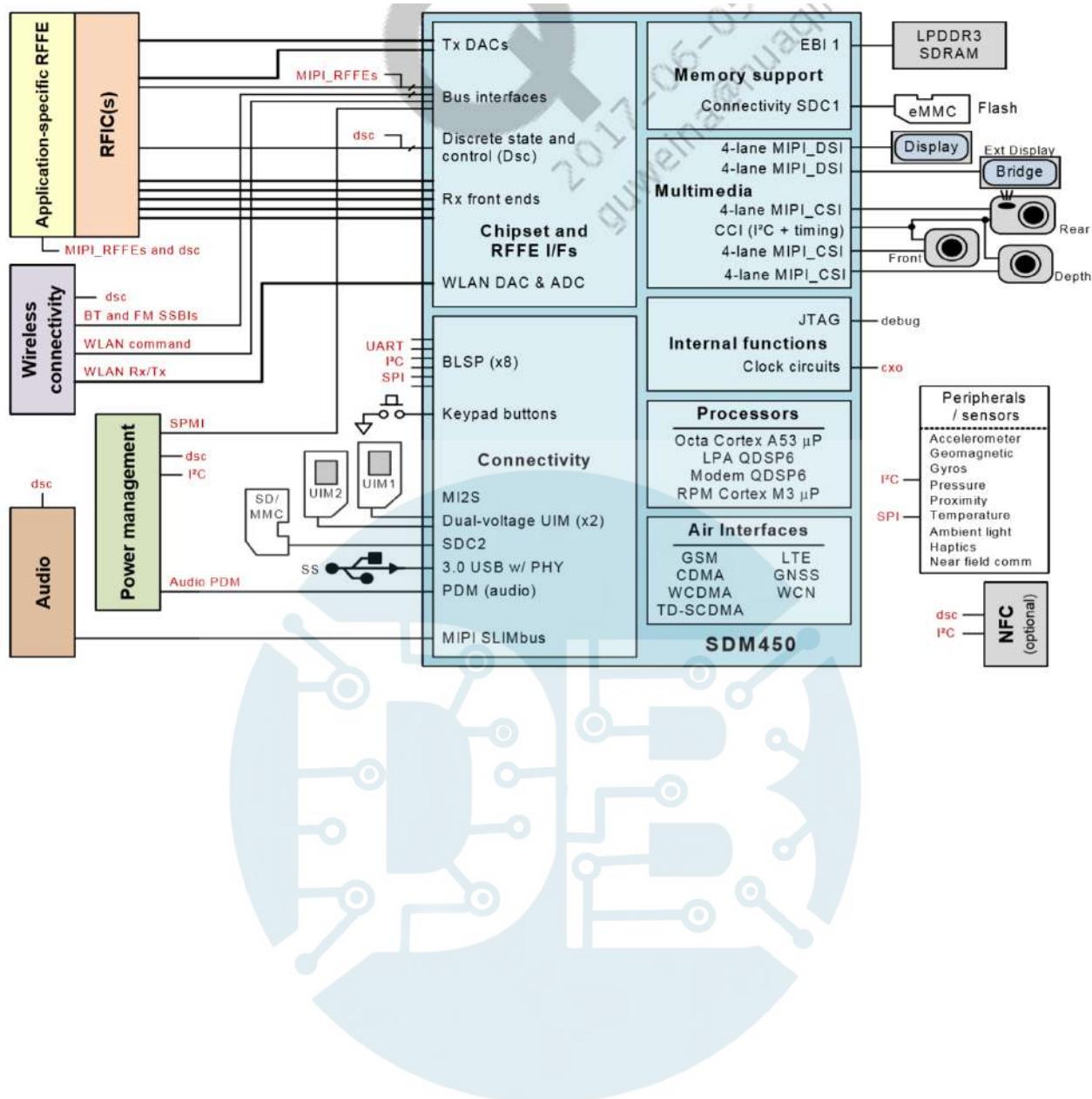
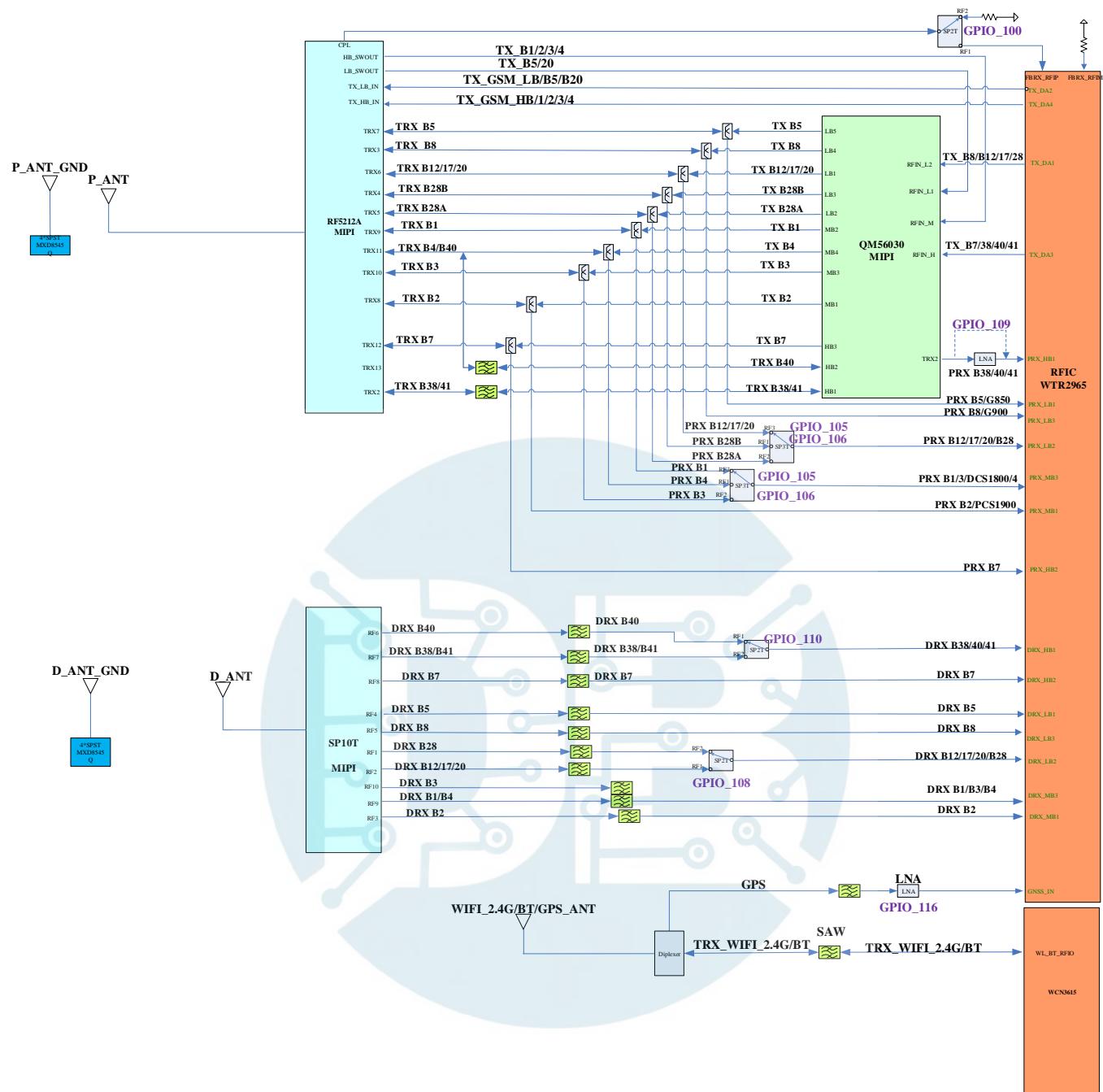


