REVISION RECORD

LTR ECO NO: APPROVED: DATE:

R119 OR WBUCK1_FB [4] DVDD12_EMI O 1.2V IO for DDR2 R101 0603 OR VM12_SW_PMU C115 close to pin E1 (150mil) IO power C125 close to pin G26 (150mil) R109 0402 0R VIO18_PMU
For low-power testing proposal. OVCORE_SW_BB VPROC_BB | VPROC_BB | R104 | O603 | OR OVPROC_PMU | O402 | O AE5
V7
AVSS18_WBG
U7
W7
W7
AVSS18_WBG
AVSS18_WBG
AVSS18_WBG
AVSS18_WBG
AVSS18_WBG
AC3
AC5
AC5
AC7
AD4
AE3
AVSS18_WBG
AVSS18_WBG To MT6323 GND_VPROC_FB pin To MT6323 VPROC_FB pin W20 U20 V20 V21 U21 U21 W21 W21 W21 V20 V20 V20 V21 AVSS18 MD AVSS18 AP AVSS18 AP AVSS18 AP (1)VPROC_BB, GND pin of 1st cap group should be laid differential pair with ground shielding remote sense to PMIC (2)R107 & R103 must be close to 1st cap group. If you want to remove them, please make sure the VPROC_FB/GND_VPROC_FB must connect from 1st cap. group of VPROC For low-power testing proposal. A2 R24 AVSS18_MEMPLL AVSS33_USB It can be cancel for cost-down proposal DVDD18_MIPI AE21 AVDD18_MD AVDD18_MD_AP 0R 0402 R116 VIO18_PMU DVDD18_MIPITX L2 C111 C113 For low-power testing proposal. DVDD18_MIPIIO G1 AC21 AD22 AC26 V17 V18 V18 AVSS18_MD AVSS18_MD AVSS18_AP AVSS18_AP AVSS18_AP AVSS18_AP AVSS18_AP AVSS18_AP DVSS18_MIPIIO

DVSS18_MIPIIO

DVSS18_MIPIIO

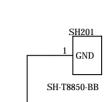
DVSS18_MIPIIO

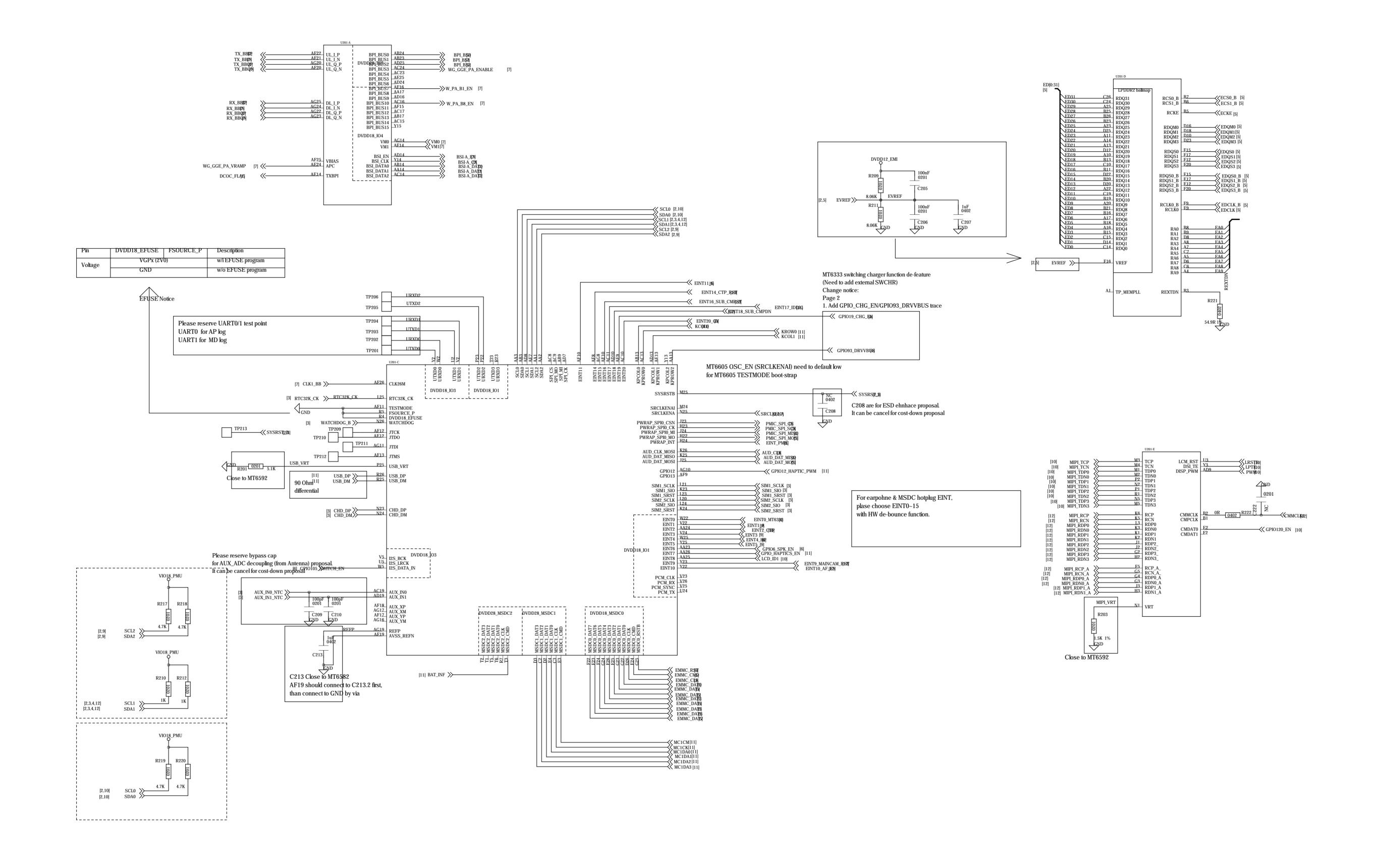
DVSS18_MIPITX

DVSS18_MIPITX VIO18_PMU O OR 0402 R115 For low-power testing proposal. It can be cancel for cost-down proposal T12 M16 K21 M17 H12 H20 H17 H14 H14 AVDD18_MEMPLL pin and AVSS18_MEMPLL pin should be connected with PCB CAP first, and then connected with PMU and PCB ground. CAP should be near MT6592 as possible as we can.

