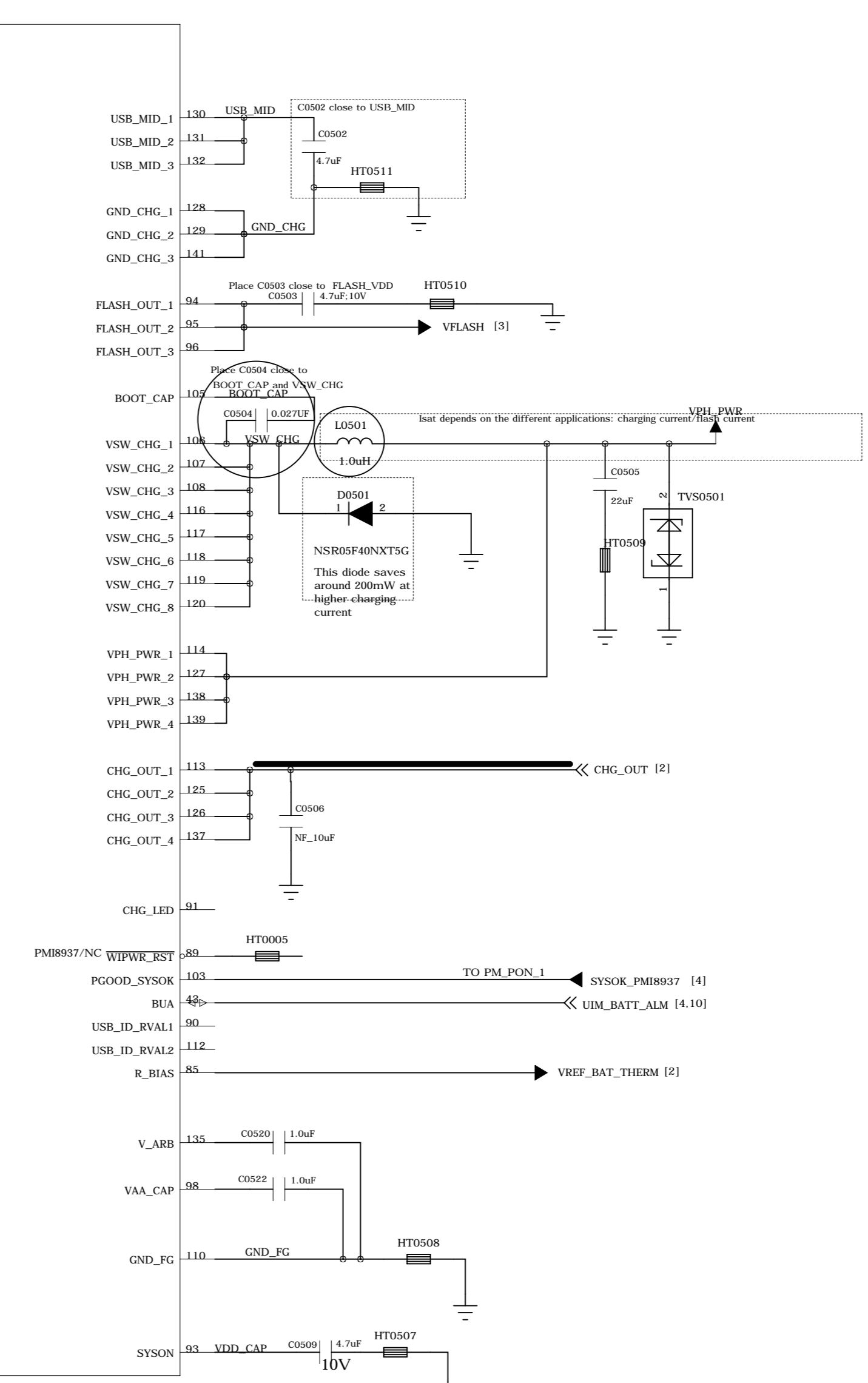
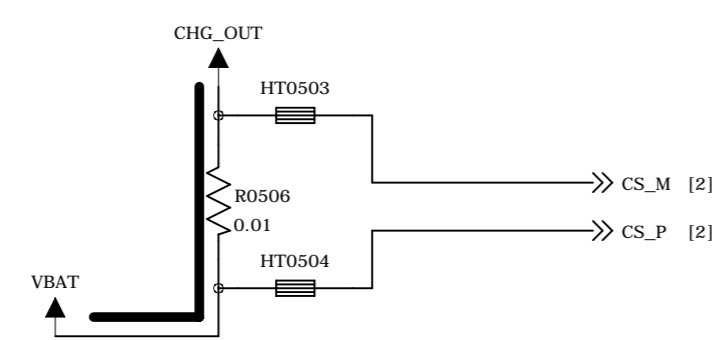
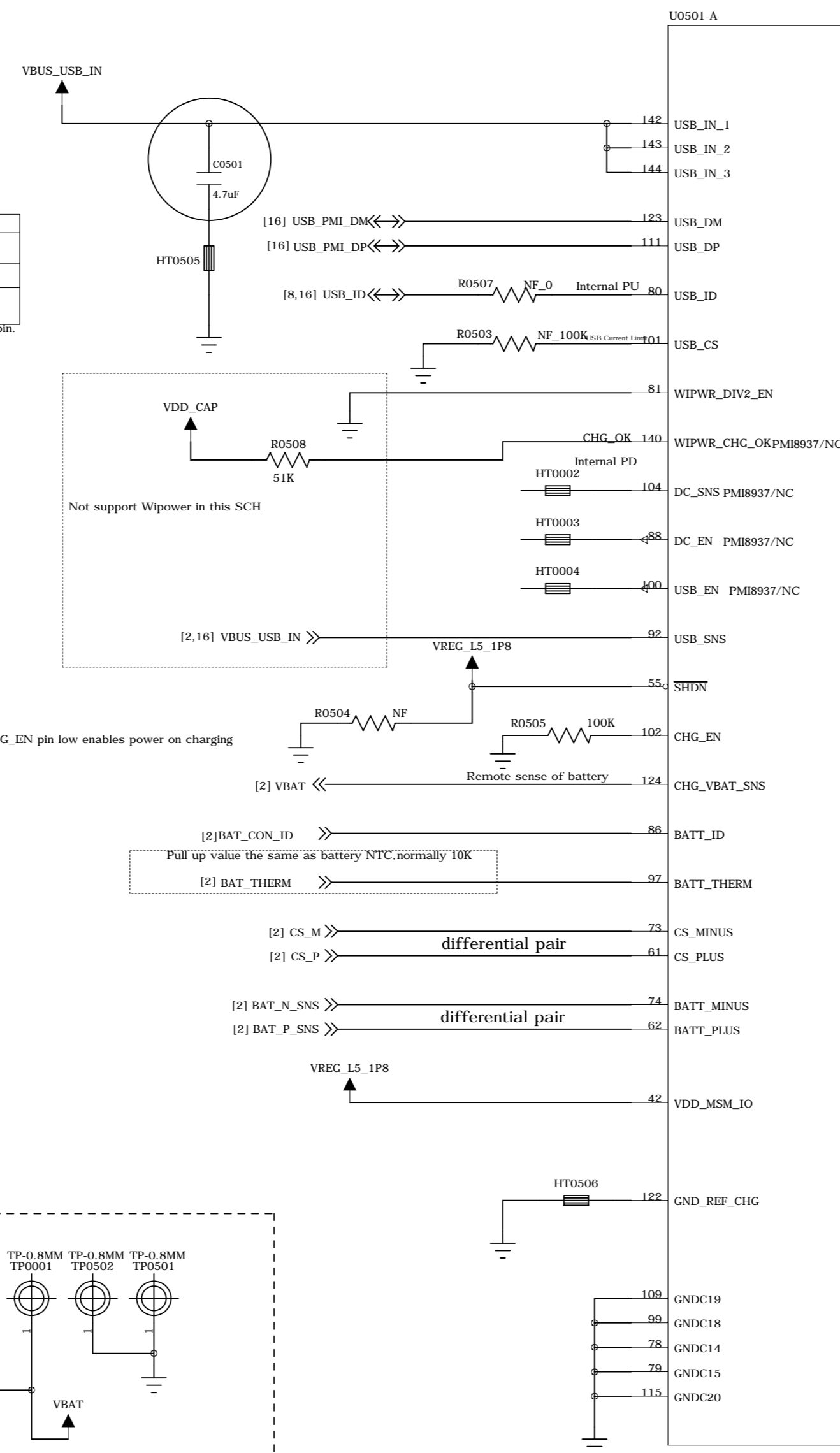
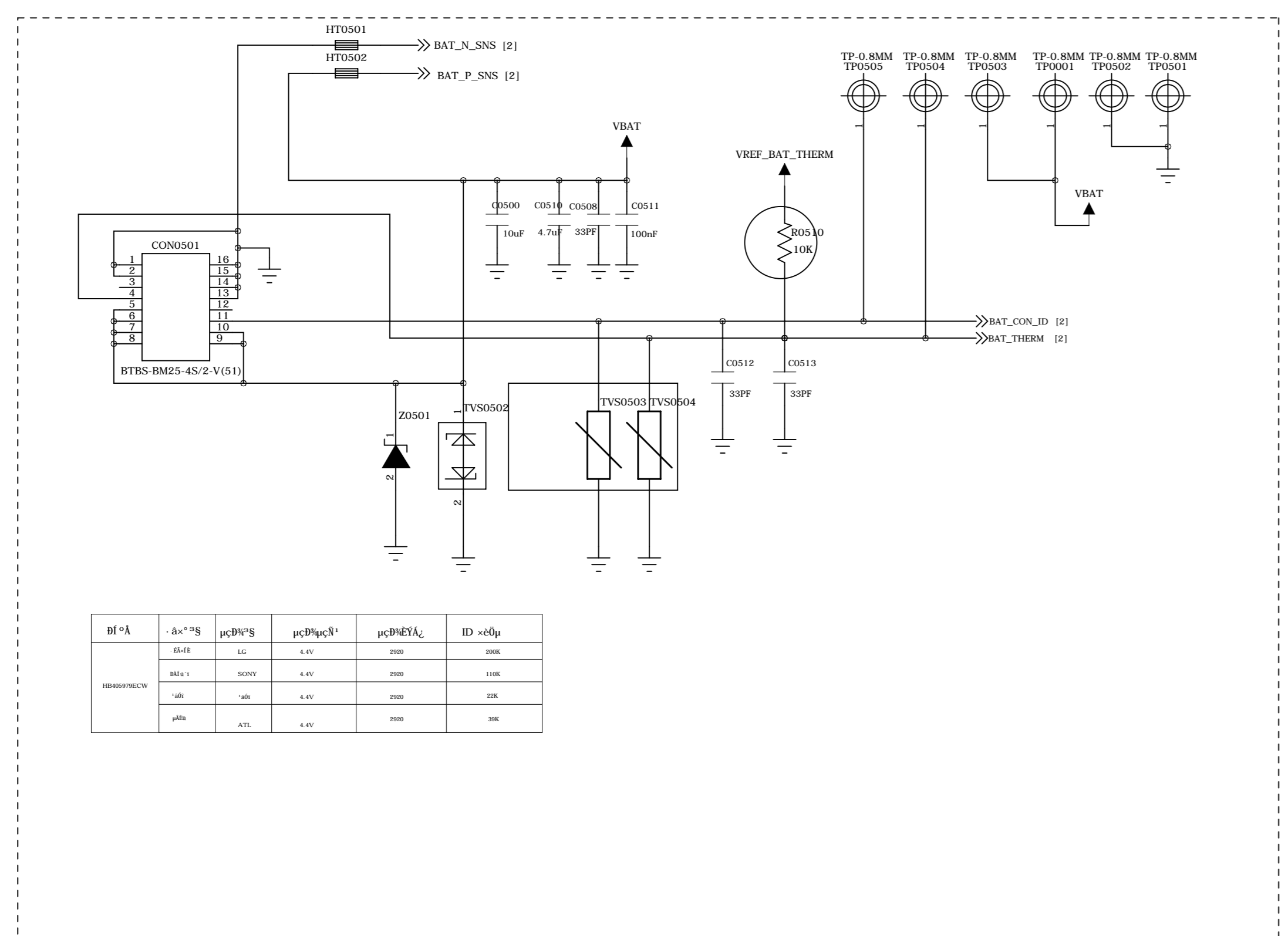


