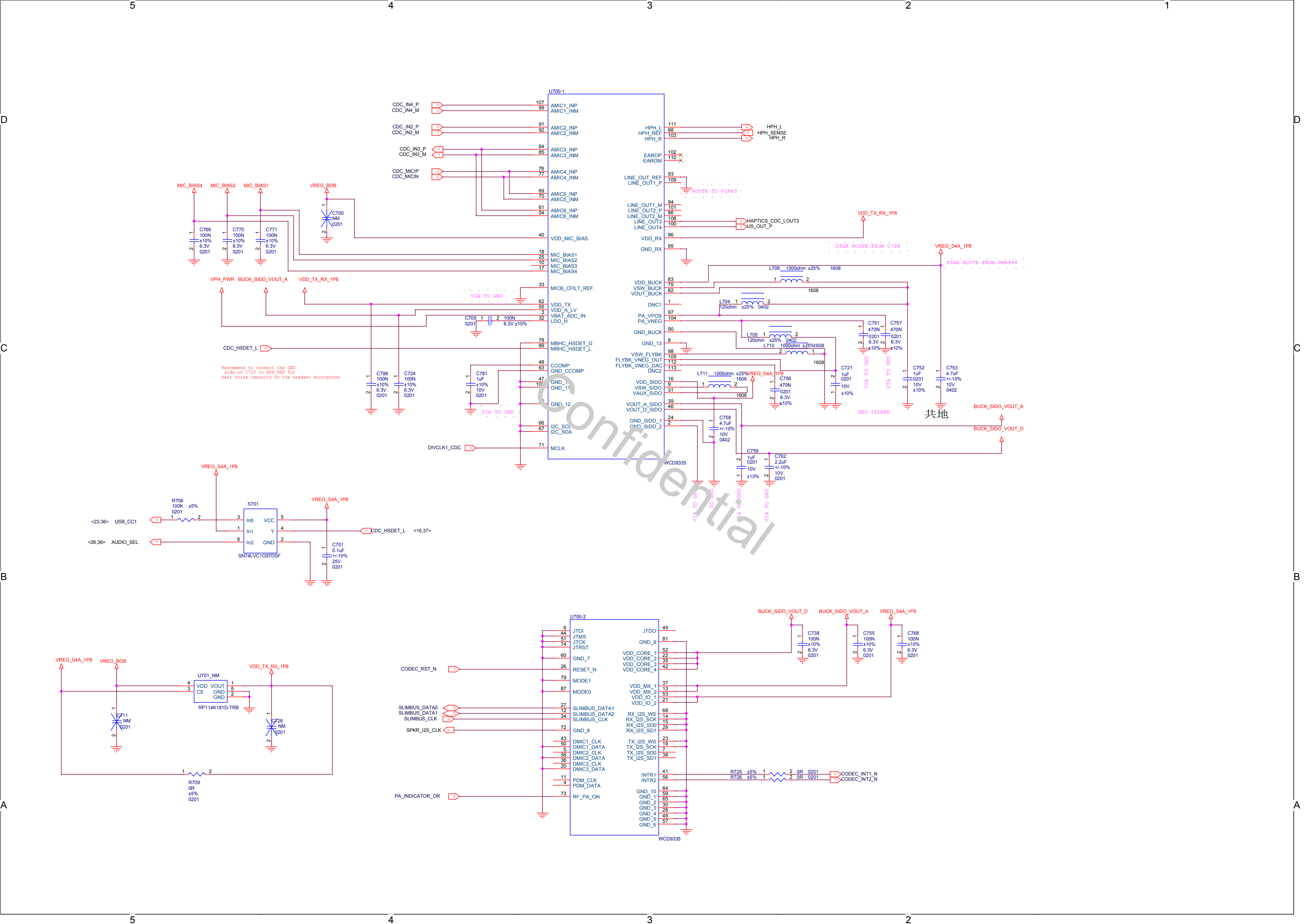




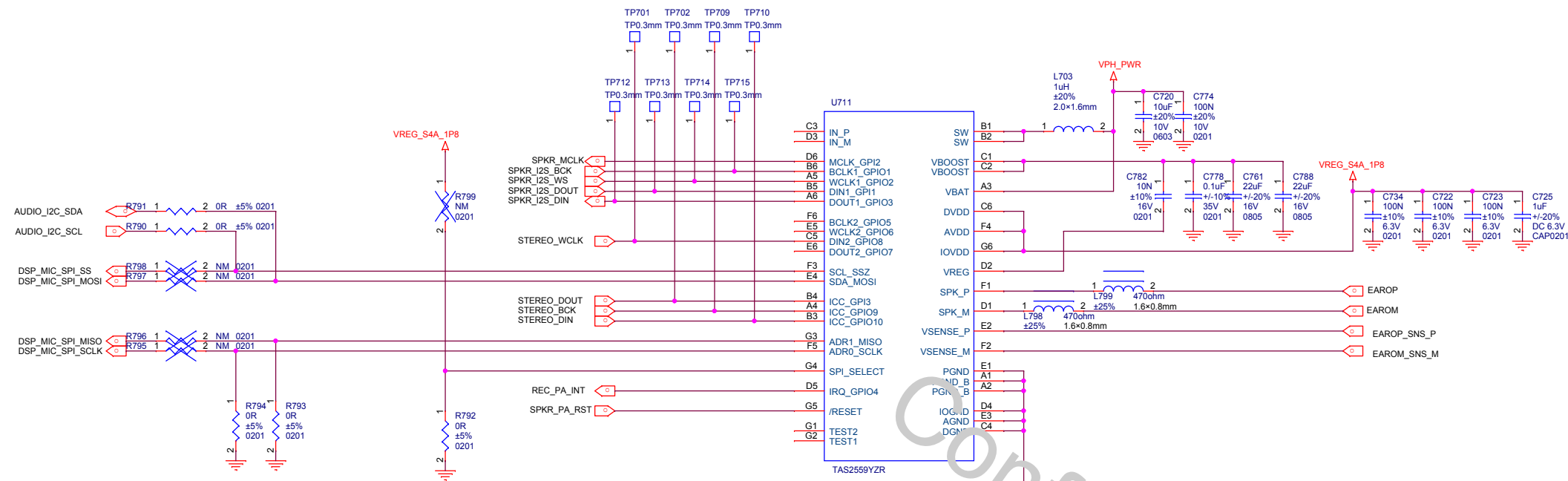


Note: DNI R640 and R633 for SMB1381 CS parts
Install R640 and R633 for SMB1381 ES parts