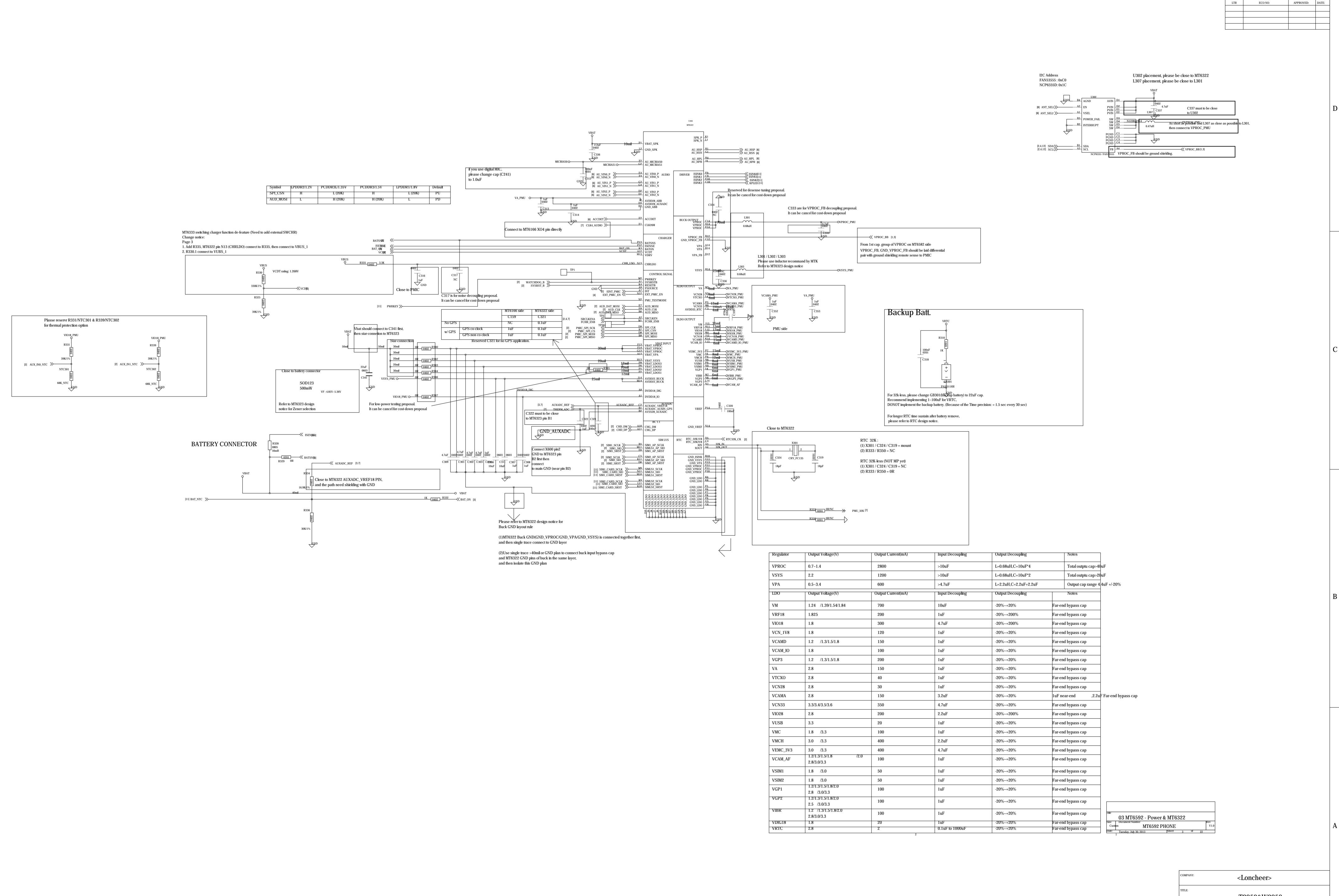
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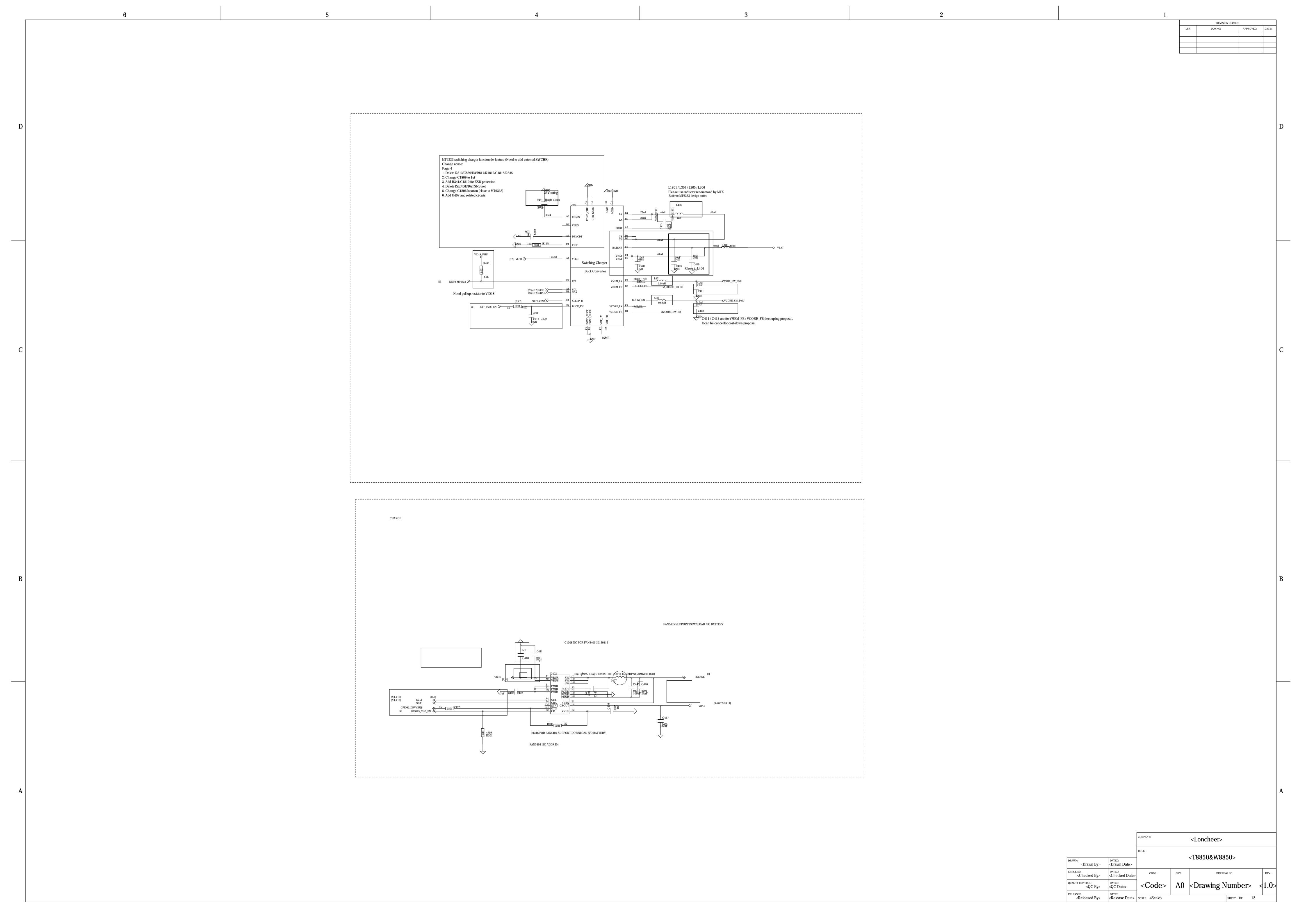