8. Level 3 Repair



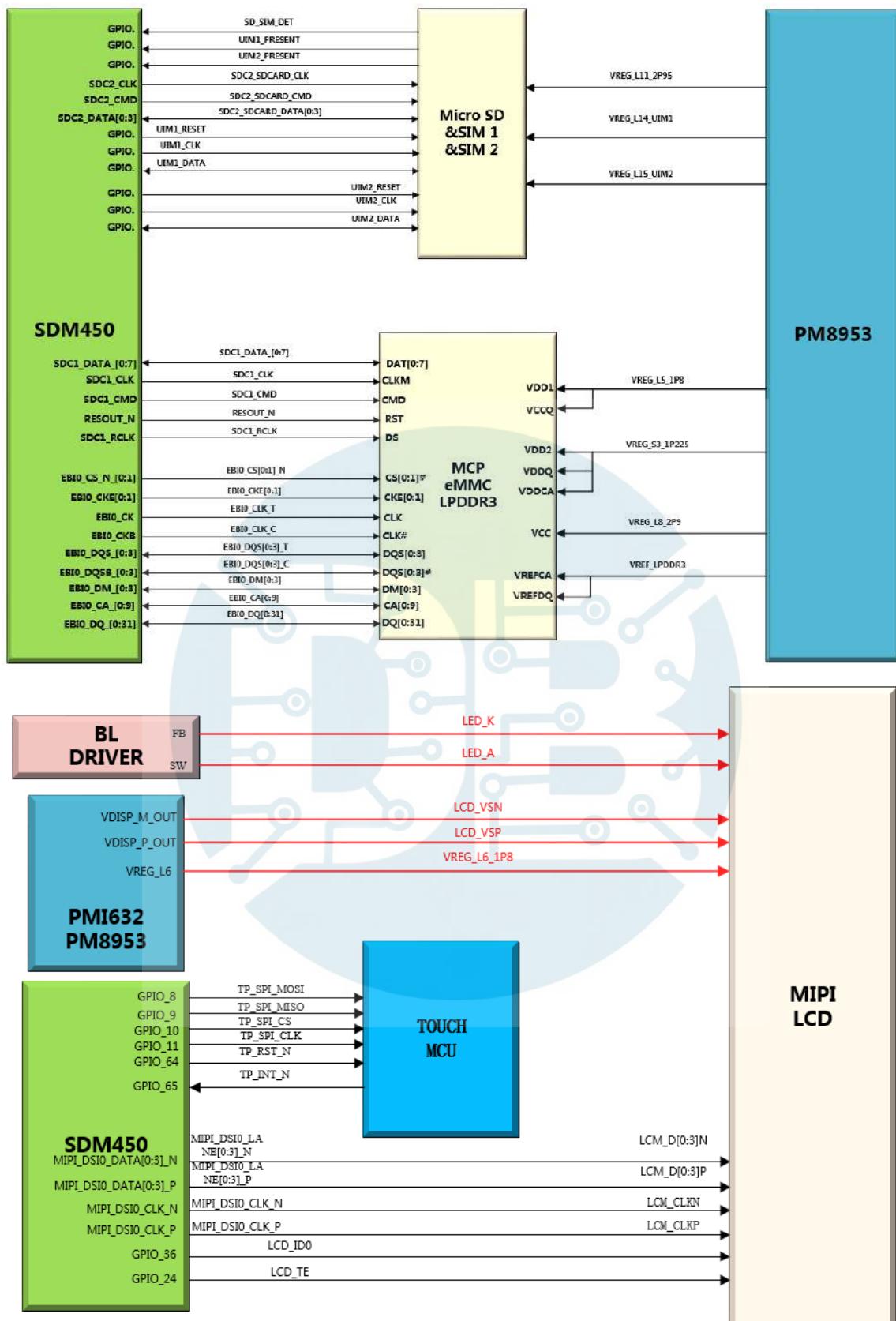
8. Level 3 Repair



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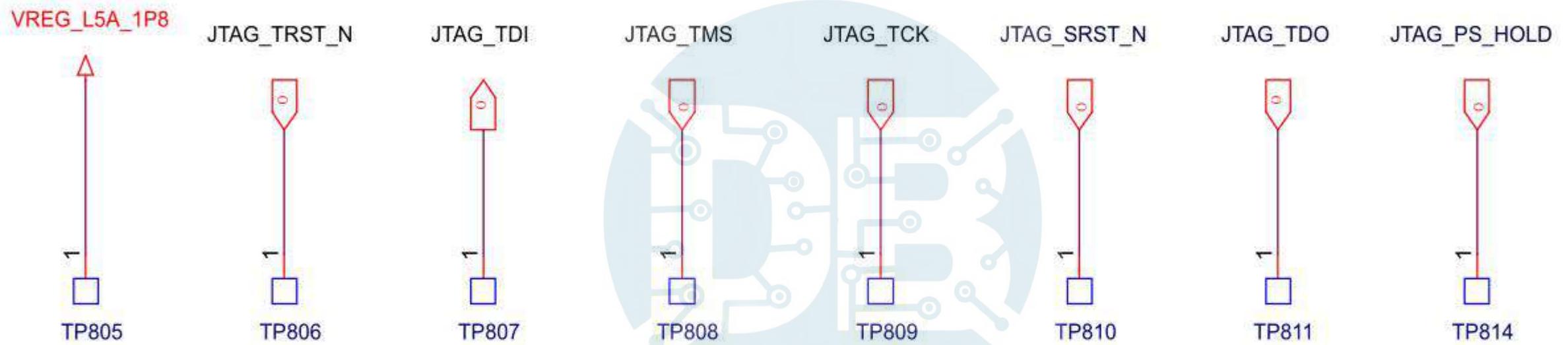
Distribution, transmission, or infringement of any content or data from this document without Samsung's written authorization is strictly prohibited.

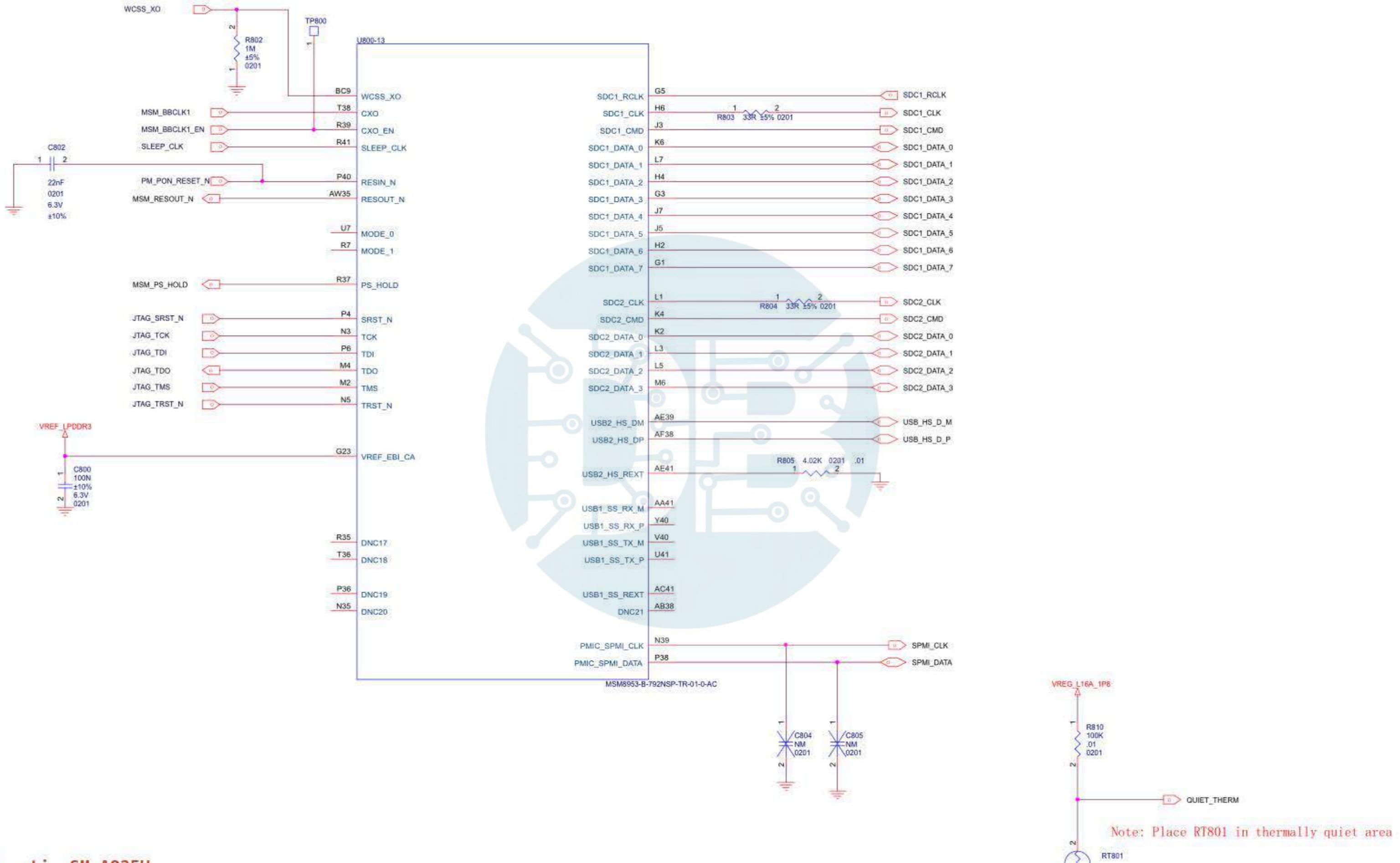
8. Level 3 Repair



Confidential and proprietary—the contents in this service guide subject to change without prior notice

Distribution, transmission, or infringement of any content or data from this document without Samsung's written authorization is strictly prohibited.

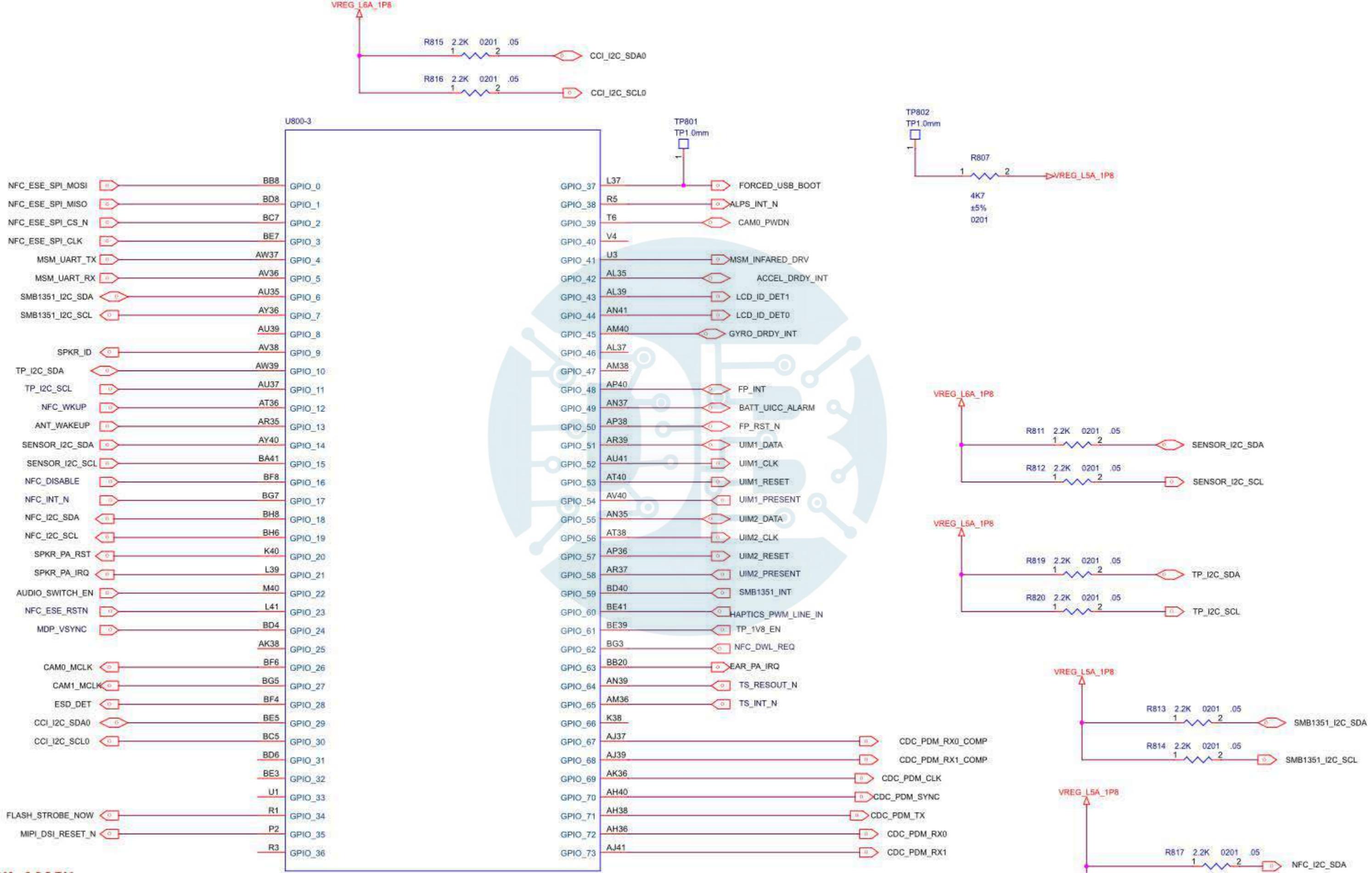




U800-2

EBI0_CS0_N	A21	EBI0_CS_N_0
EBI0_CS1_N	B18	EBI0_CS_N_1
EBI0_CLK_C	B22	EBI0_CKB
EBI0_CLK_T	A23	EBI0_CK
EBI0_CKE0	A19	EBI0_CKE_0
EBI0_CKE1	A17	EBI0_CKE_1
EBI0_DM0	E23	EBI0_DM_0
EBI0_DM1	C19	EBI0_DM_1
EBI0_DM2	A33	EBI0_DM_2
EBI0_DM3	B8	EBI0_DM_3
EBI0_DQS0_C	C25	EBI0_DQSB_0
EBI0_DQS0_T	E25	EBI0_DQS_0
EBI0_DQS1_C	E17	EBI0_DQSB_1
EBI0_DQS1_T	C17	EBI0_DQS_1
EBI0_DQS2_C	B34	EBI0_DQSB_2
EBI0_DQS2_T	A35	EBI0_DQS_2
EBI0_DQS3_C	A7	EBI0_DQSB_3
EBI0_DQS3_T	C7	EBI0_DQS_3
EBI0_CA0	B30	EBI0_CA_0
EBI0_CA1	A29	EBI0_CA_1
EBI0_CA2	A27	EBI0_CA_2
EBI0_CA3	B26	EBI0_CA_3
EBI0_CA4	A25	EBI0_CA_4
EBI0_CA5	A15	EBI0_CA_5
EBI0_CA6	B14	EBI0_CA_6
EBI0_CA7	A13	EBI0_CA_7
EBI0_CA8	A11	EBI0_CA_8
EBI0_CA9	B10	EBI0_CA_9