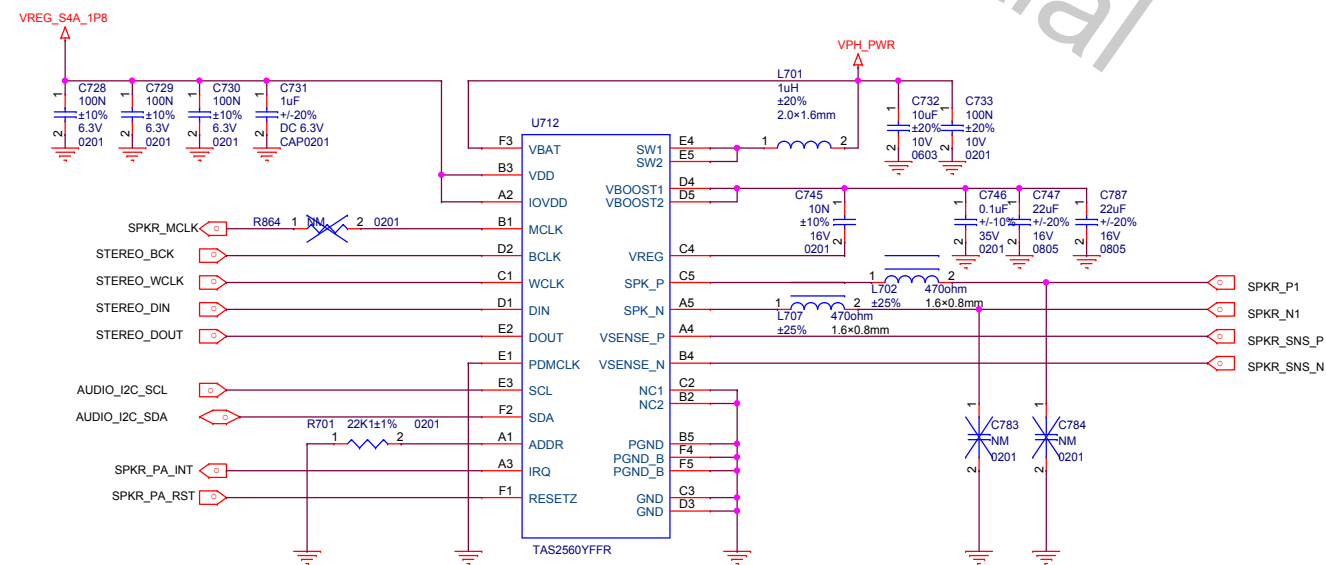




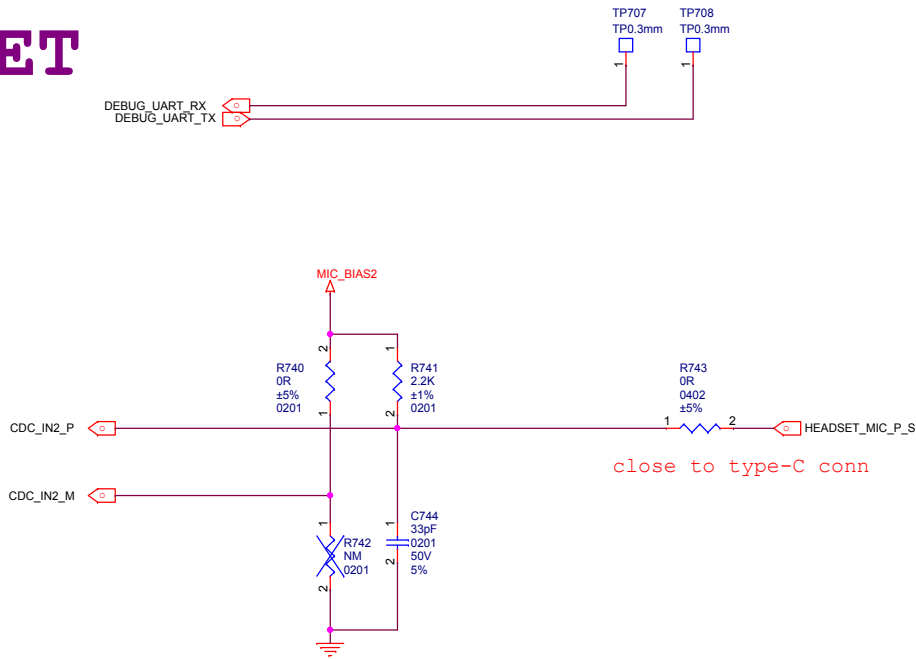
Receiver PA



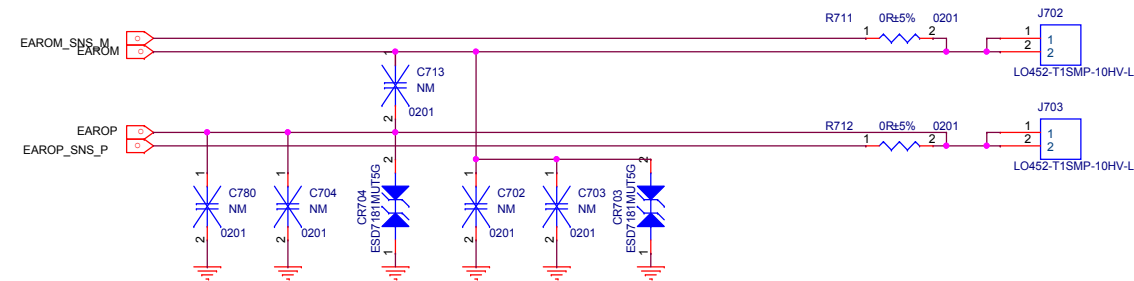
Speaker PA



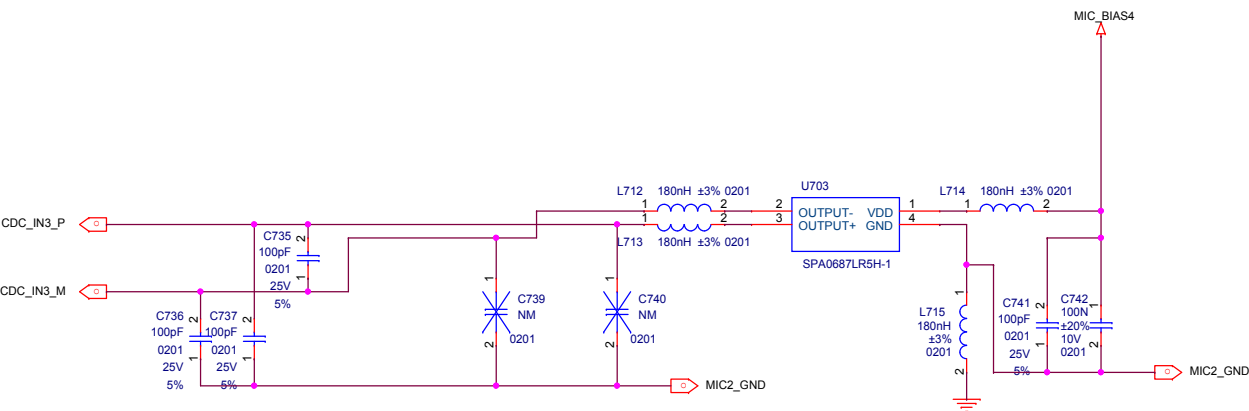