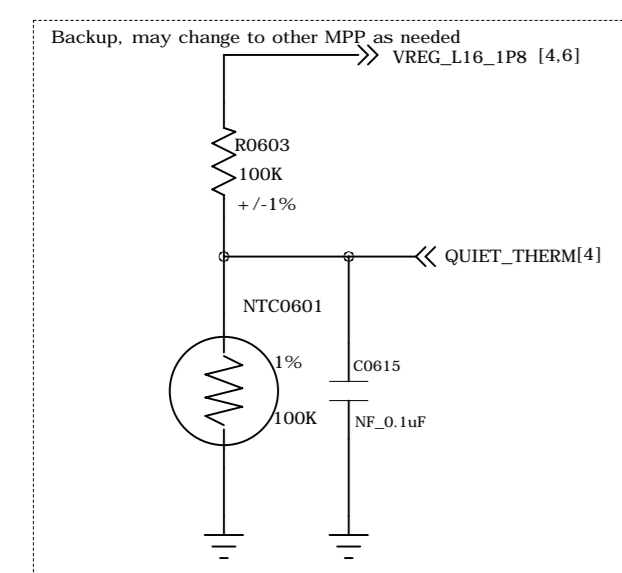
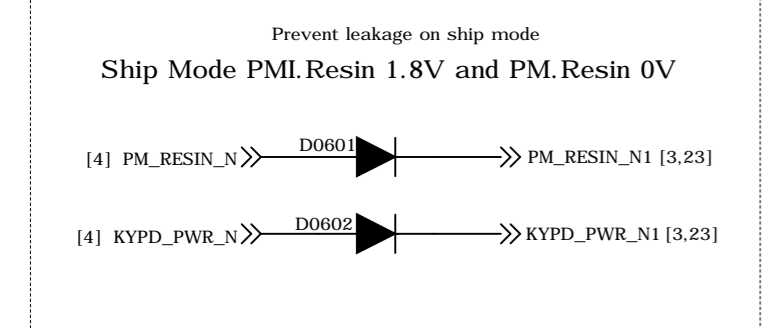
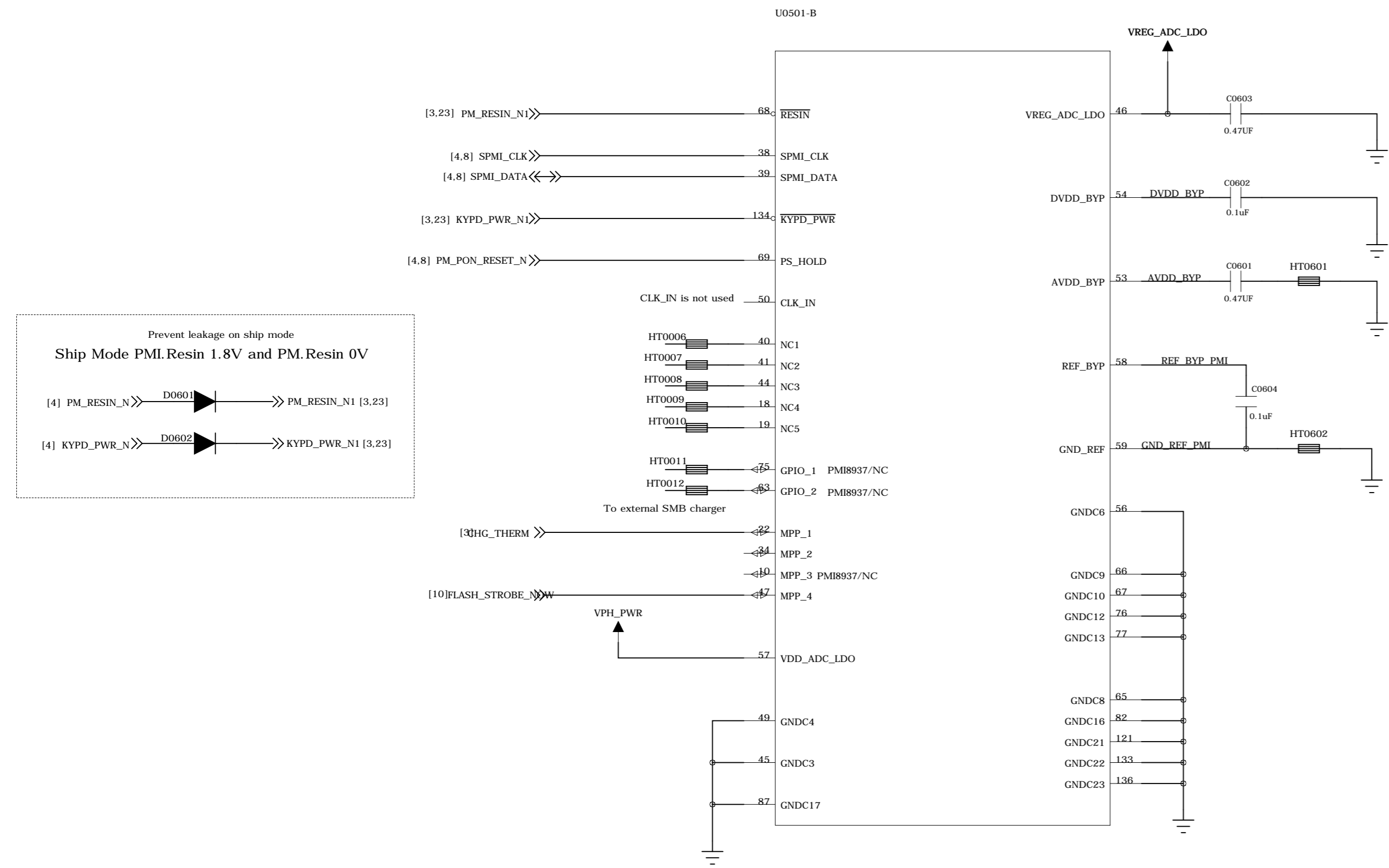