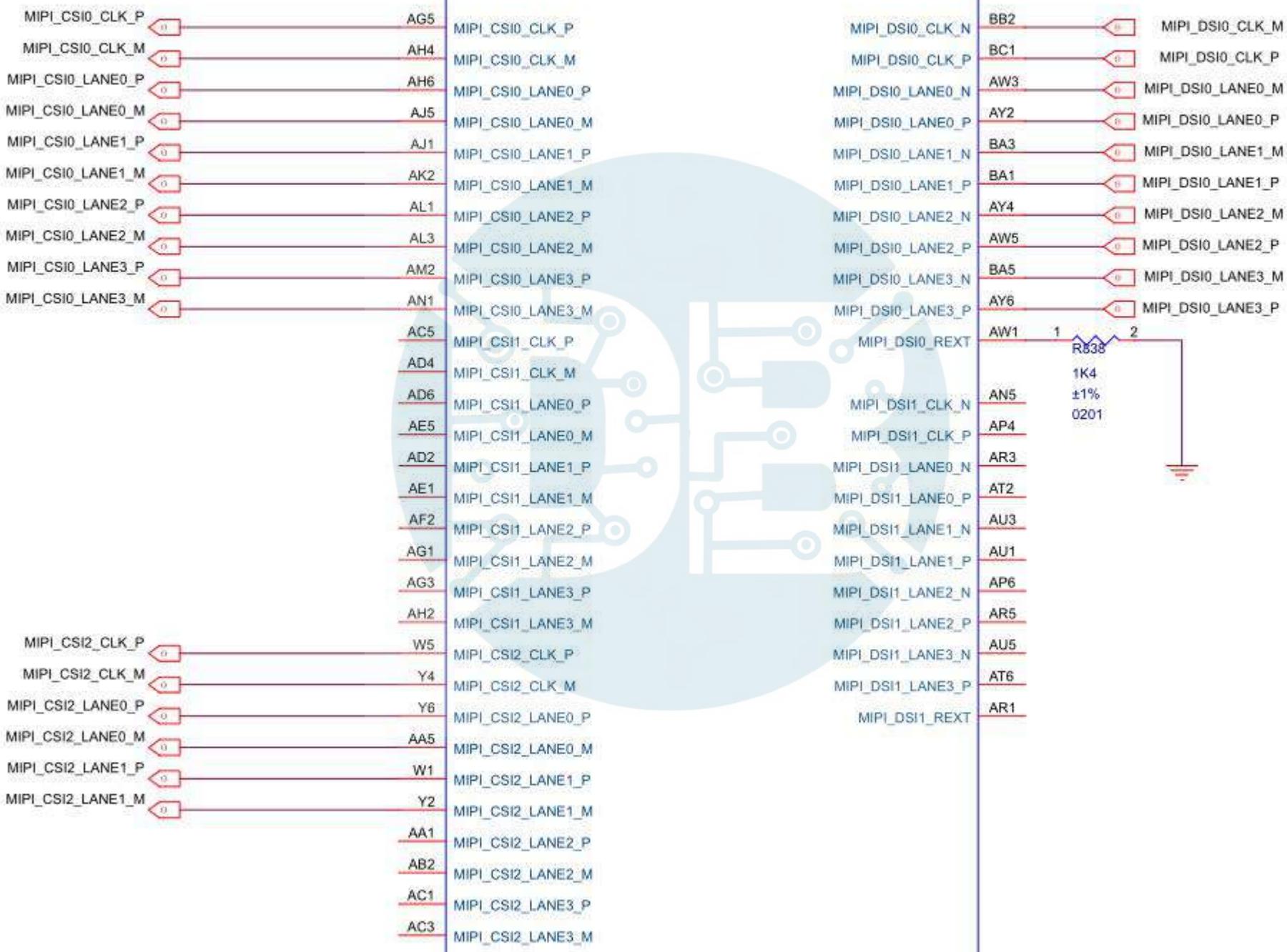
EBI0_CAL	E21	R806	VREG_S3_1P225
		240R	
		±1%	
		0201	
	E33		EBI0_DQ0
	E31		EBI0_DQ1
	C33		EBI0_DQ2
	E29		EBI0_DQ3
	C31		EBI0_DQ4
	E27		EBI0_DQ5
	C29		EBI0_DQ6
	C27		EBI0_DQ7
	E15		EBI0_DQ8
	E13		EBI0_DQ9
	C15		EBI0_DQ10
	E11		EBI0_DQ11
	C13		EBI0_DQ12
	C11		EBI0_DQ13
	E9		EBI0_DQ14
	C9		EBI0_DQ15
	A39		EBI0_DQ16
	C37		EBI0_DQ17
	A37		EBI0_DQ18
	C39		EBI0_DQ19
	E37		EBI0_DQ20
	B36		EBI0_DQ21
	E39		EBI0_DQ22
	E35		EBI0_DQ23
	C3		EBI0_DQ24
	A3		EBI0_DQ25
	C5		EBI0_DQ26
	C1		EBI0_DQ27
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	E5		EBI0_DQ29
	E3		EBI0_DQ30
	E1		EBI0_DQ31