HEADSET



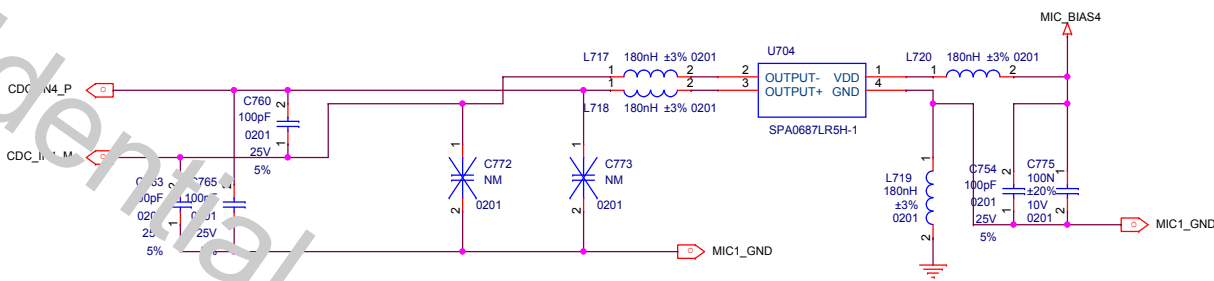
Receiver



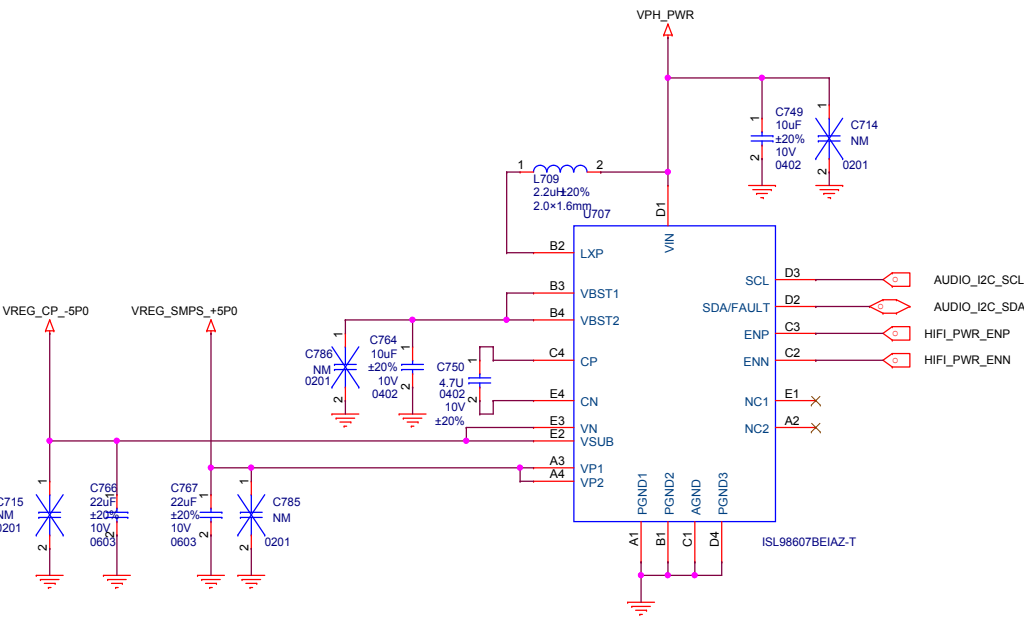
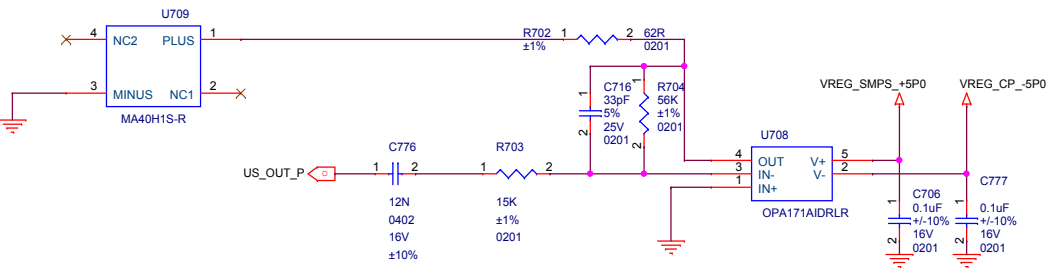
AUX Mic1