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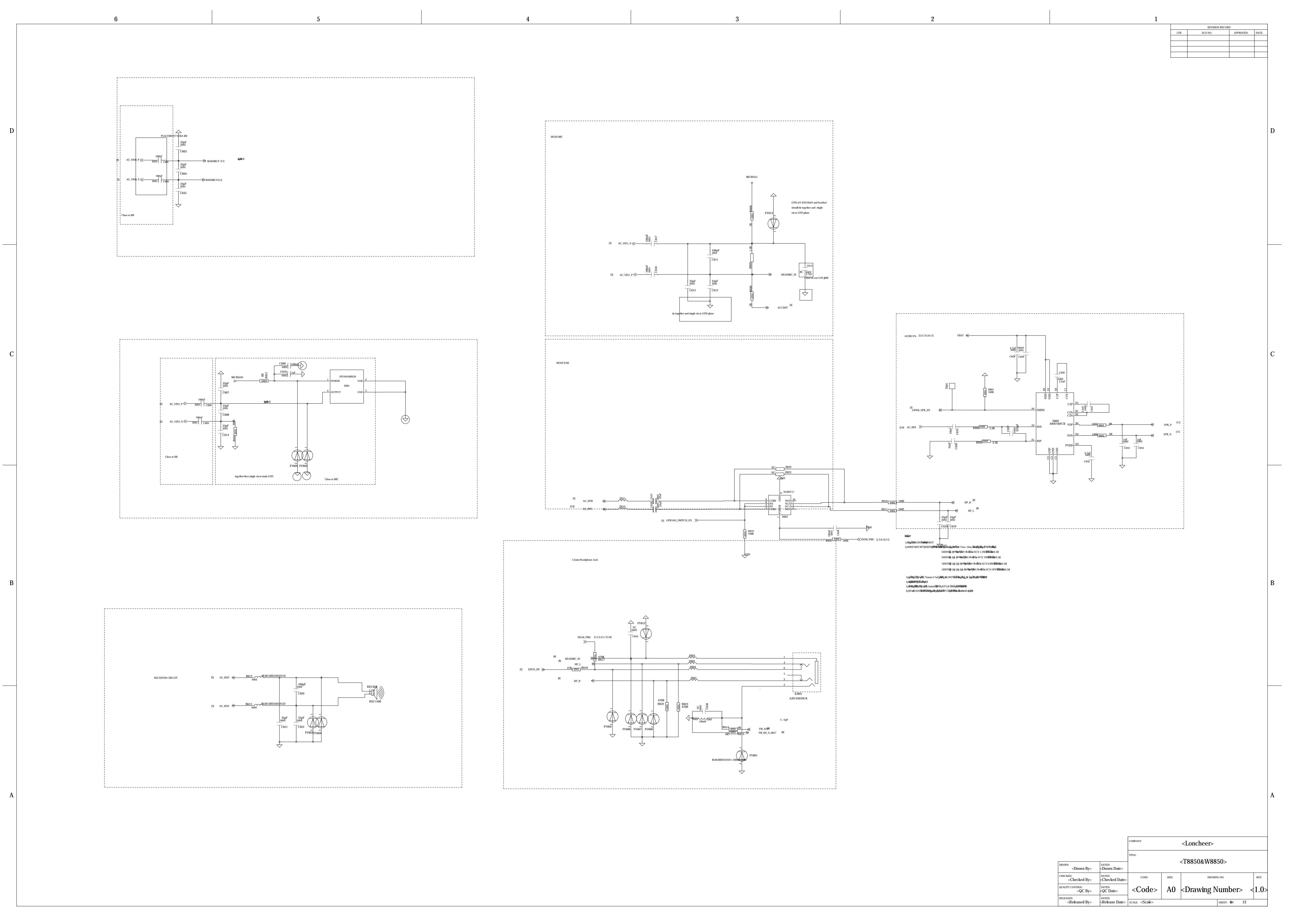
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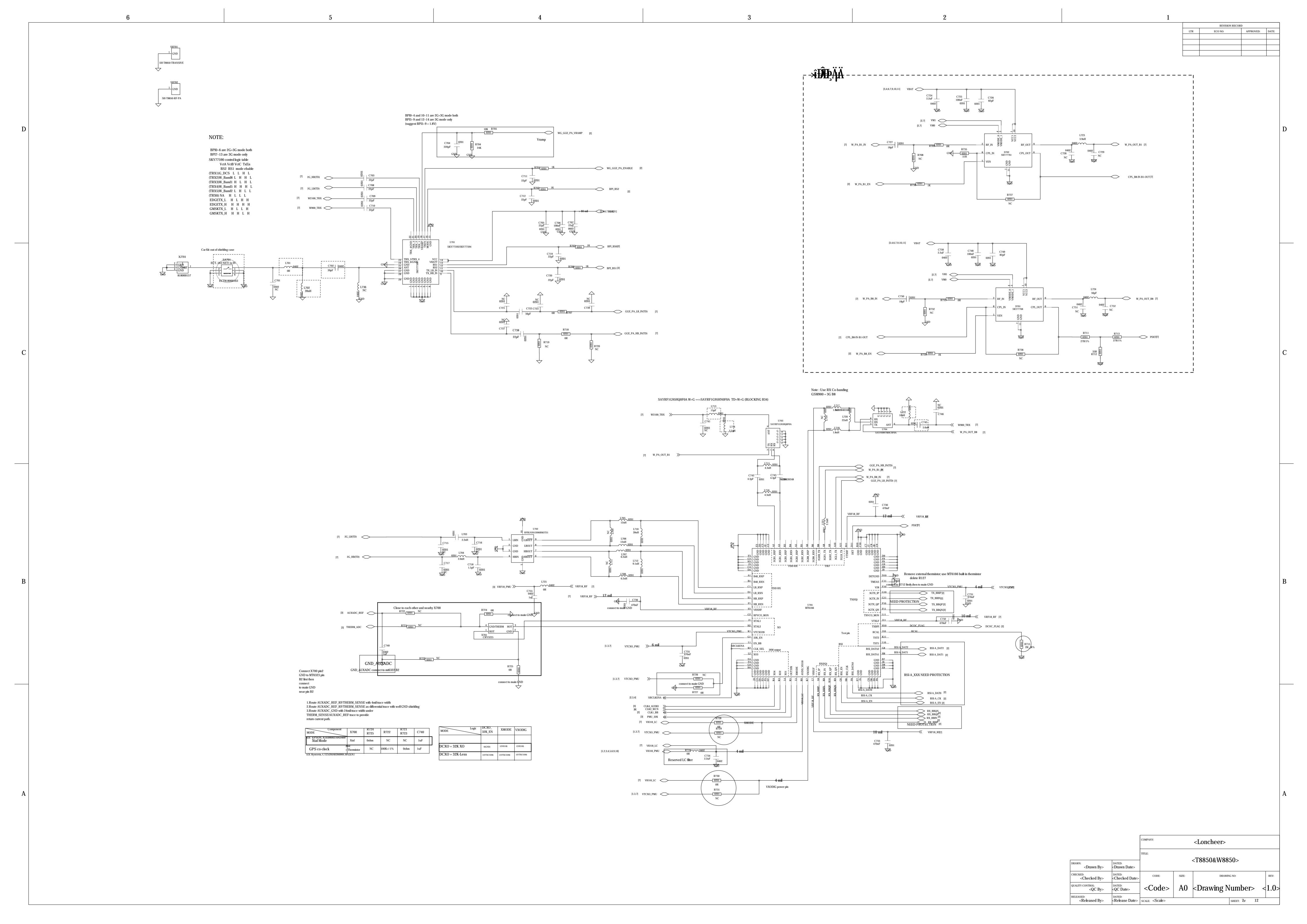