PMI PIN connection on device without Wipower	connection on device with Wipower
CHG_OK Pull up to VDD_CAP with 51kohm	Stark PRU CHG_OK
DIV2_EN Pull down to GND with 60hm	Stark PRU DIV2_EN
GPIO2 No Connect	10Kohm pull down to gnd
	For parallel charging: Connects to SMB1 EN pin Do NOT pull up to VDD_CAP
	For parallel charging: Connects to SMB1 EN pin Do NOT pull up to VDD_CAP



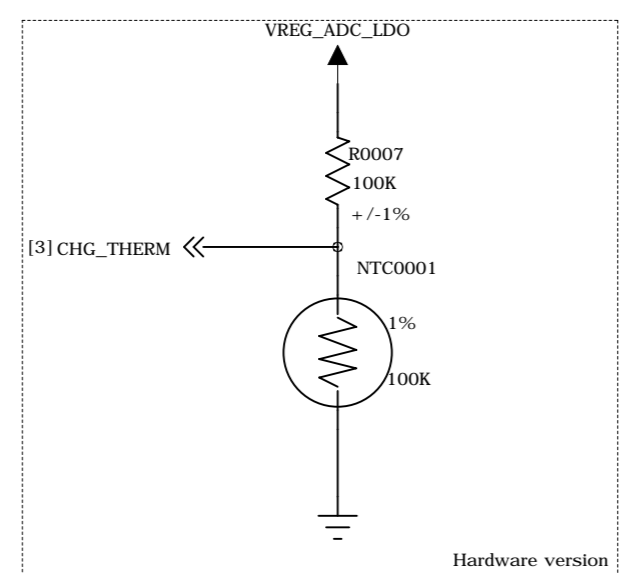
PMI_VDD_CAP net is 5VDC, cap is 0603.