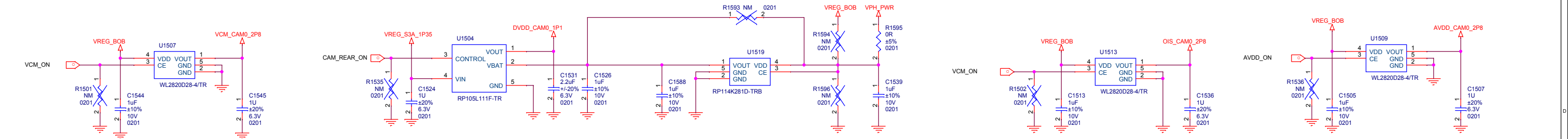
ULTRASONIC Mic1



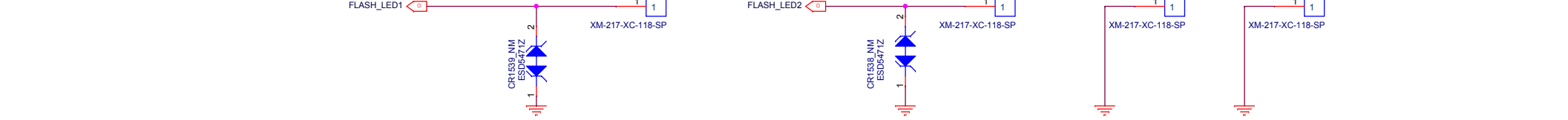
ULTRASONIC



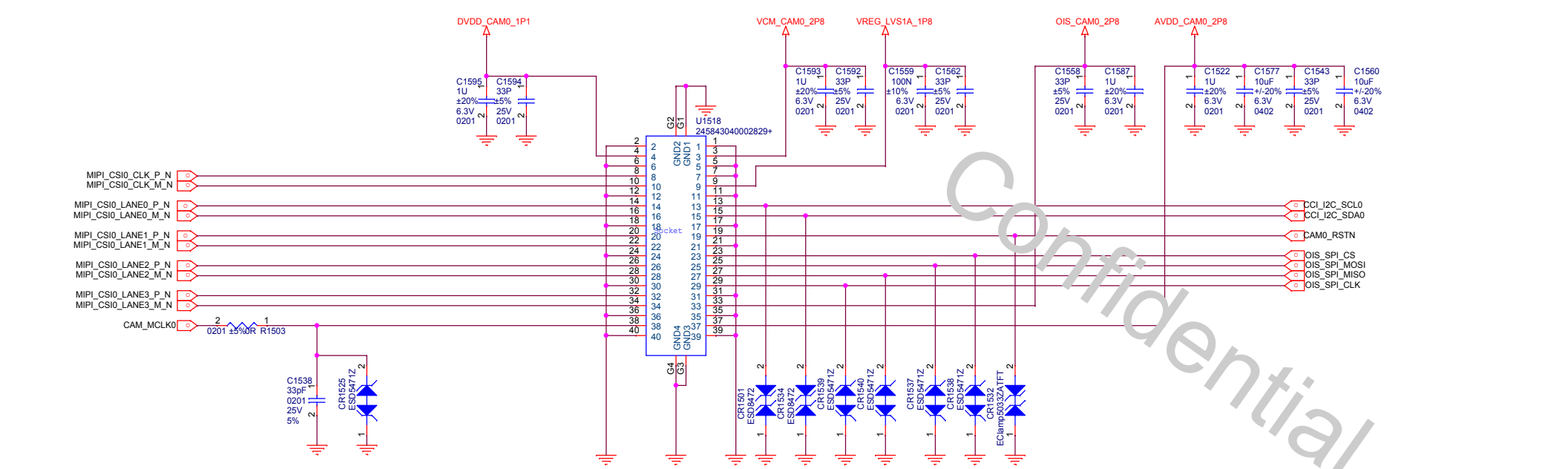
REAR CAMERA LDO



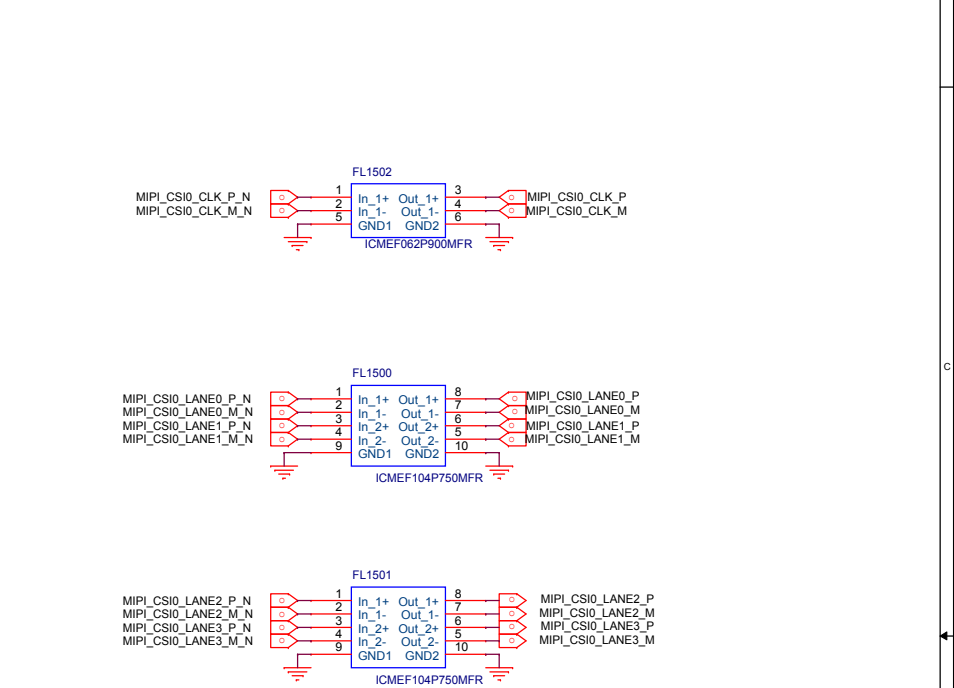