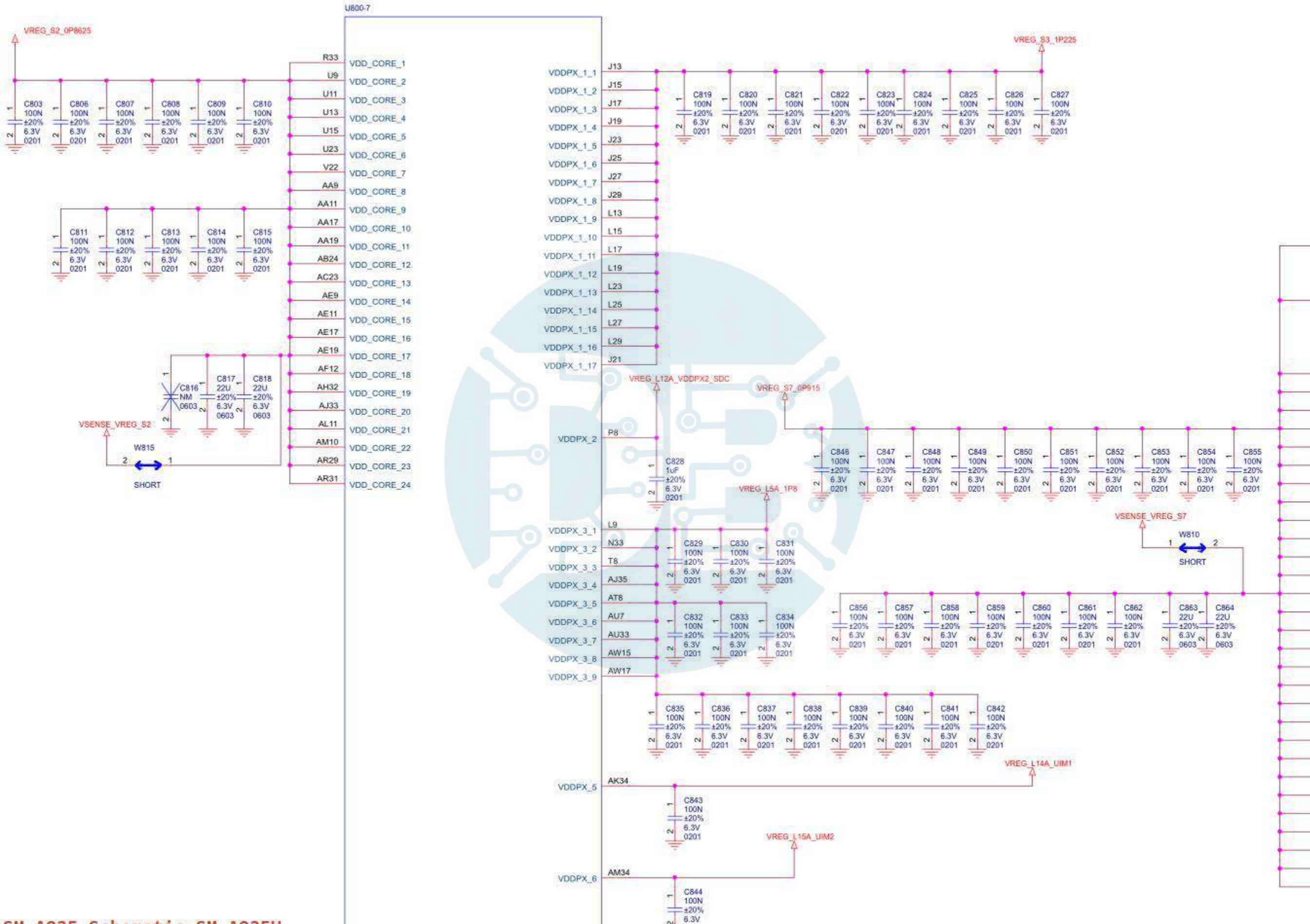


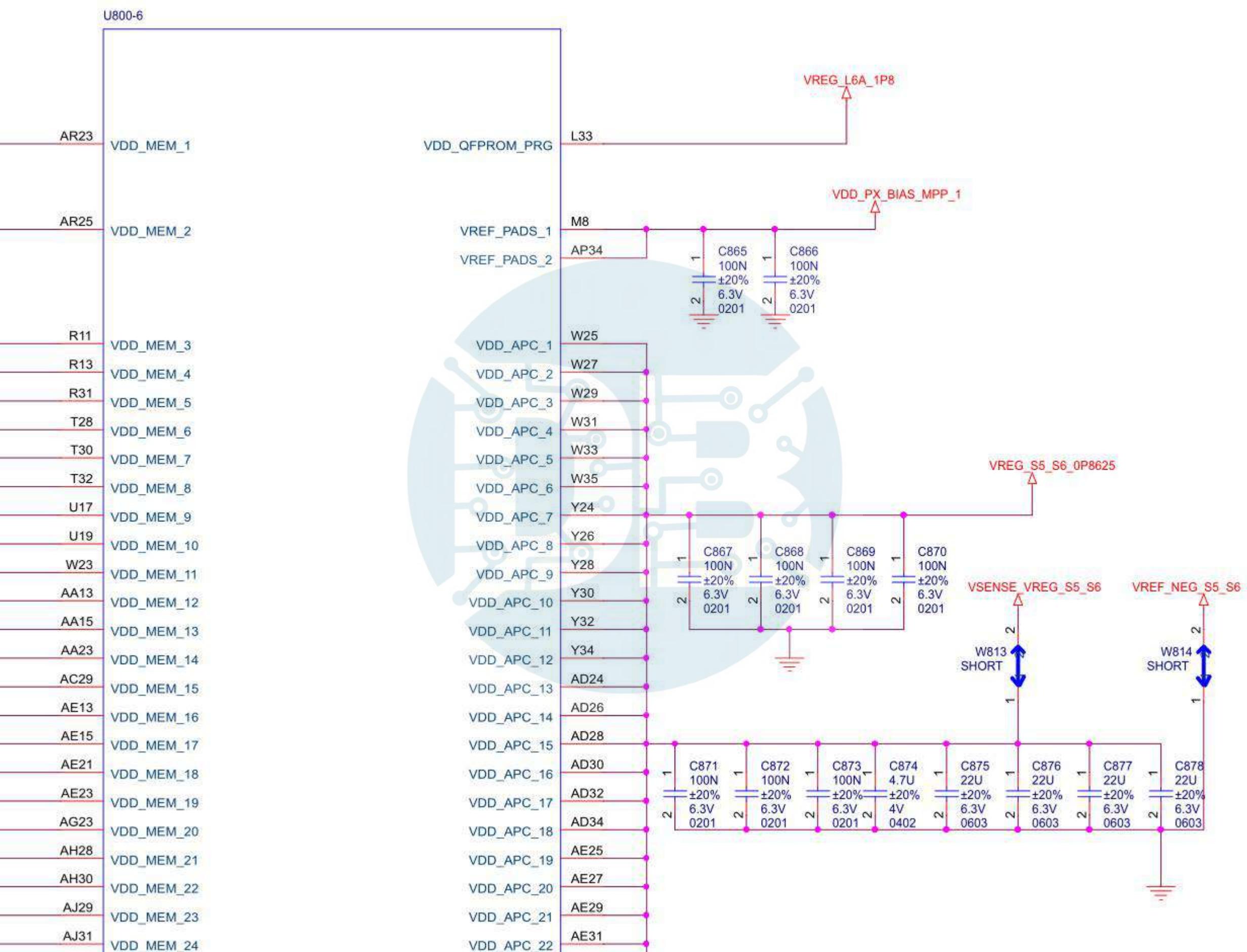
U800-4

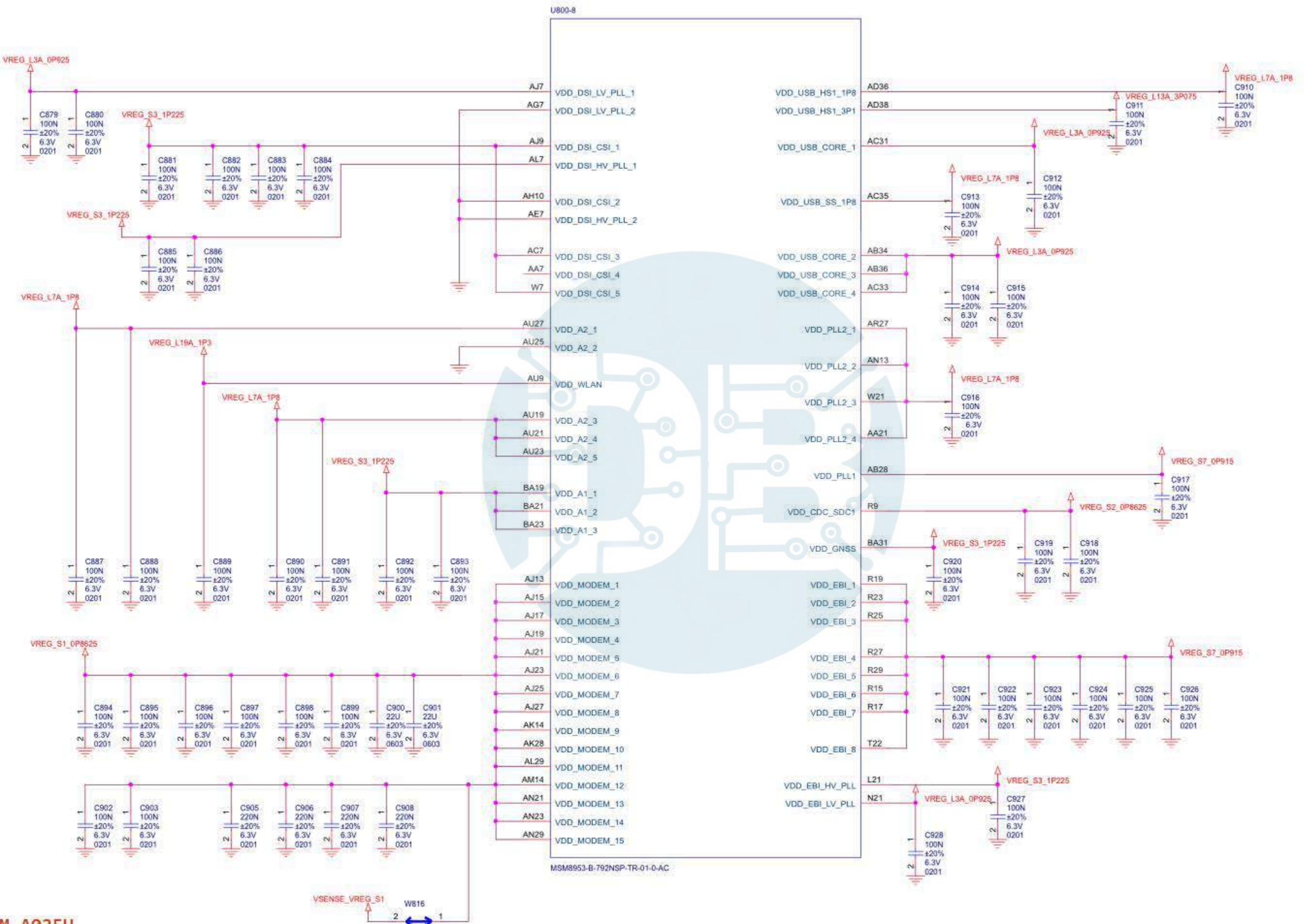
CDC_PDM_RX2	AK40	GPIO_74	BD20	
WCSS_BT_SSB1	BE9	GPIO_75	BC19	GRFC9_MSM_GPIO109
WCSS_WLAN_DATA_2	BB10	GPIO_76	BF20	GRFC10_MSM_GPIO110
WCSS_WLAN_DATA_1	BD10	GPIO_77	BH20	GRFC11_MSM_GPIO111
WCSS_WLAN_DATA_0	BC11	GPIO_78	BE19	GRFC12_MSM_GPIO112
WCSS_WLAN_SET	BF12	GPIO_79	BF40	GRFC13_MSM_GPIO113
WCSS_WLAN_CLK	BG11	GPIO_80	BG19	GRFC14_MSM_GPIO114
WCSS_FM_SSB1	BH12	GPIO_81	BB18	
WCSS_FM_SDI	BF10	GPIO_82	BF18	EXT_GPS_LNA_EN
WCSS_BT_CTRL	BE11	GPIO_83	BD18	GSM_TX_PHASE_D0_WTR0
WCSS_BT_DAT_STB	BG9	GPIO_84	BC17	RFFE1_CLK
KEY_VOLP_N	M36	GPIO_85	BE17	RFFE1_DATA
	N37	GPIO_86	BG17	RFFE2_CLK
	M38	GPIO_87	BF16	RFFE2_DATA
SPKR_I2S_DIN	G39	GPIO_88	BB16	RFFE4_CLK
	G37	GPIO_89	BD16	RFFE4_DATA
	H38	GPIO_90	BH16	RFFE5_CLK
SPKR_I2S_BCLK	H36	GPIO_91	BE15	RFFE5_DATA
SPKR_I2S_WCLK	J35	GPIO_92	BC15	
RCV_I2S_DIN	K36	GPIO_93	BB14	EAR_PA_RST
SPKR_I2S_DOUT	J37	GPIO_94	BH4	TS_PWDN
	L35	GPIO_95	BE1	CAM1_RST_N
INFARED_SPI_MOSI	E41	GPIO_96	BF2	CAM1_STANDBY_N
	G41	GPIO_97	V6	
	H40	GPIO_98	GPIO_131	
	J39	GPIO_99	U5	
GRFC0_MSM_GPIO100	BG15	GPIO_100	T4	SD_CARD_DET_N
GRFC1_MSM_GPIO101	BD14	GPIO_101	T2	
GRFC2_MSM_GPIO102	BF14	GPIO_102	GPIO_134	
GRFC3_MSM_GPIO103	BG13	GPIO_103	BA39	FP_SPI_SCLK
GRFC4_MSM_GPIO104	BC13	GPIO_104	GPIO_135	FP_SPI_CS_N
GRFC5_MSM_GPIO105	BE13	GPIO_105	BB40	FP_SPI_MOSI
GRFC6_MSM_GPIO106	BB12	GPIO_106	GPIO_136	FP_SPI_MISO
GRFC7_MSM_GPIO107	BD12	GPIO_107	BA37	FP_PWDN
			AY38	
			BB38	
			BC39	HALL_INTR1
			BC41	NFC_ESE_PWR_REQ