Do not use 0402 as may derate to -80%.



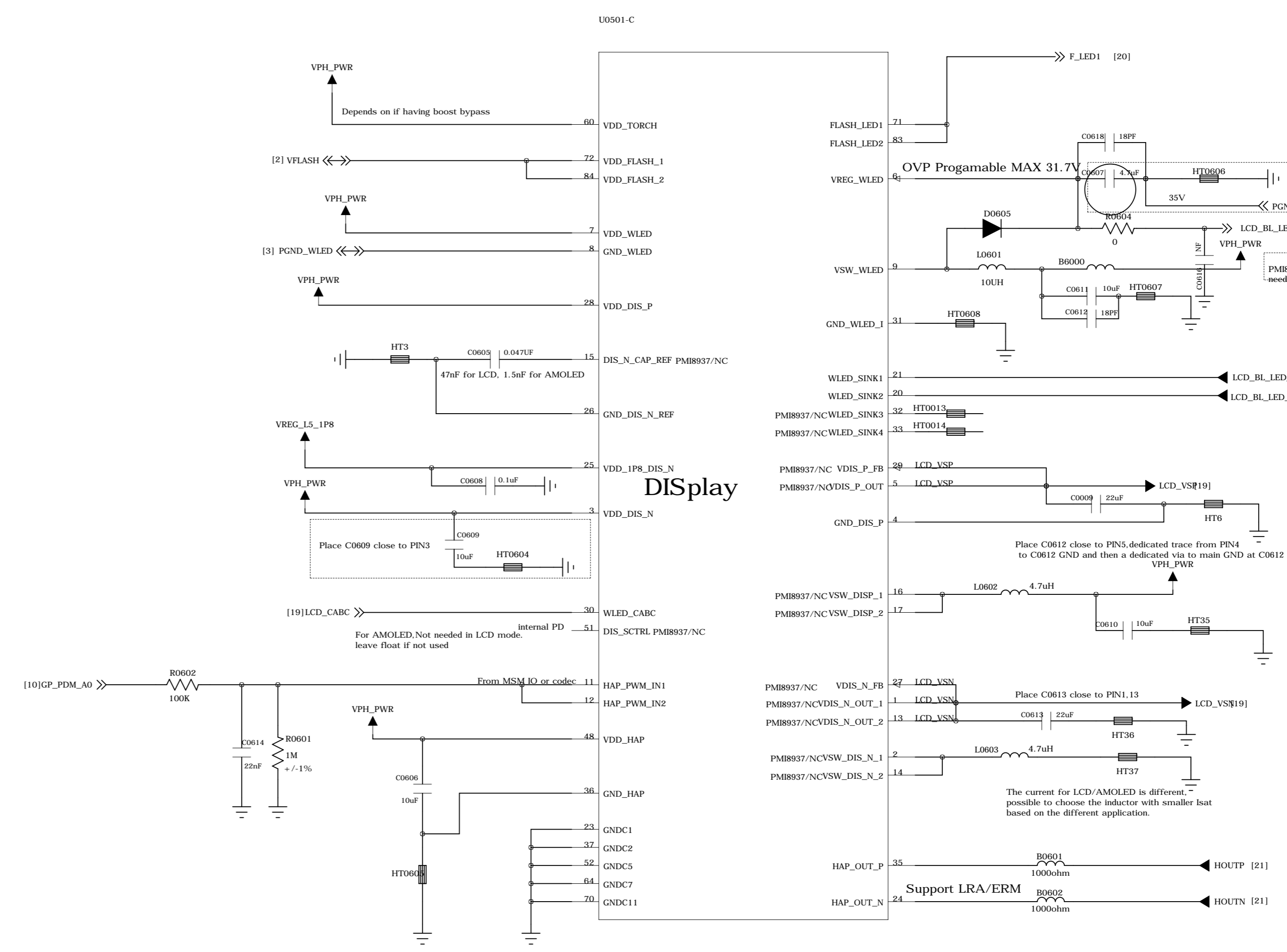
DI*Å	Å*Å	µC/DµS	µC/Dµs*	µC/Dµs*	ID <=4µi
HT0501	10	10	10	10	10
HT0502	10	10	10	10	10
HT0503	10	10	10	10	10
HT0504	10	10	10	10	10
HT0505	10	10	10	10	10



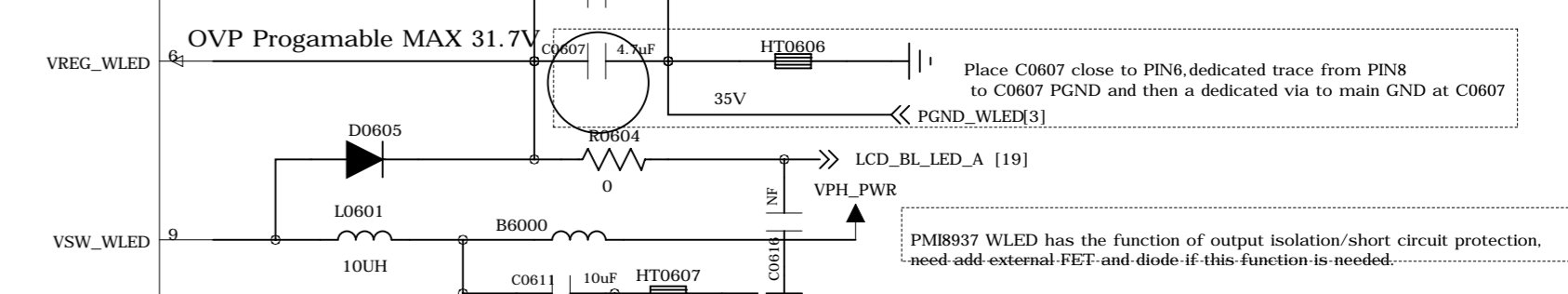
NTC0601 placement Ref to 80-VU794-17
Away from heat devices, such as MSM PMU Charger



Hardware version



Display



Place C0607 close to PIN6, dedicated trace from PIN8 to C0607 PGND and then a dedicated via to main GND at C0607

PM88937 WLED has the function of output isolation/short circuit protection. need add external FET and diode if this function is needed.