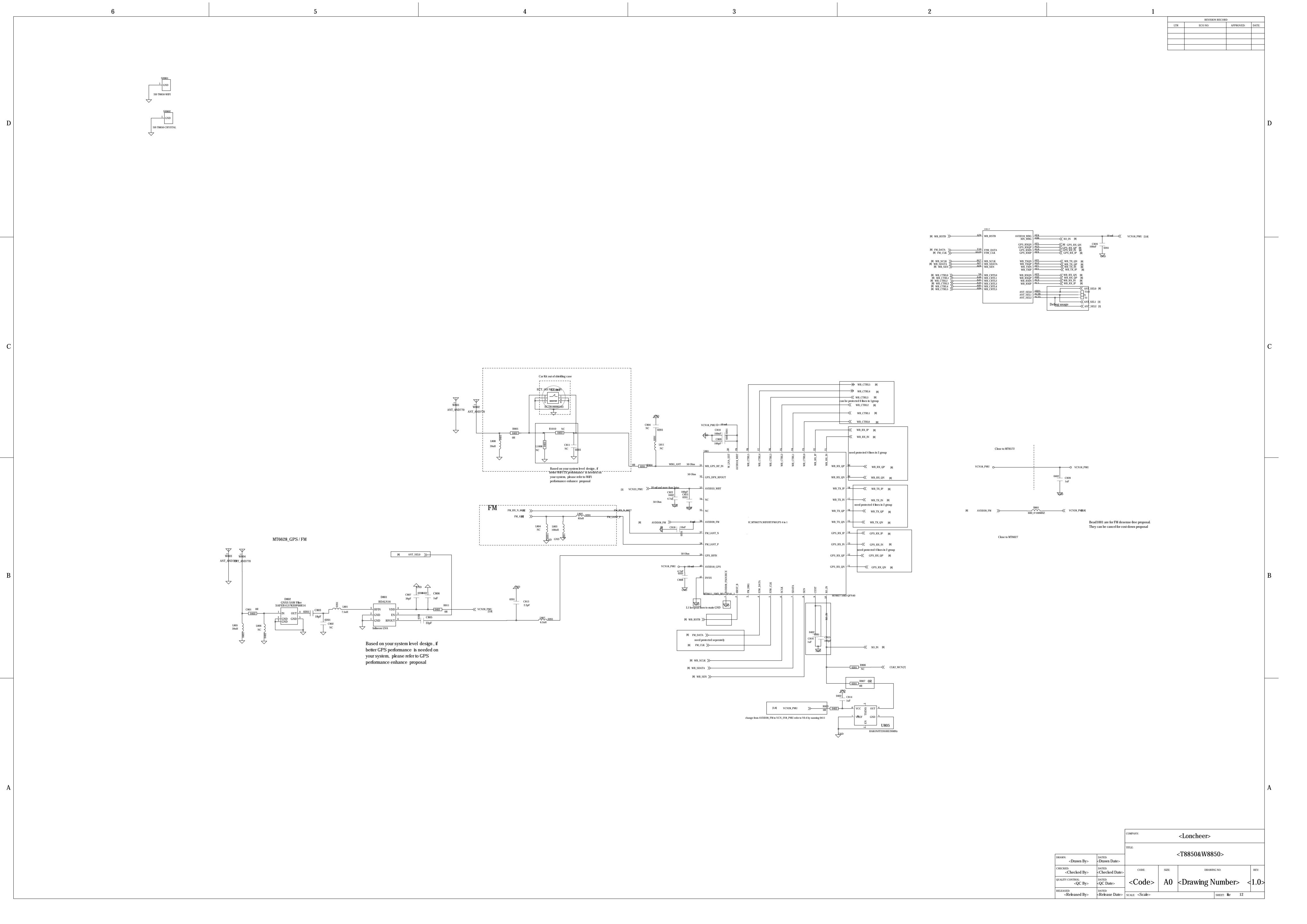
VDDI VCC VCCQ SDIN8DE1-8G >=100nF <=100nF <=100nF>=4.7uF >=4.7uF Discrete LPDDR2 134 ball, 0.5mm pitch VDD1=1.8V VDD2=1.20V VDDCA=1.2V VDDQ= 1.20V VDDCA=1.2V VDDQ= 1.20V Discrete eMMC (153 balls) 153 ball, 0.5mm pitch 1. VCC : Core Voltage 2.7v ~ 3.6v 2. VCCQ : IO Voltage 1.7v~1.95v (low voltage range) 2.7v~3.6v(high voltage range) OR 0402 R512 OVEMC_3V3_PMU 0R 0402 R513 OVIO18_PMU EMMC_VCCQ P eMMC_CLK should star connect from MCOCLK Close to Memory Check MCP part's requirement A1 DNU
A2 DNU
A10 DNU
B1 DNU
B10 DNU
T1 DNU
T1 DNU
U11 DNU
U12 DNU
U19 DNU
U10 DNU EDBA232B1MA