FLASH



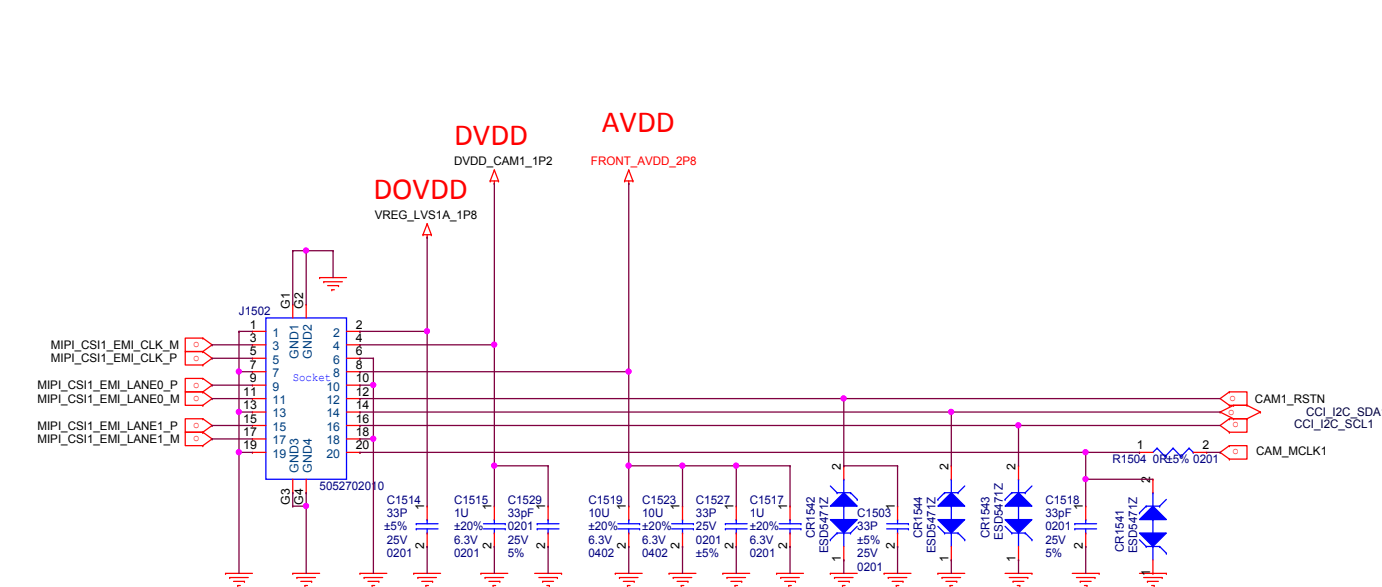
REAR CAMERA INTERFACE



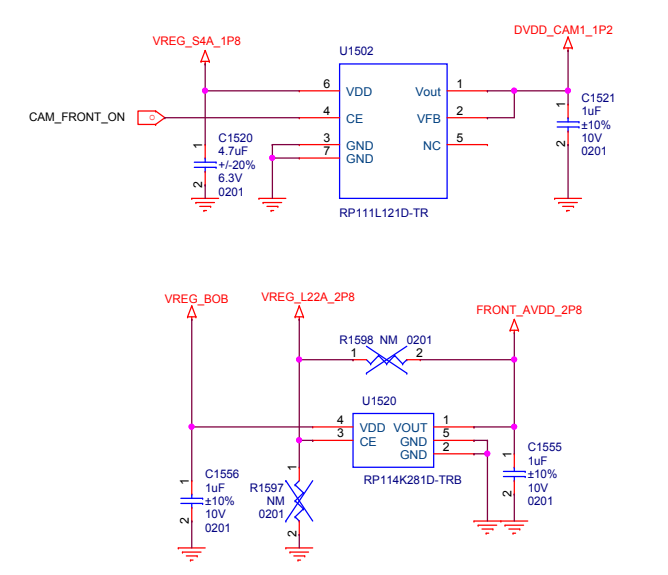
REAR EMI



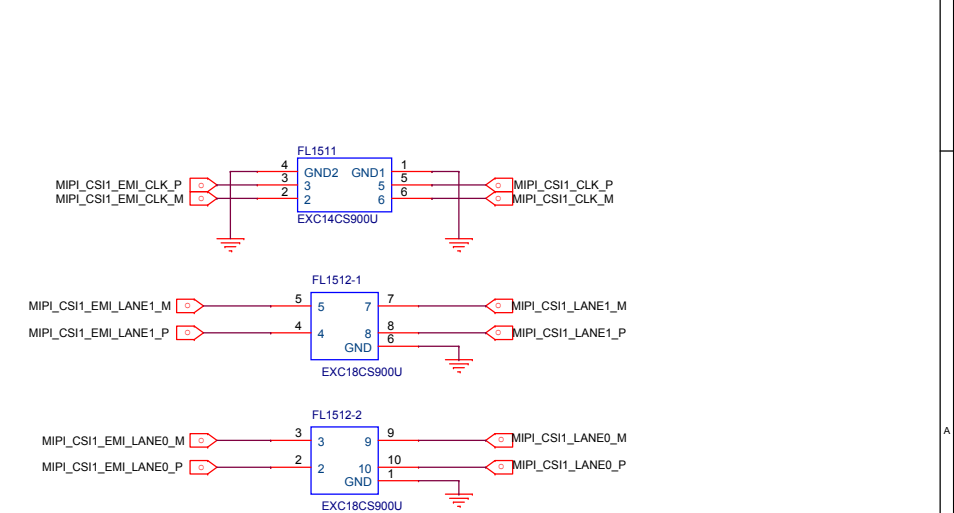
FRONT CAMERA INTERFACE