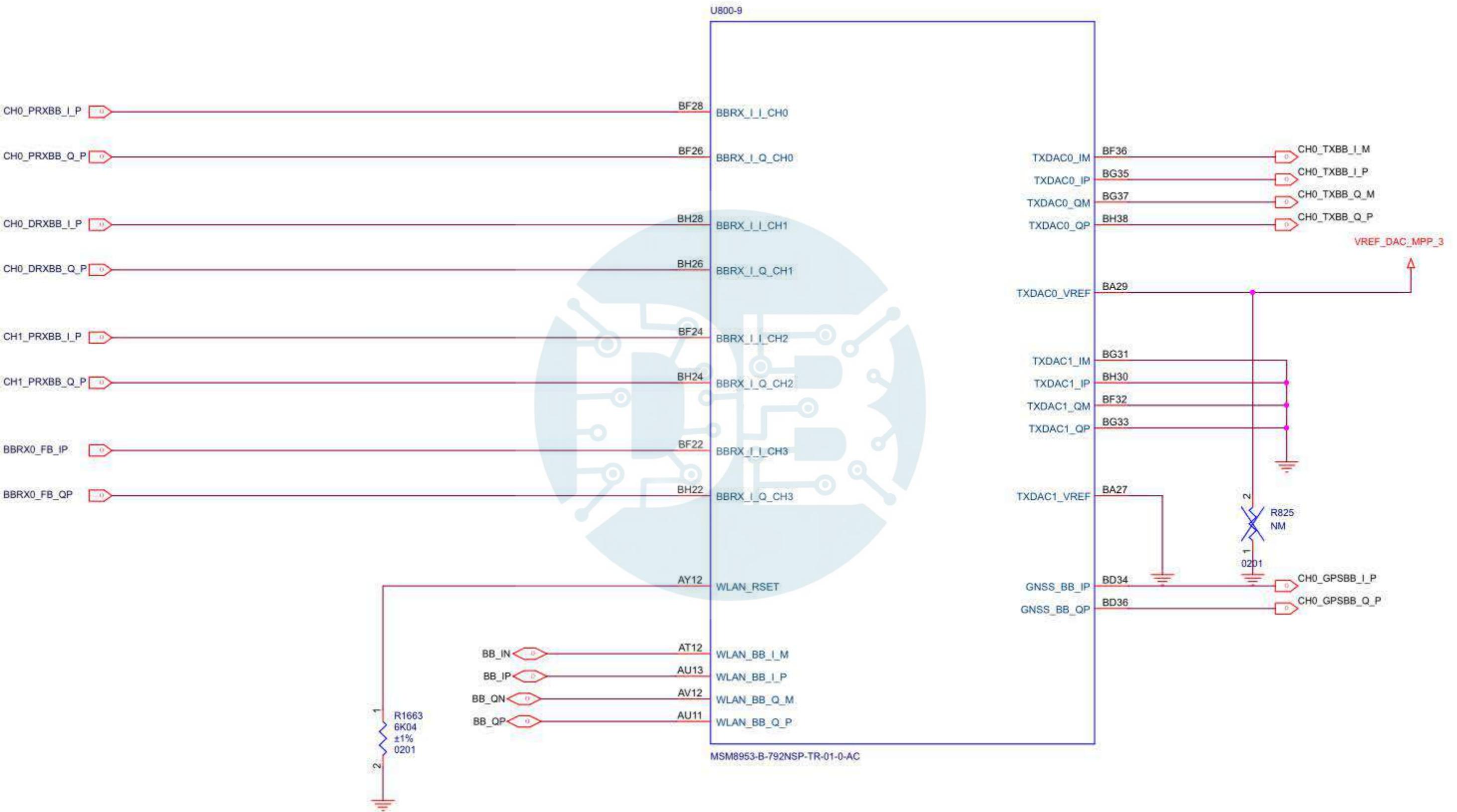
U800-5

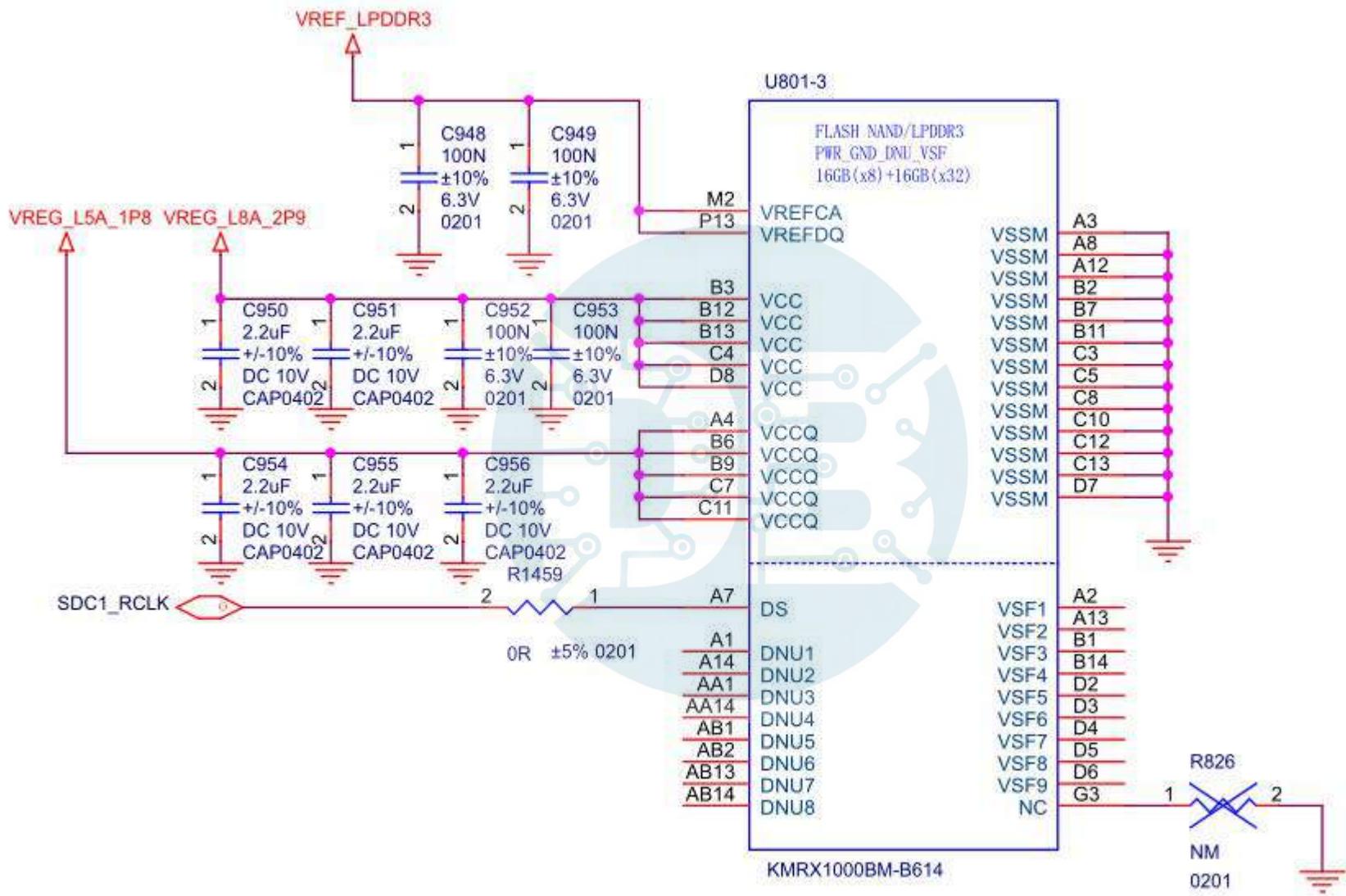


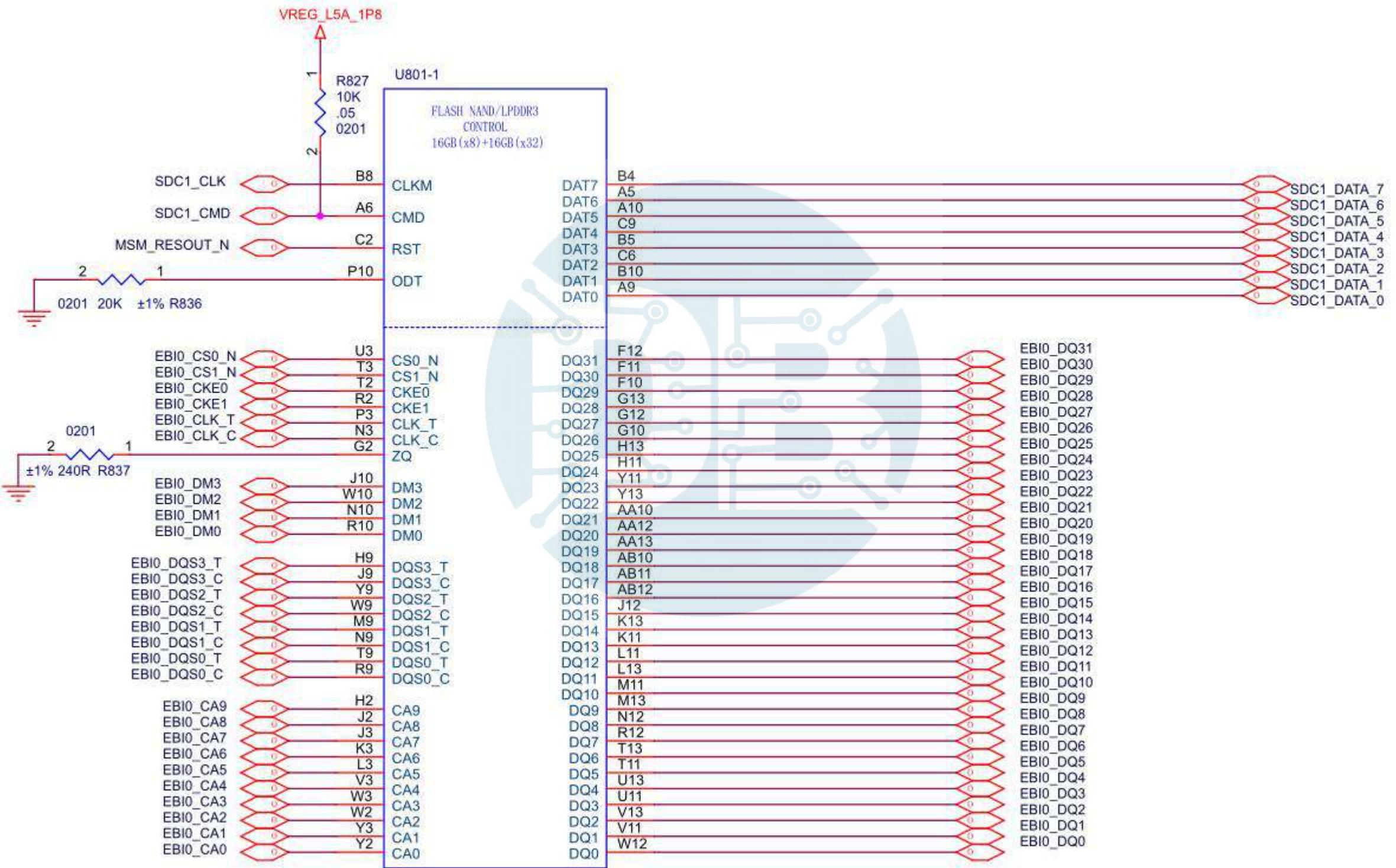


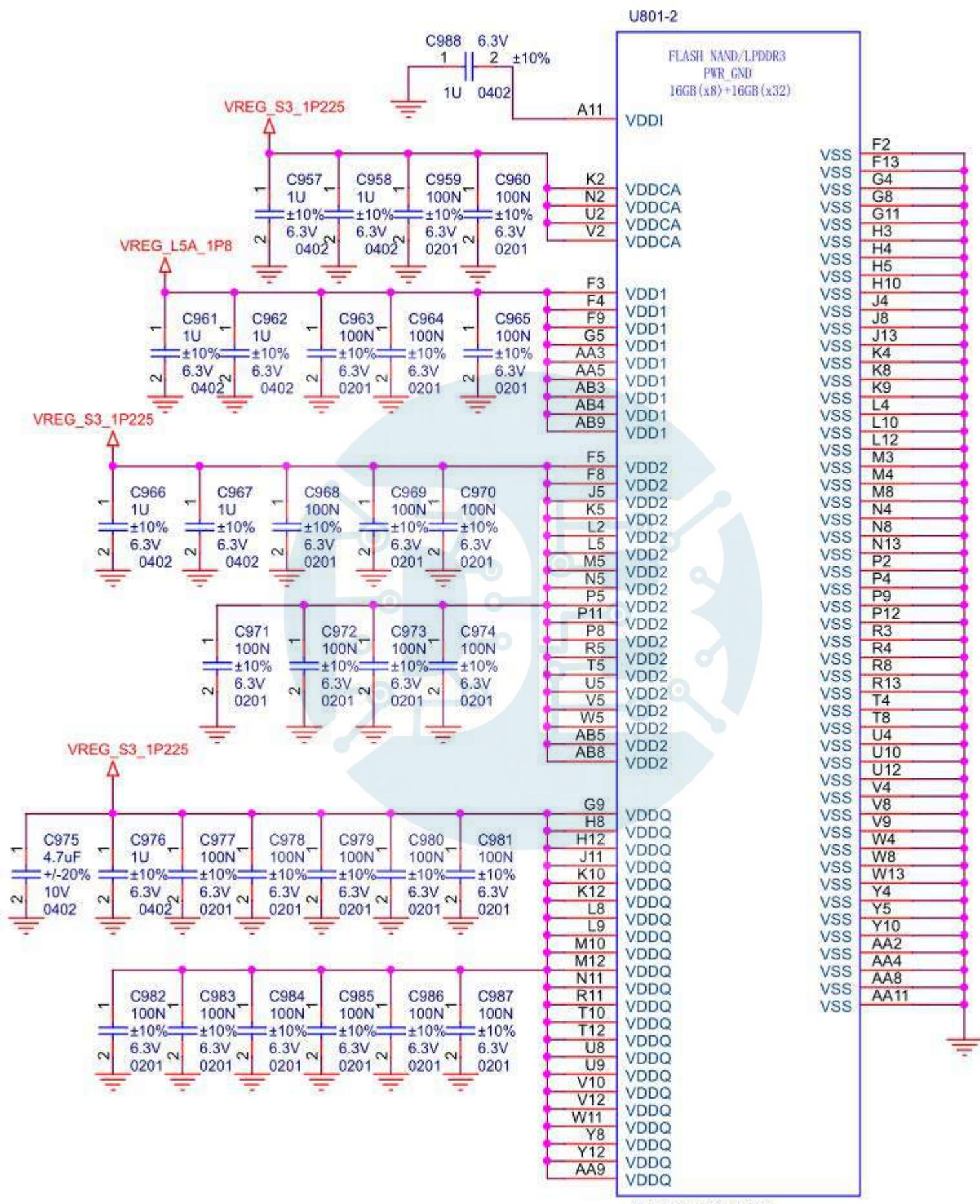