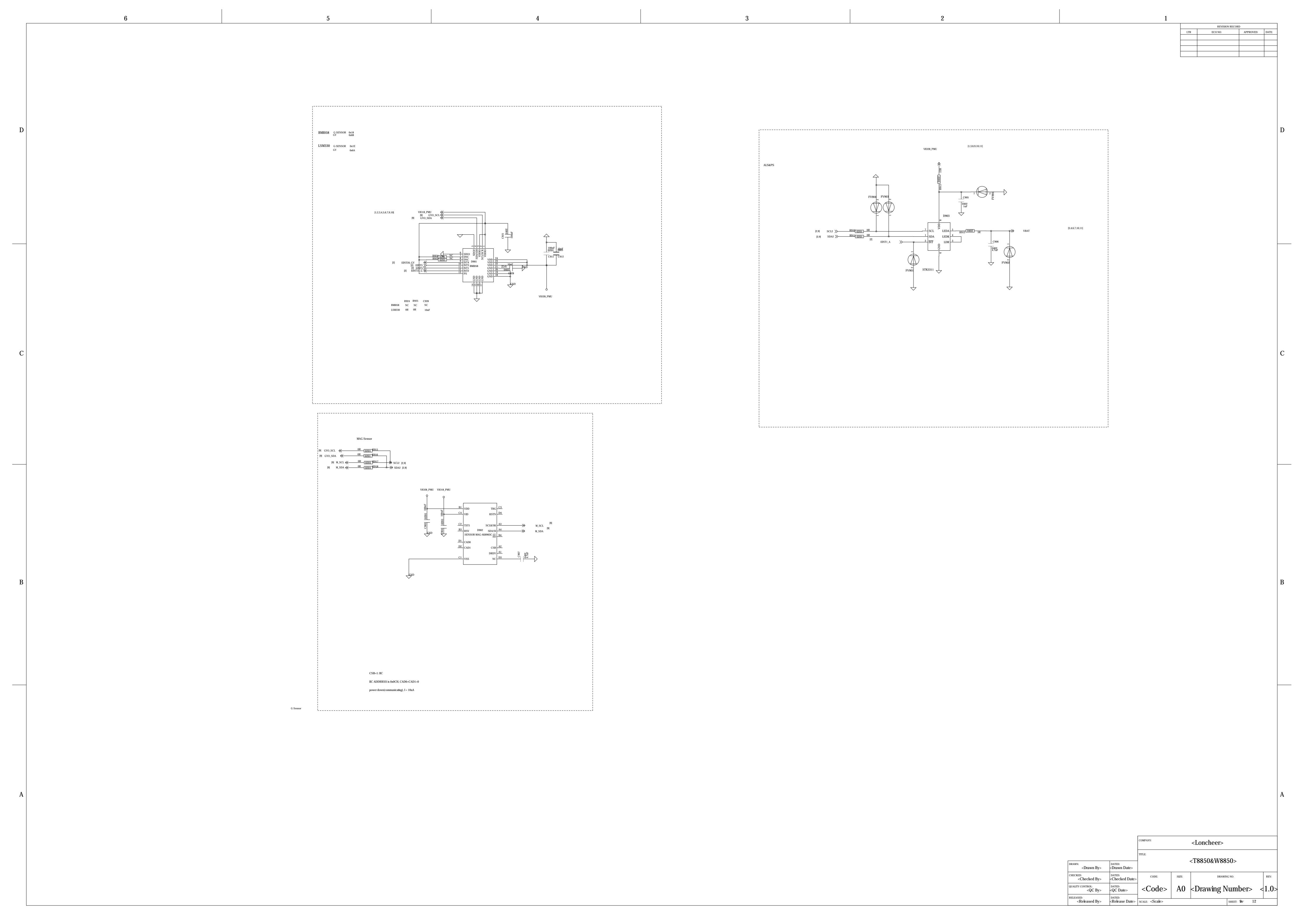
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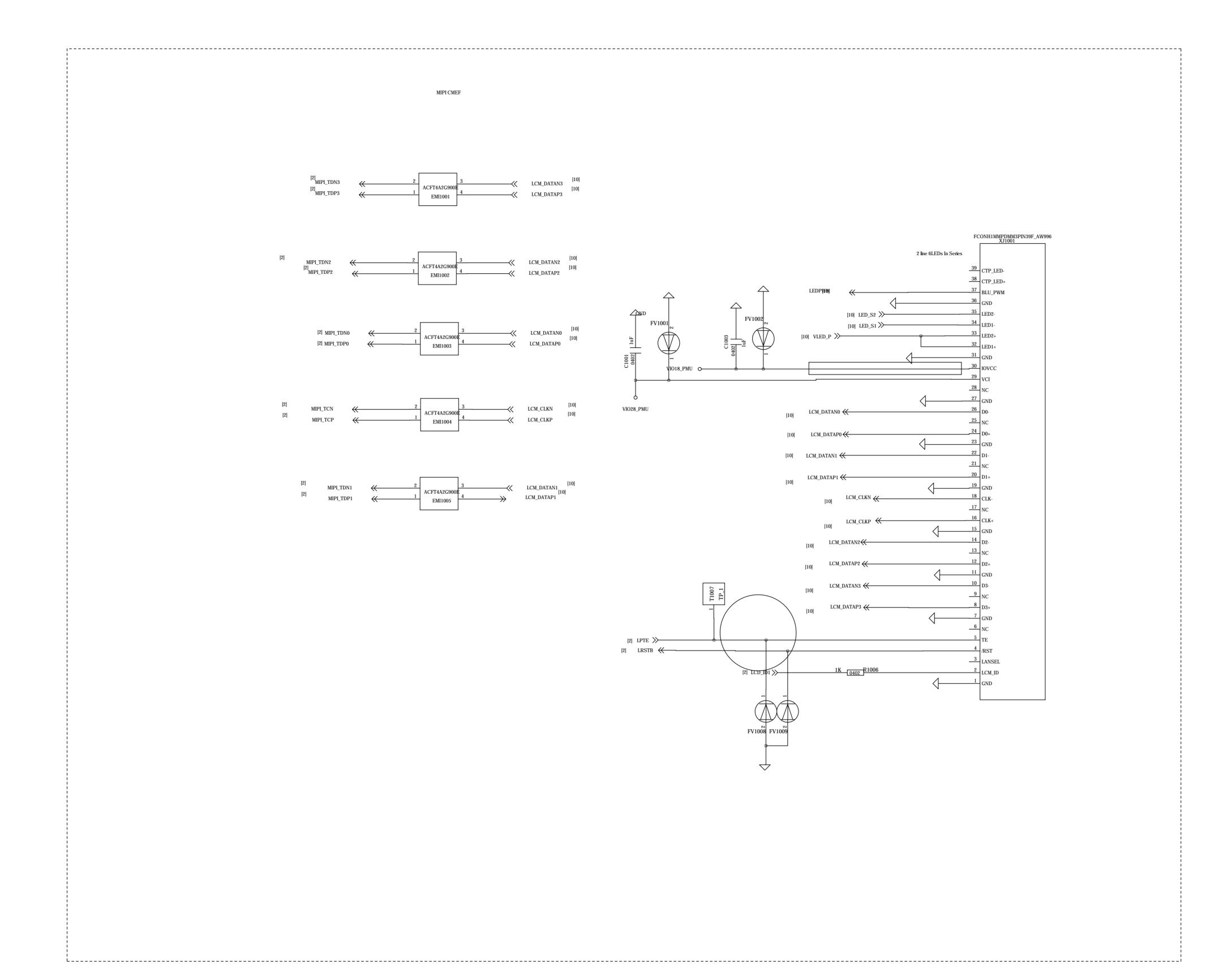