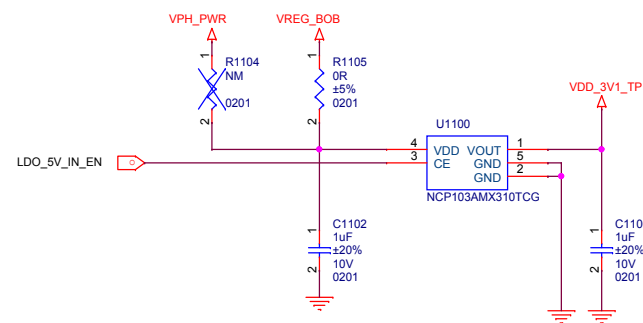
FRONT CAMERA LDO



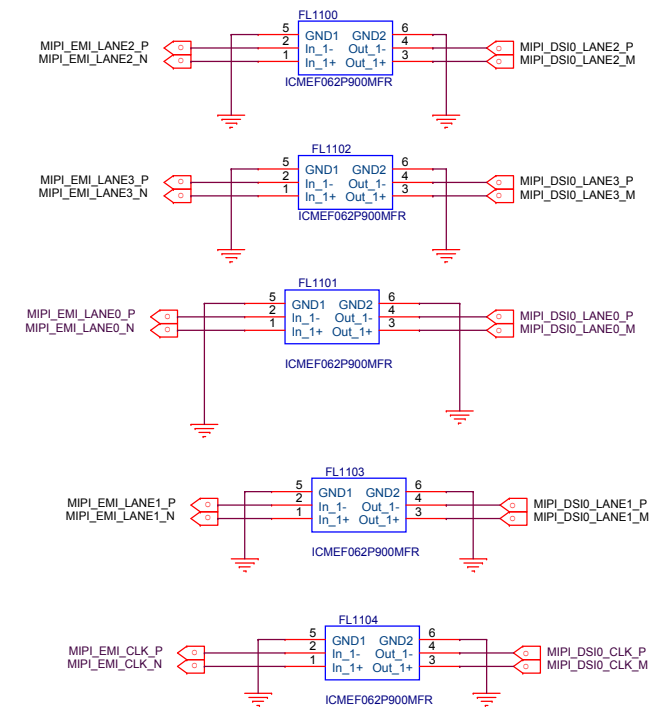
FRONT CAMERA EMI



TP

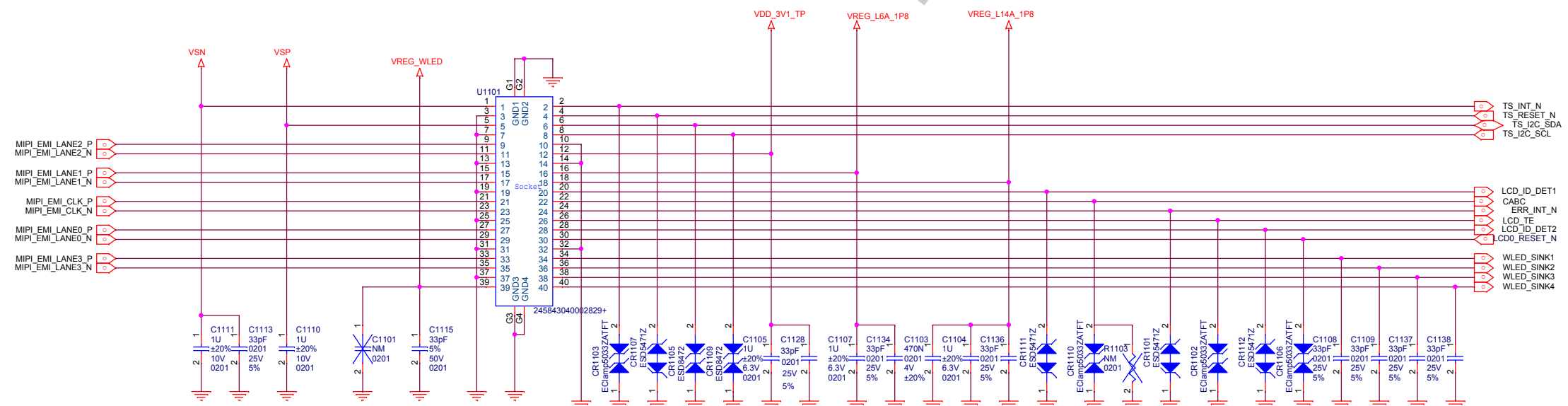


LCD EMI

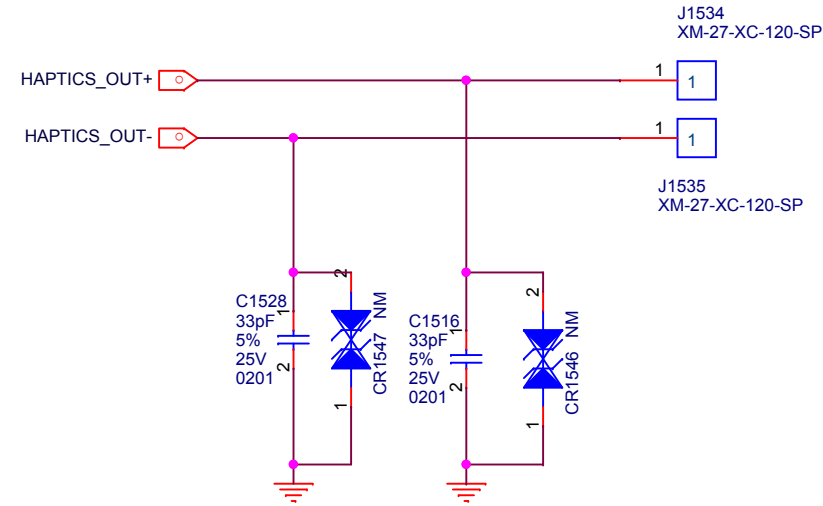