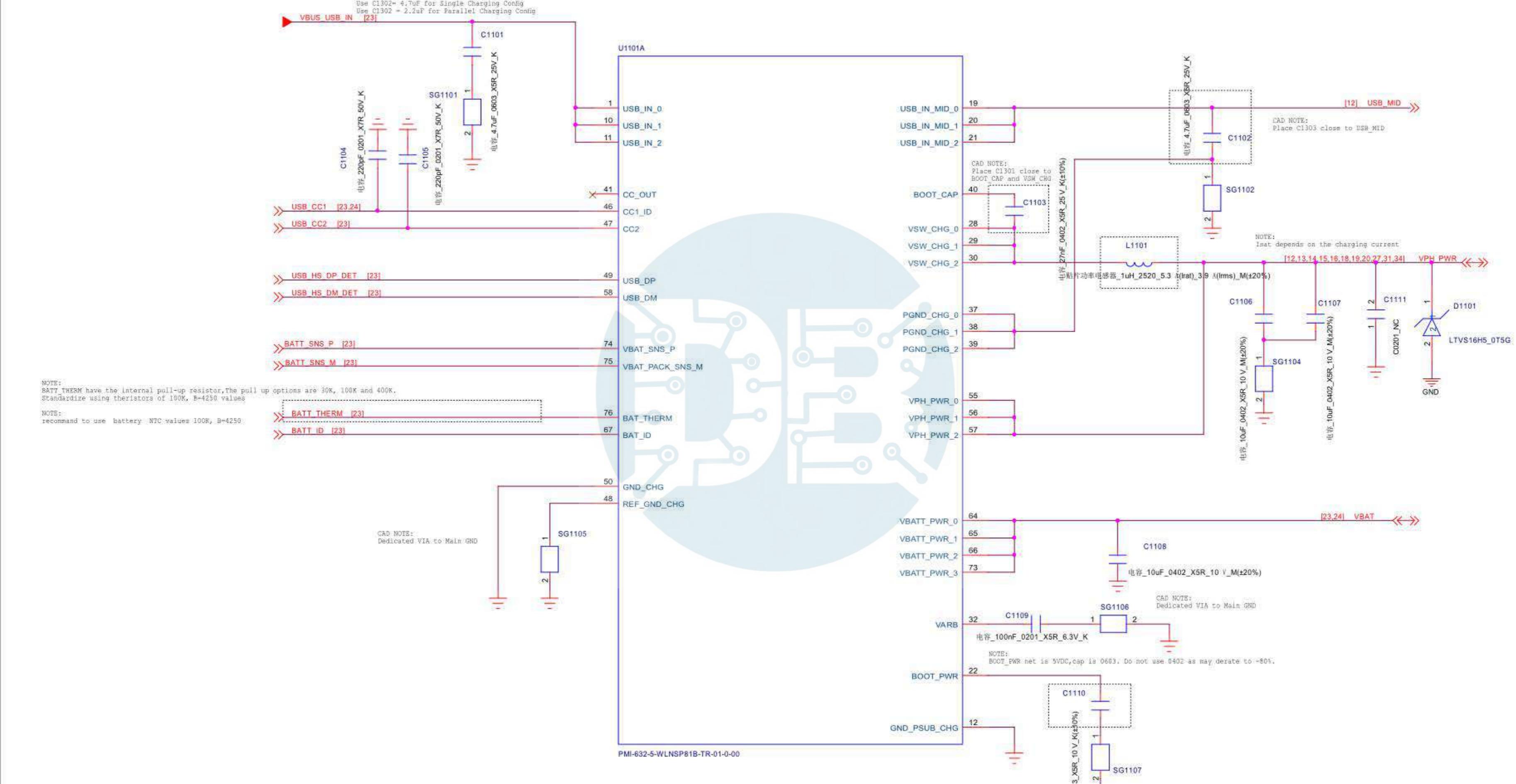


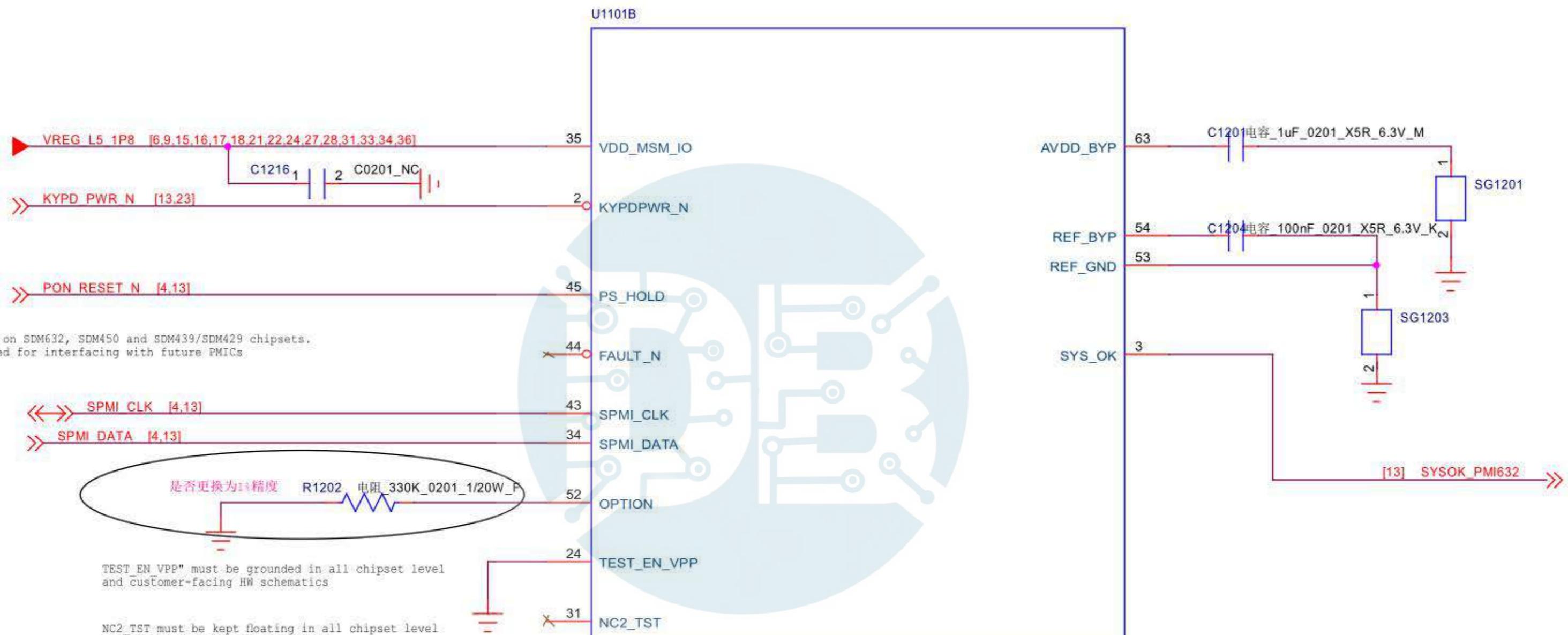




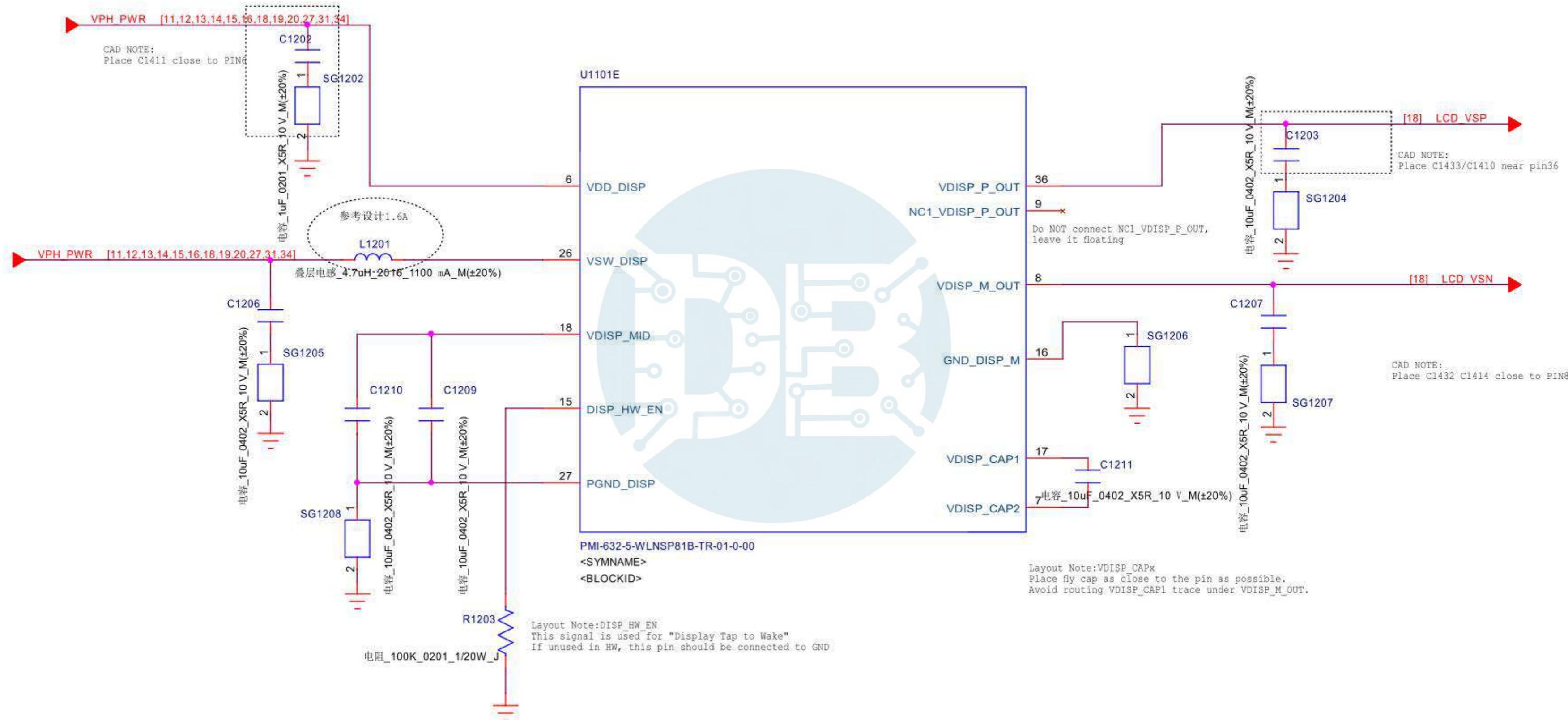


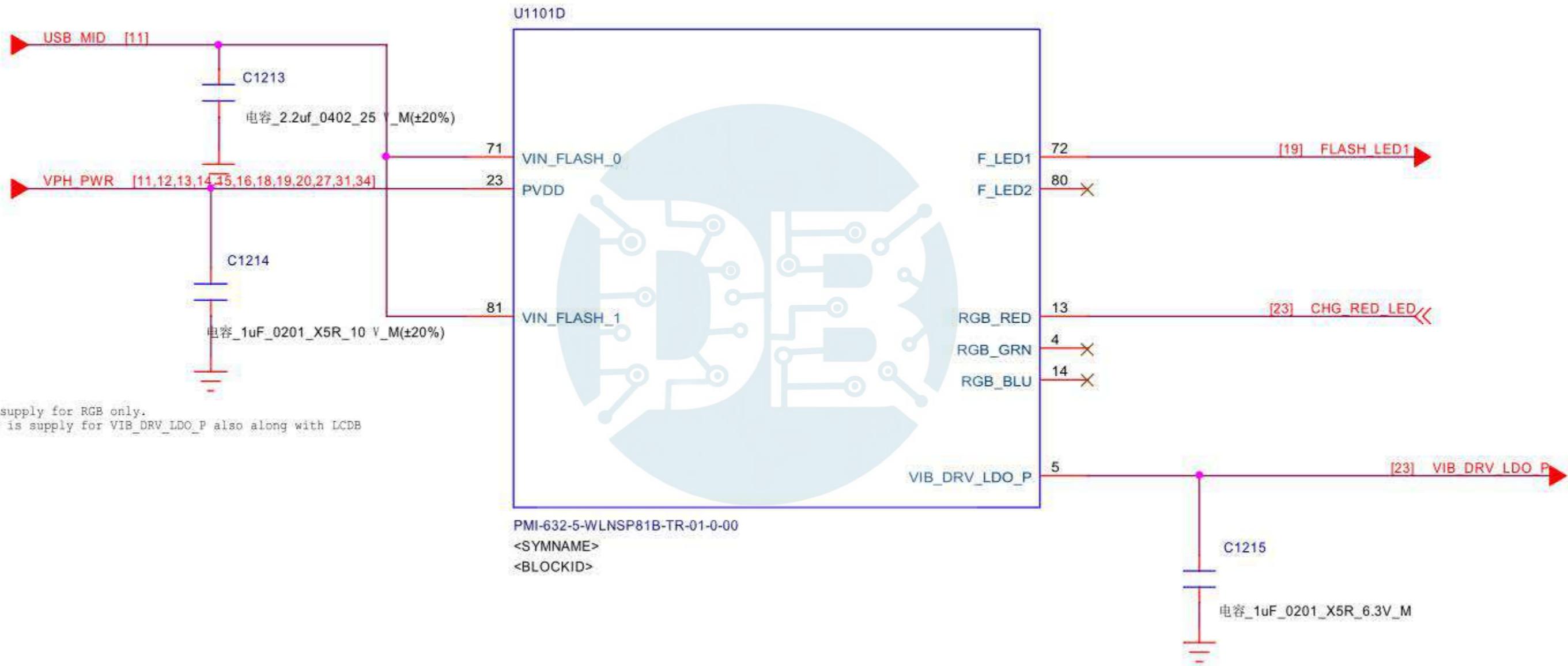