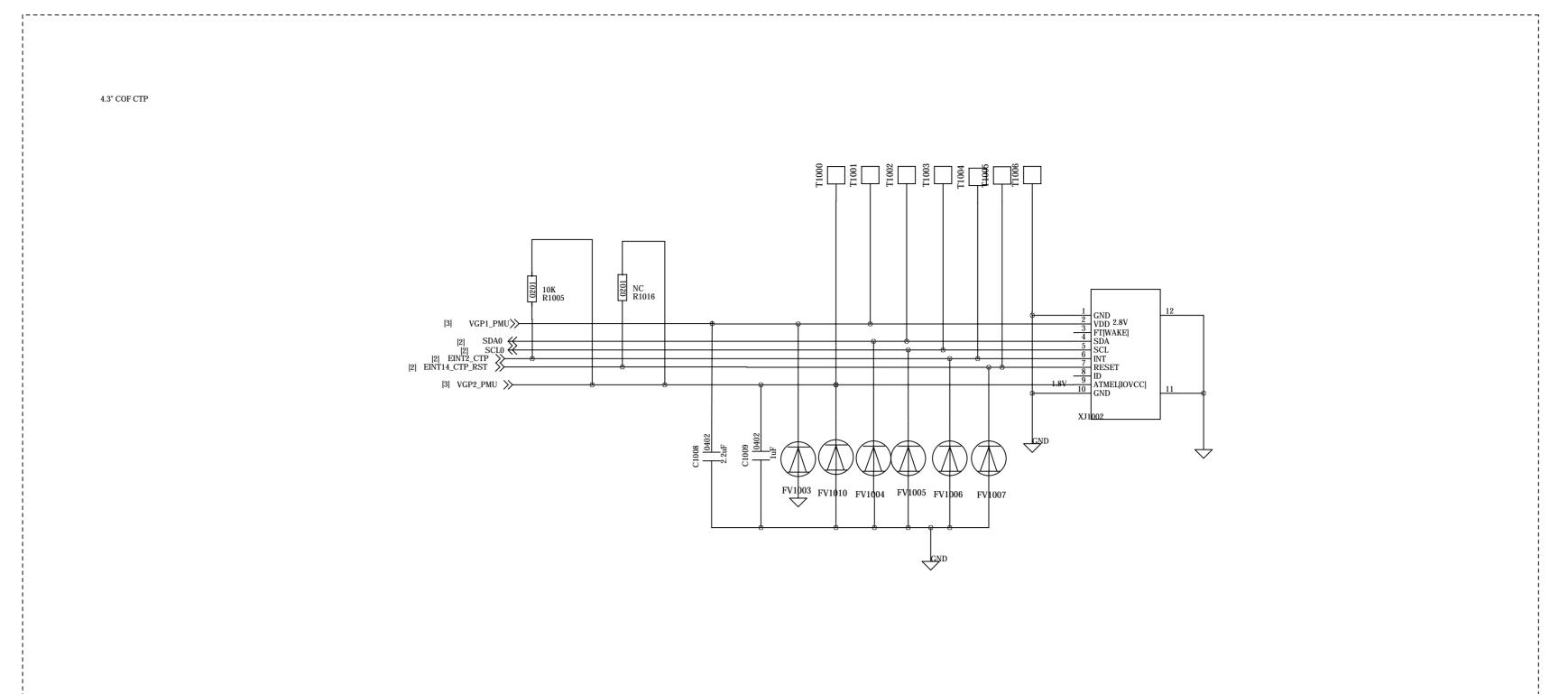


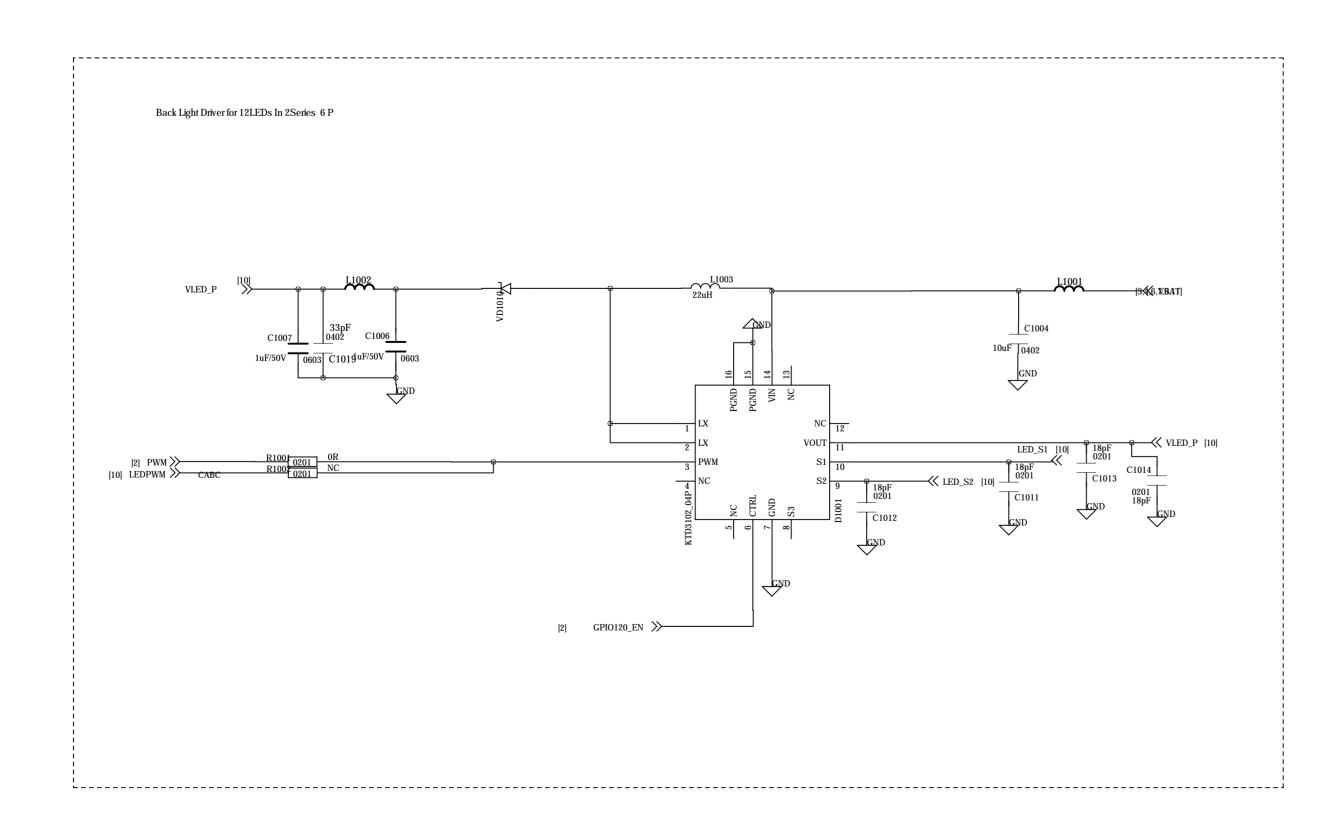


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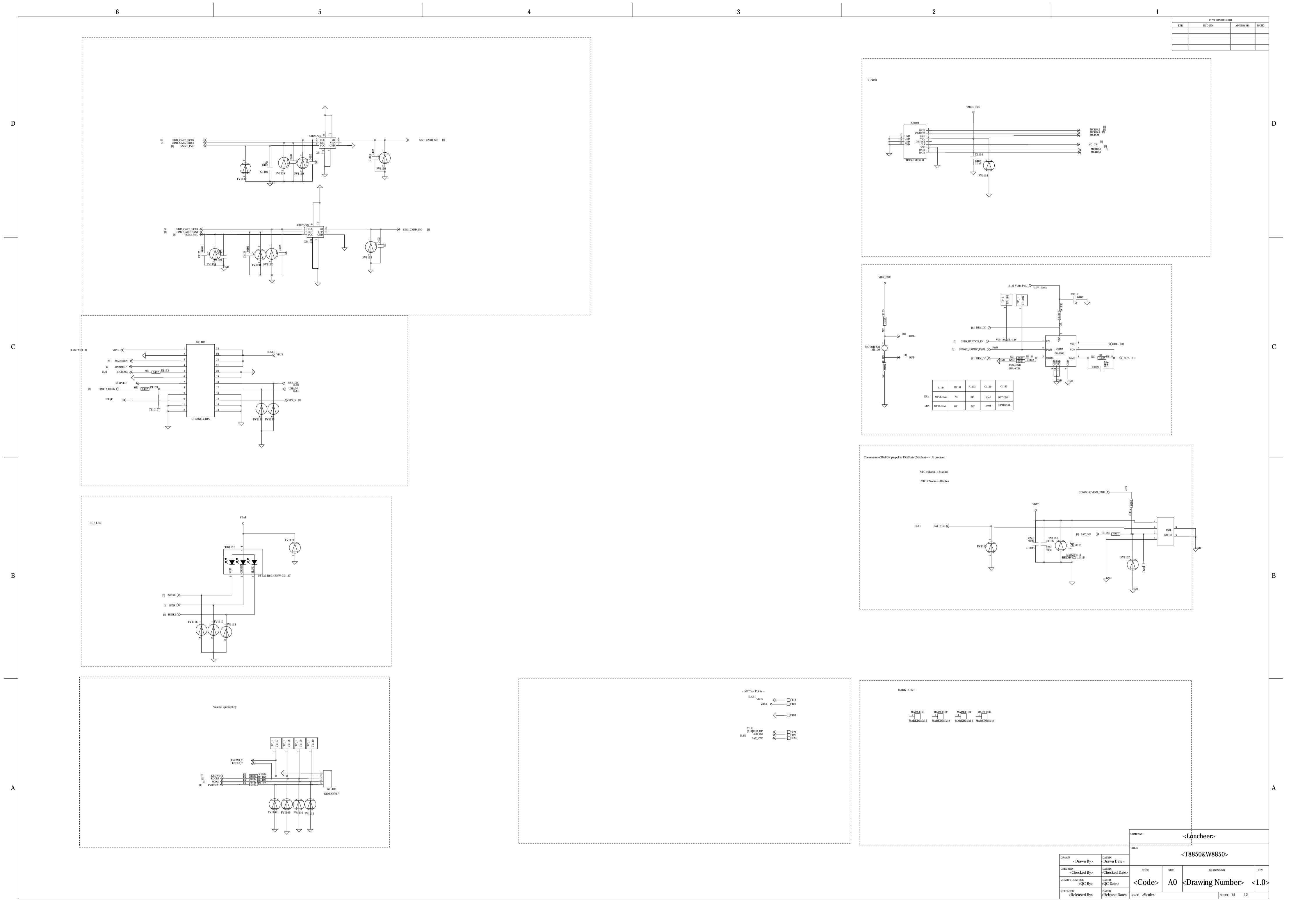
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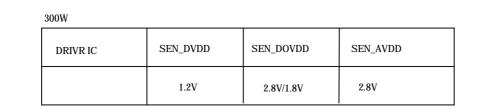