Confidential

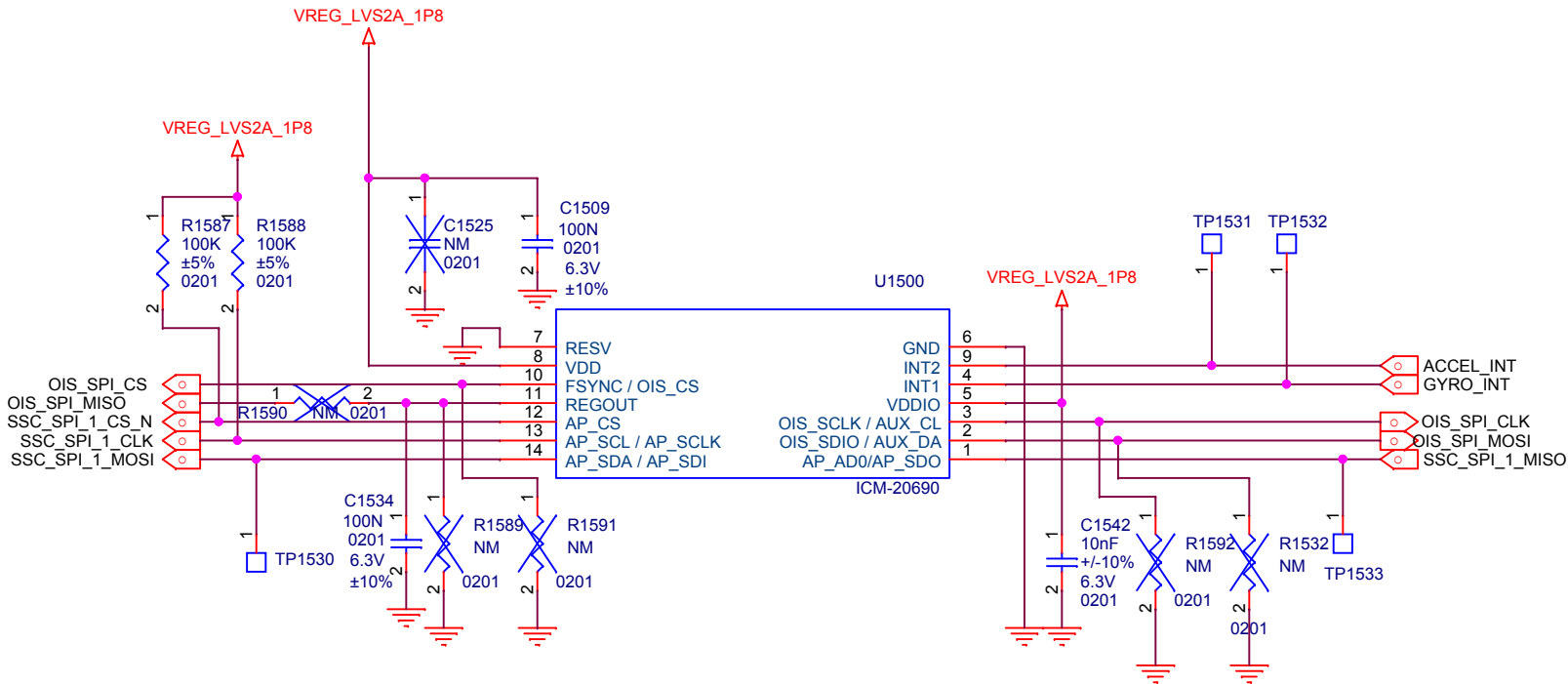
LCD INTERFACE



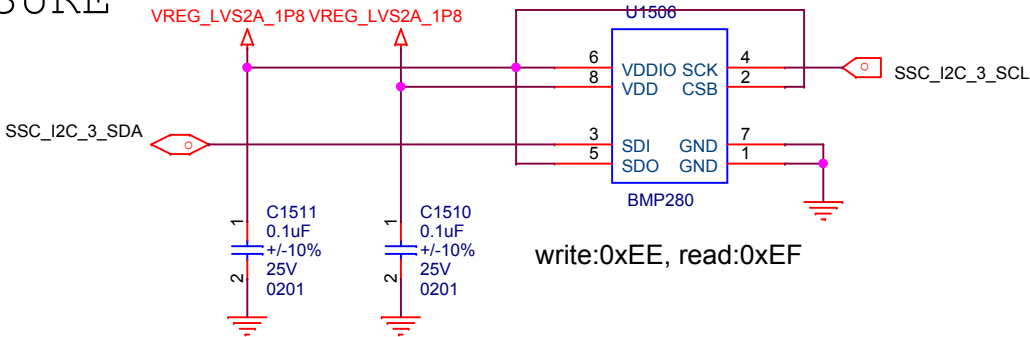
HAPTICS



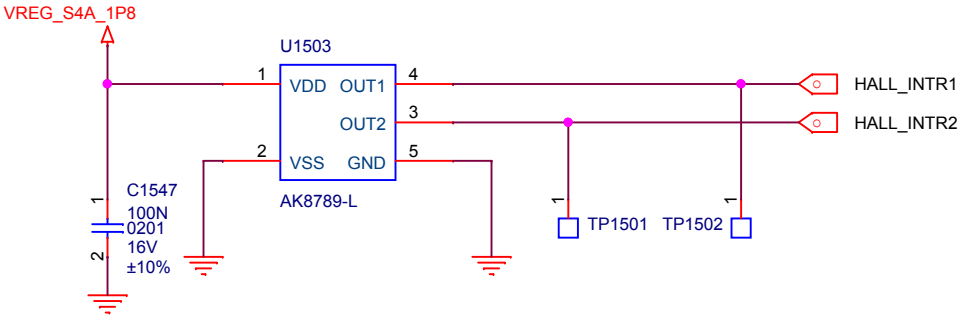
A+G