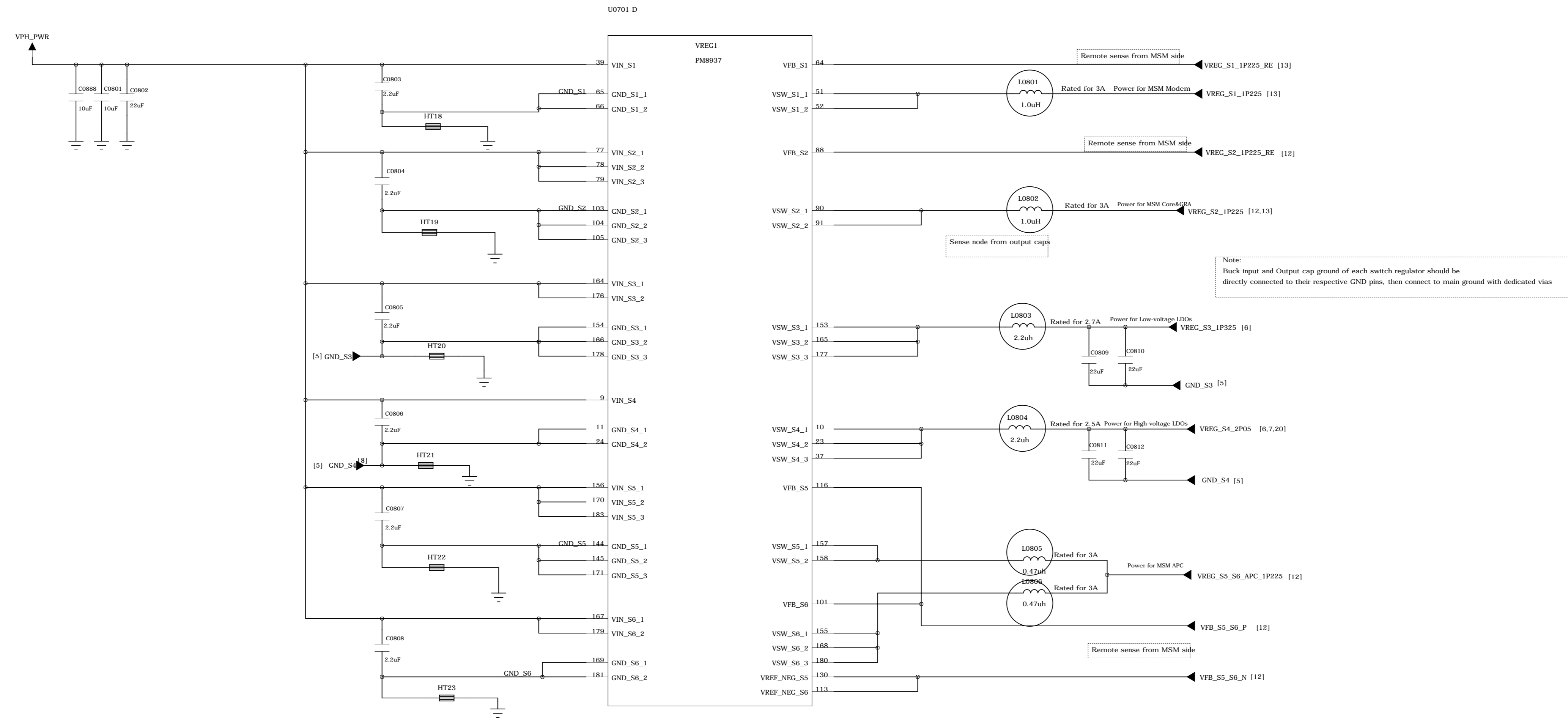
Place C0612 close to PIN5, dedicated trace from PIN4 to C0612 GND and then a dedicated via to main GND at C0612

Place C0613 close to PIN1, 13

The current for LCD/AMOLED is different, possible to choose the inductor with smaller Isat based on the different application.

Support LRA/ERM

TITLE:	87511	REV:	M10
DOCUMENT:	06_PMI8952_CONTROL/INTERFACE	SIZED:	A1
DEPARTMENT:	Hardware DEPT.		
COMPANY:	WINGTEC		
DESIGNER:	<DESIGNER>	Last Saved Date:	2016/8/23
		SHEET:	3 OF 34



TITLE:	87511	REV:	M10
DOCUMENT NO:	08_PM8940_BUCK_CONVERTER	SIZED:	A1
DEPARTMENT:	Hardware DEPT.		
COMPANY:	WINGTEC		
DESIGNER:	<DESIGNER>	Last Saved Date:	2016/8/23
		SHEET:	5 OF 34