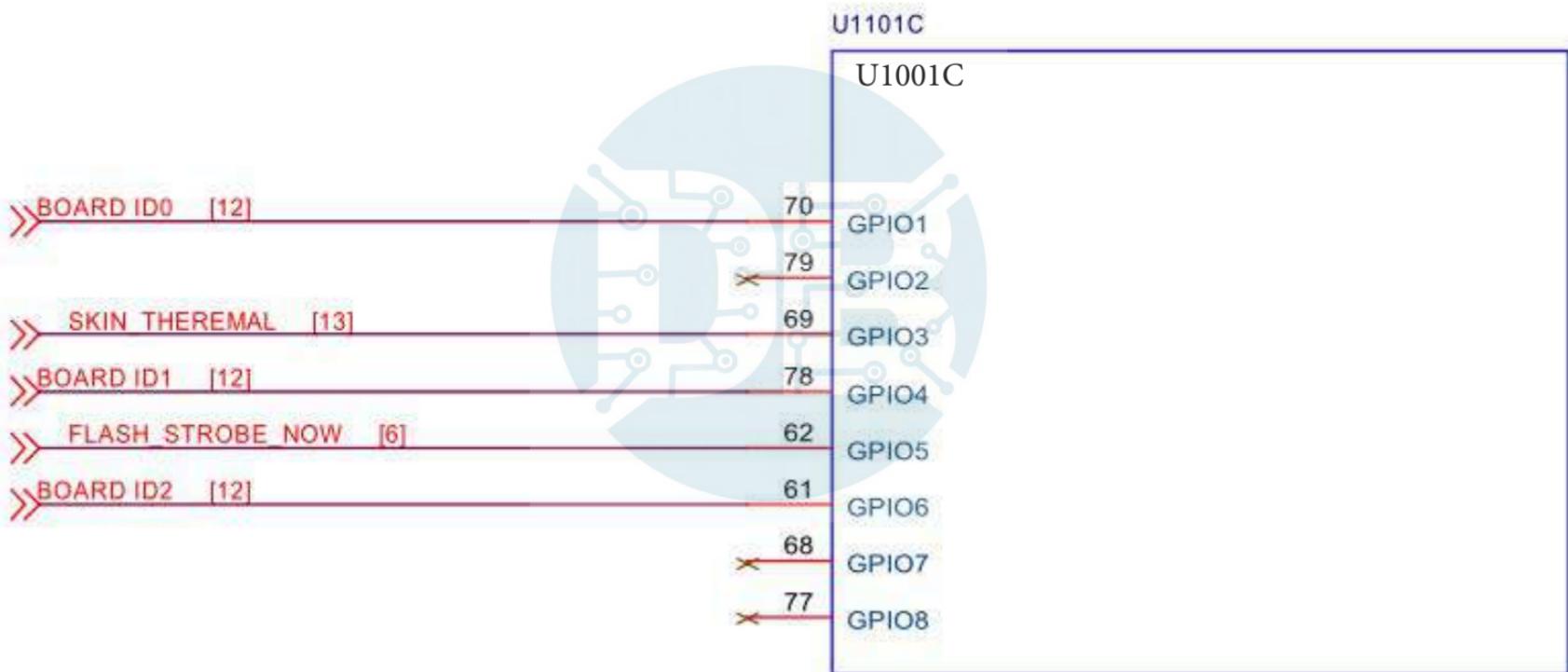




PON Configuration (OPTION PIN)	PD Resistance
SPMI, uUSB	1K
I2C, uUSB	22K
I2C, TypeC	510K
SPMI, TypeC	1M