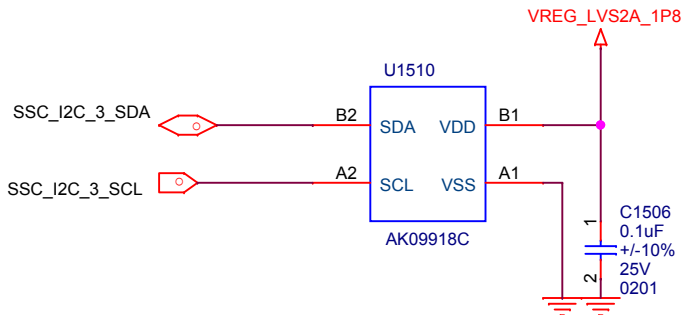
PRESSURE



HALL

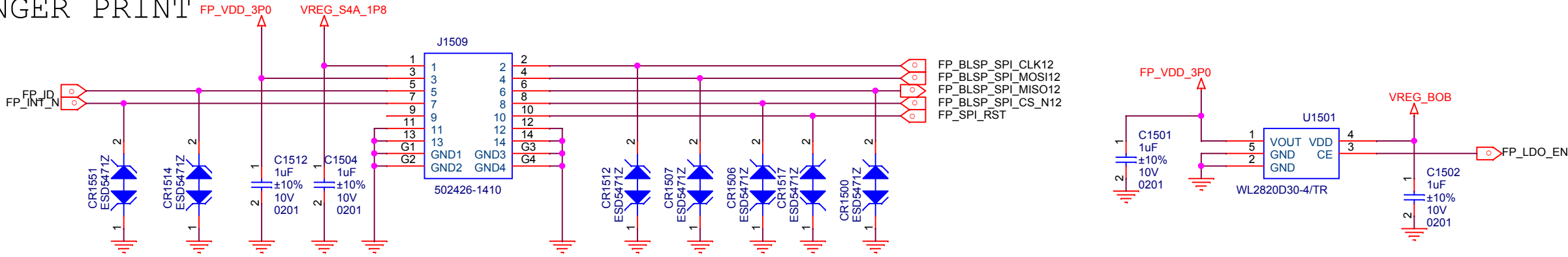


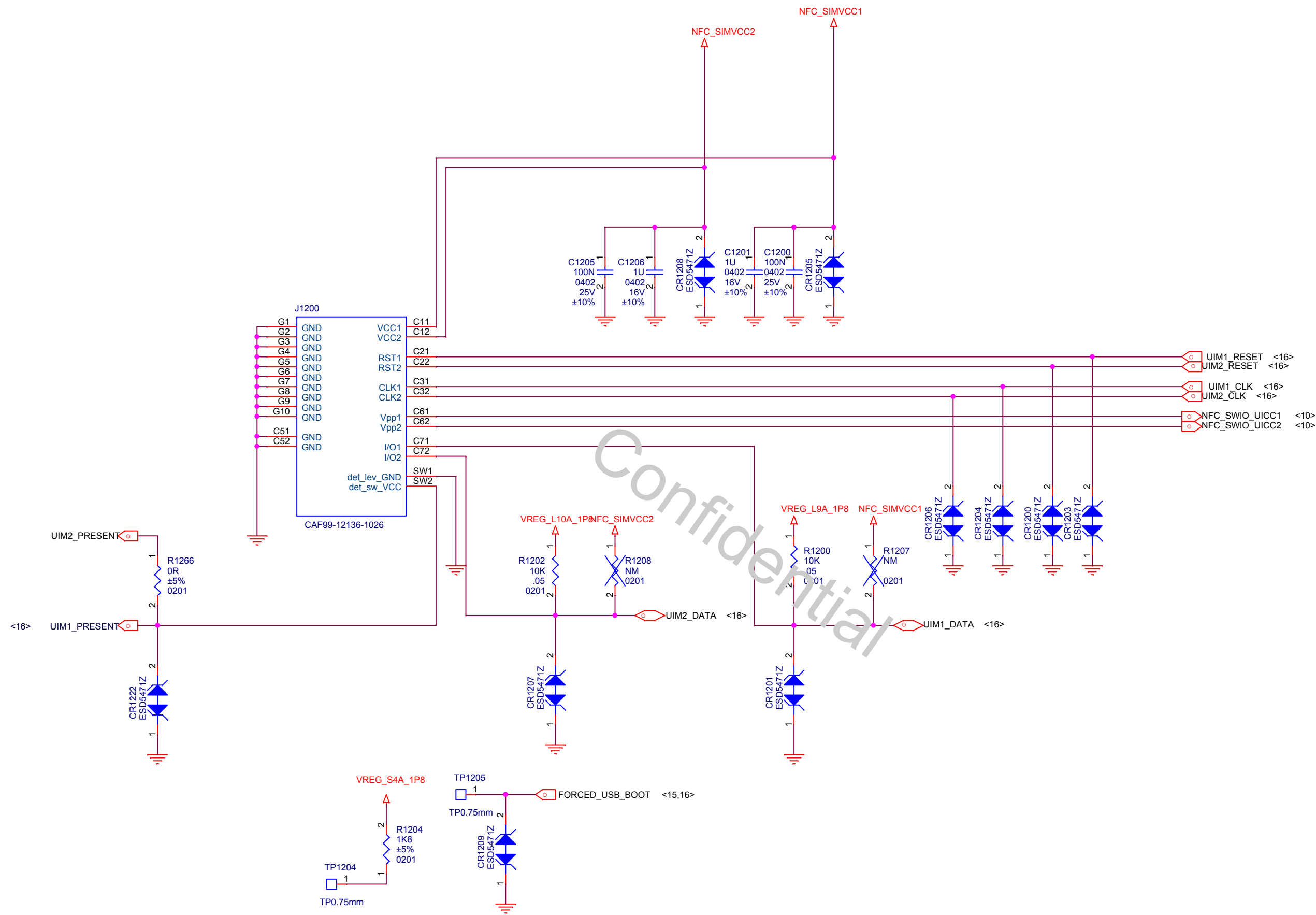
COMPASS



INFARED

FINGER PRINT





Confidential

Bottom fpc Connector