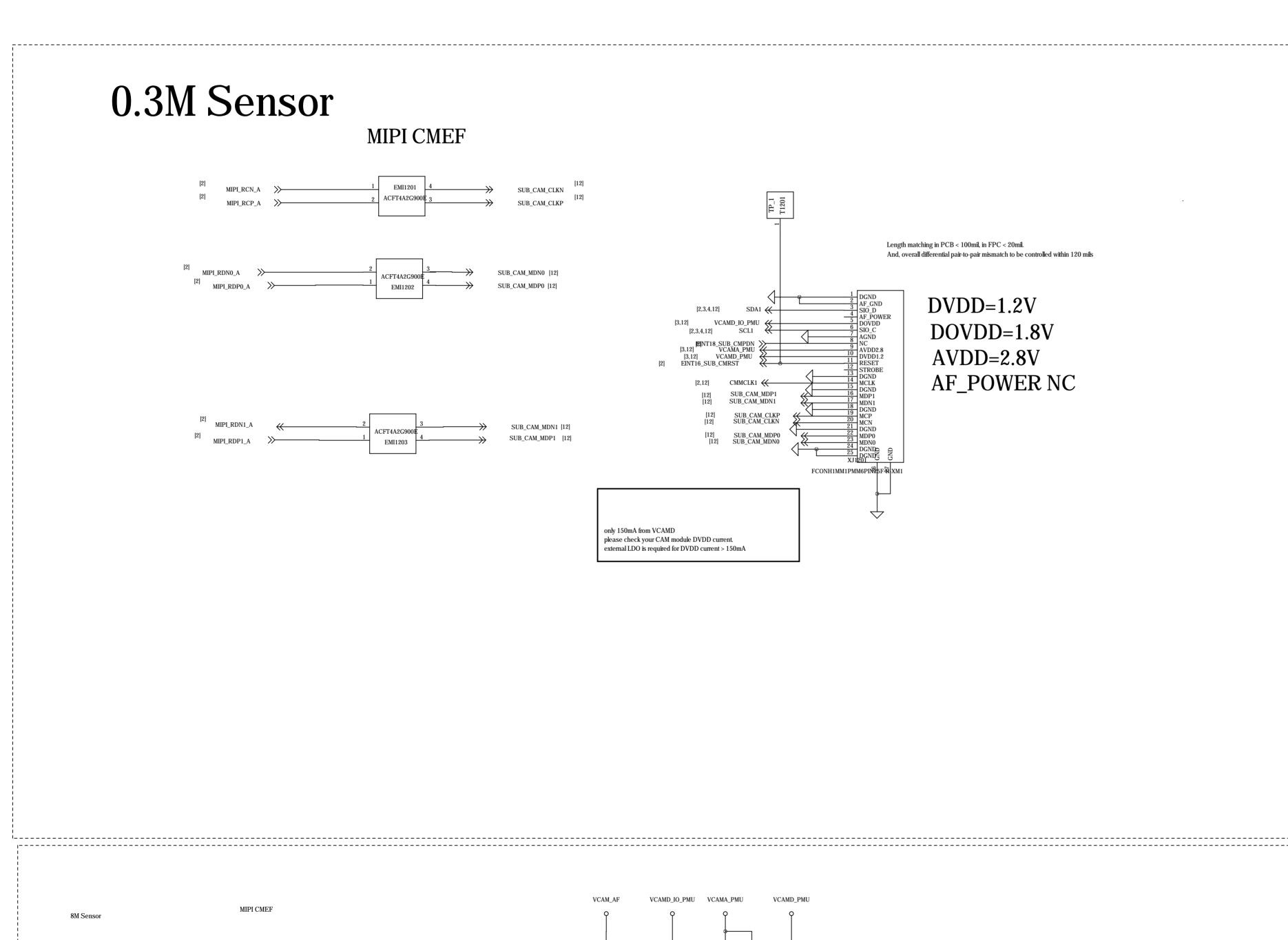


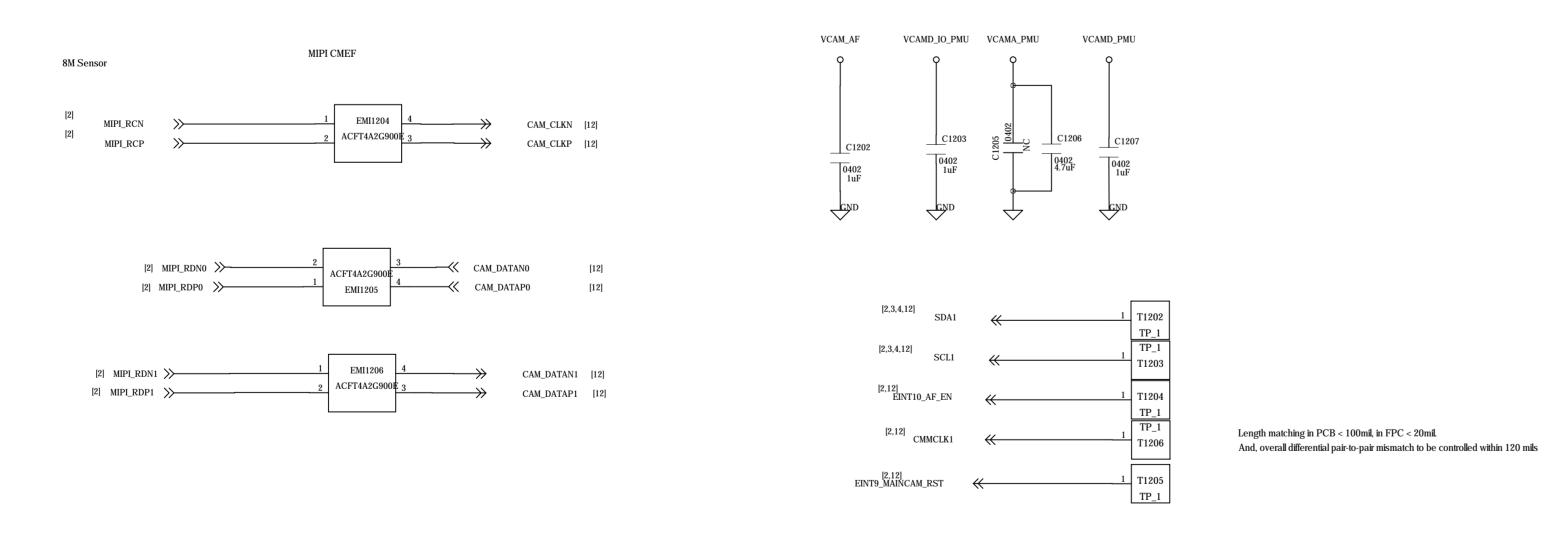
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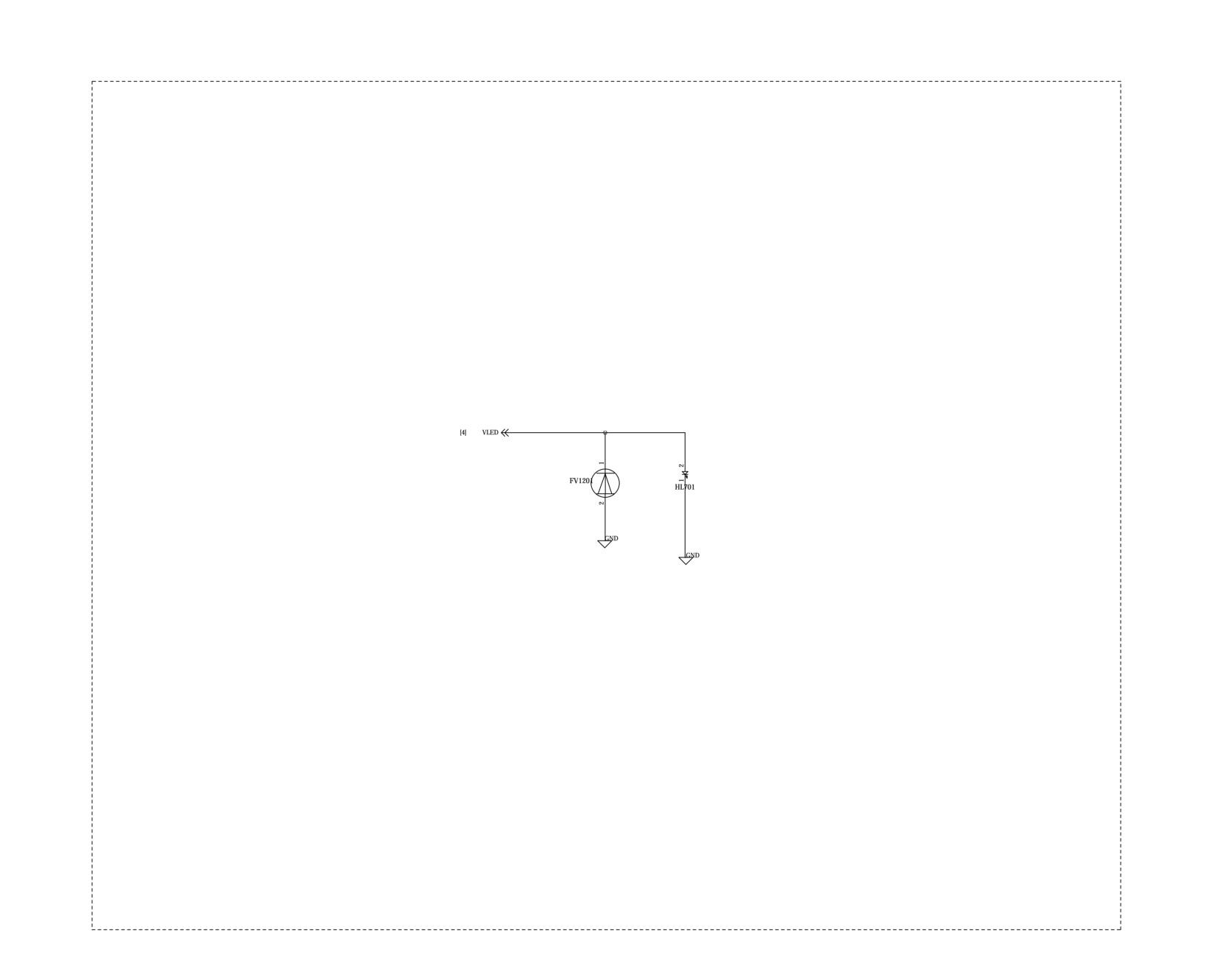


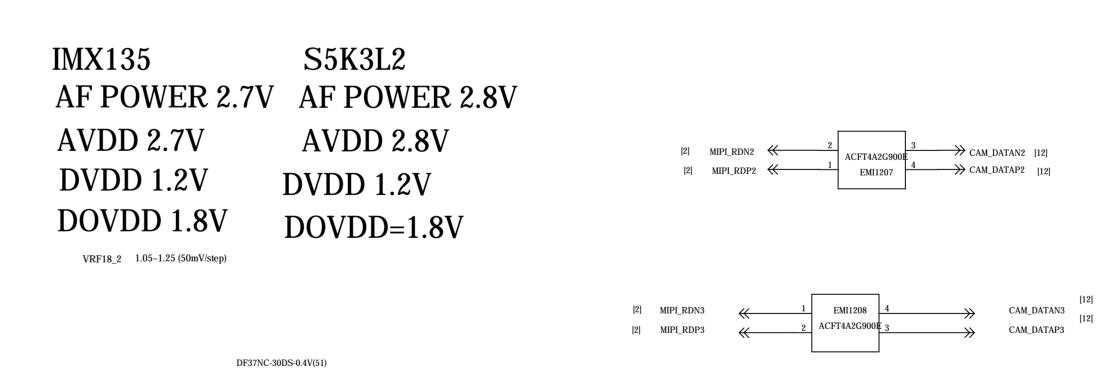


500W	1.2/1.3/1.5/1.8		1	.2/1.3/1.5/1.8	1.8/2.5/2.8/3.0	
DRIVR IC		SEN_DVDD		SEN_DOVDD	SEN_AVDD	
AR0543 NC			1.8V	2.8V		
		200mA		200mA	100mA	









[2,12] CMMCLK1			Di	37NC-30D3-0.4V(3	1)
	[12] [12] [12] [12] [12] [12] [3,12]	CAM_DATAPO CAM_DATANO CAM_DATAN1 CAM_DATAPI CAM_CLKN CAM_CLKP VCAM_AF	3 4 5 6 7 8 9 10 11 12 13 14	XJ1202	29 28 CAM_DATAP2 [12] 26 25 CAM_DATAN3 [12] 23 22 EINT10_AF_EN [2,12] 20 SDA1 [2,3,4,12] 18 CVCAMD IO PMU [3,12]