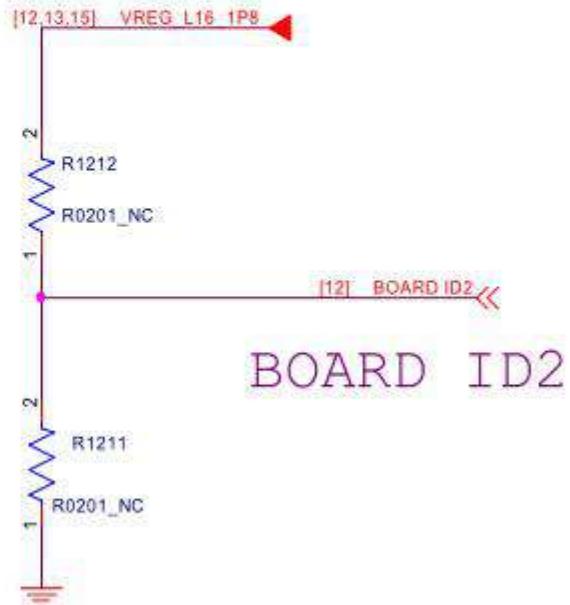
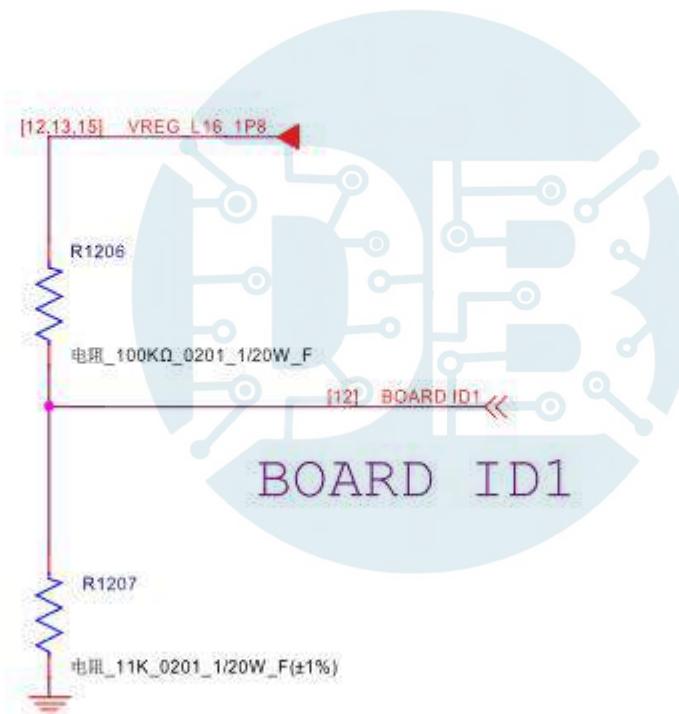
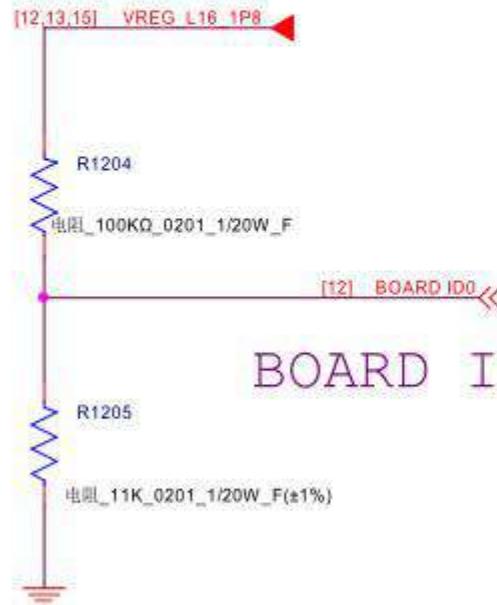


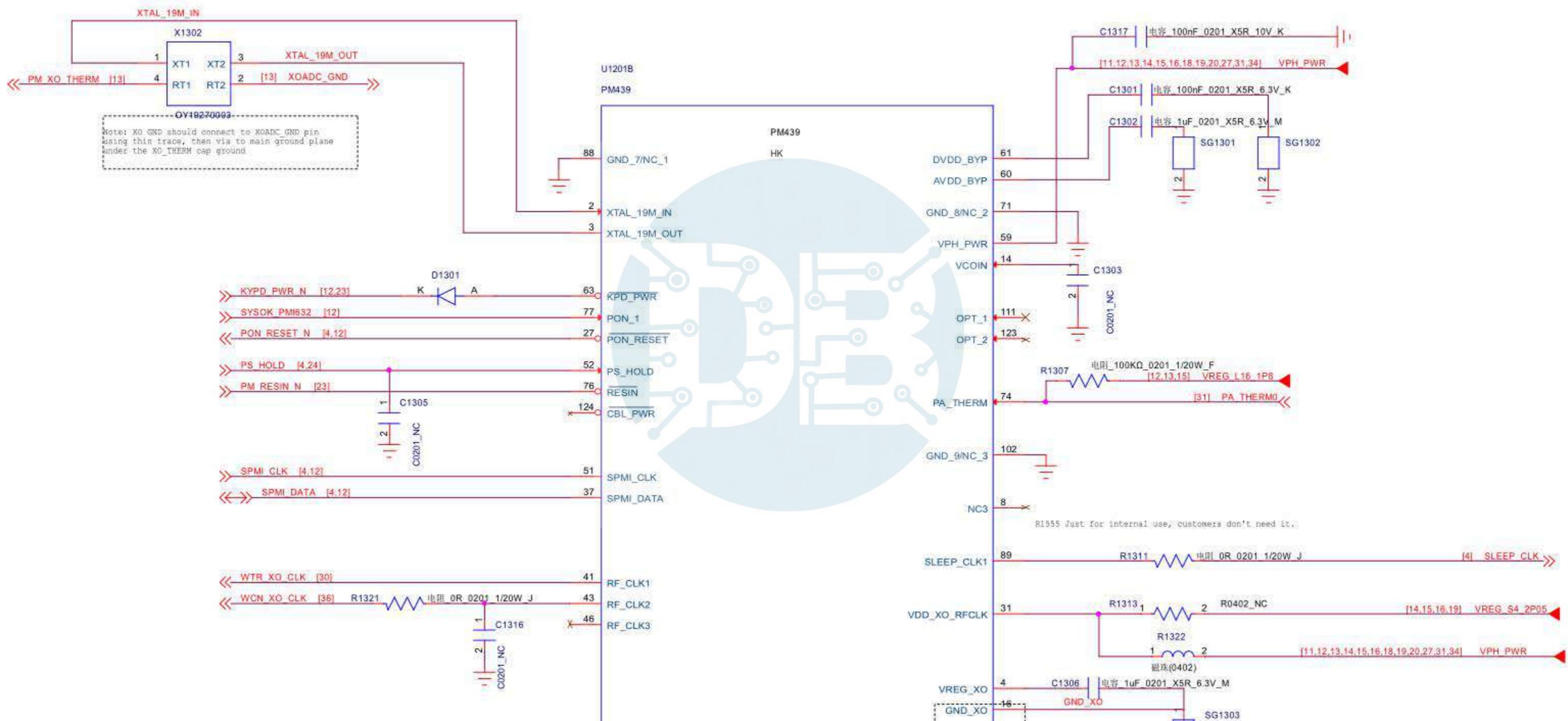


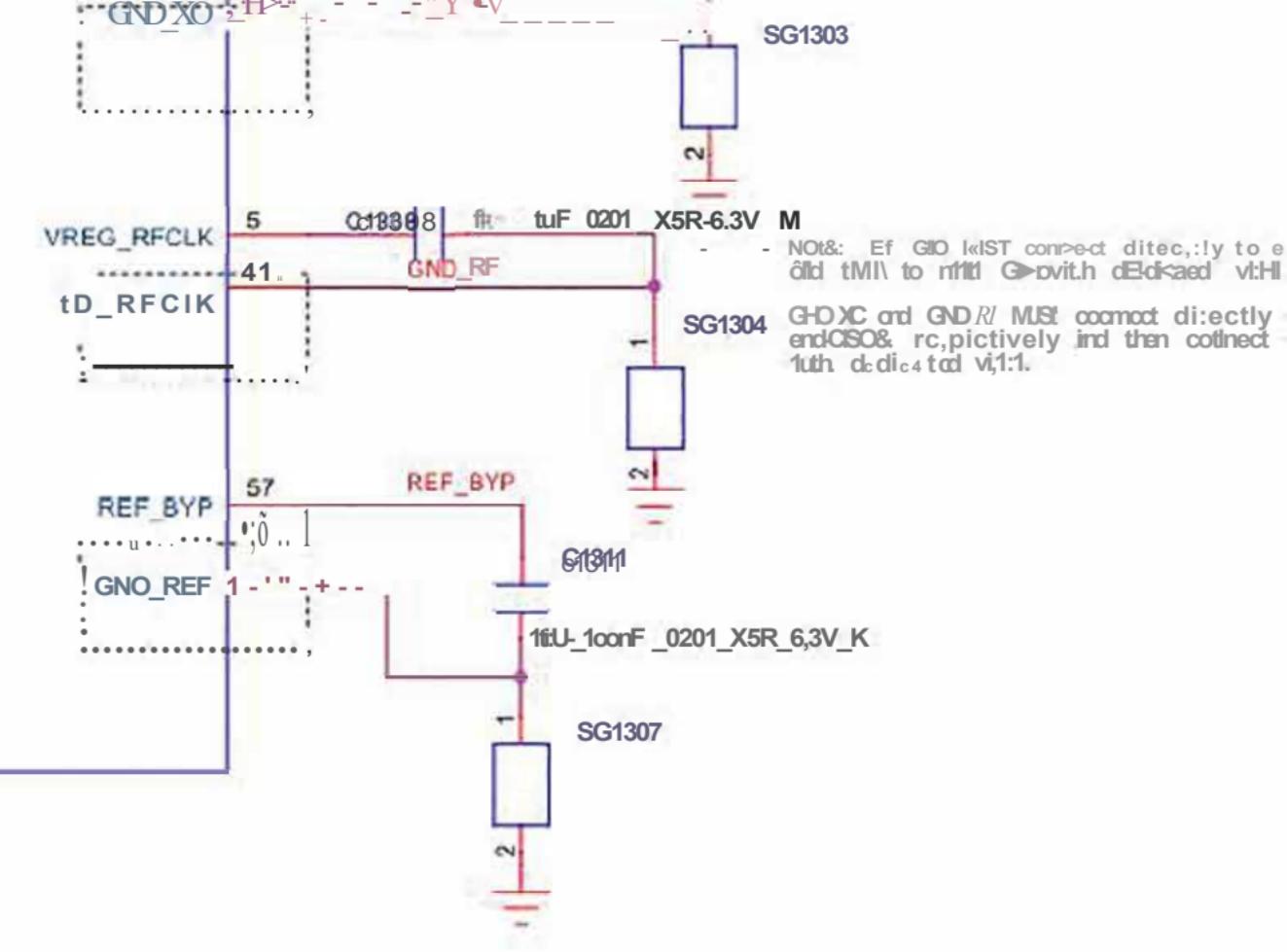
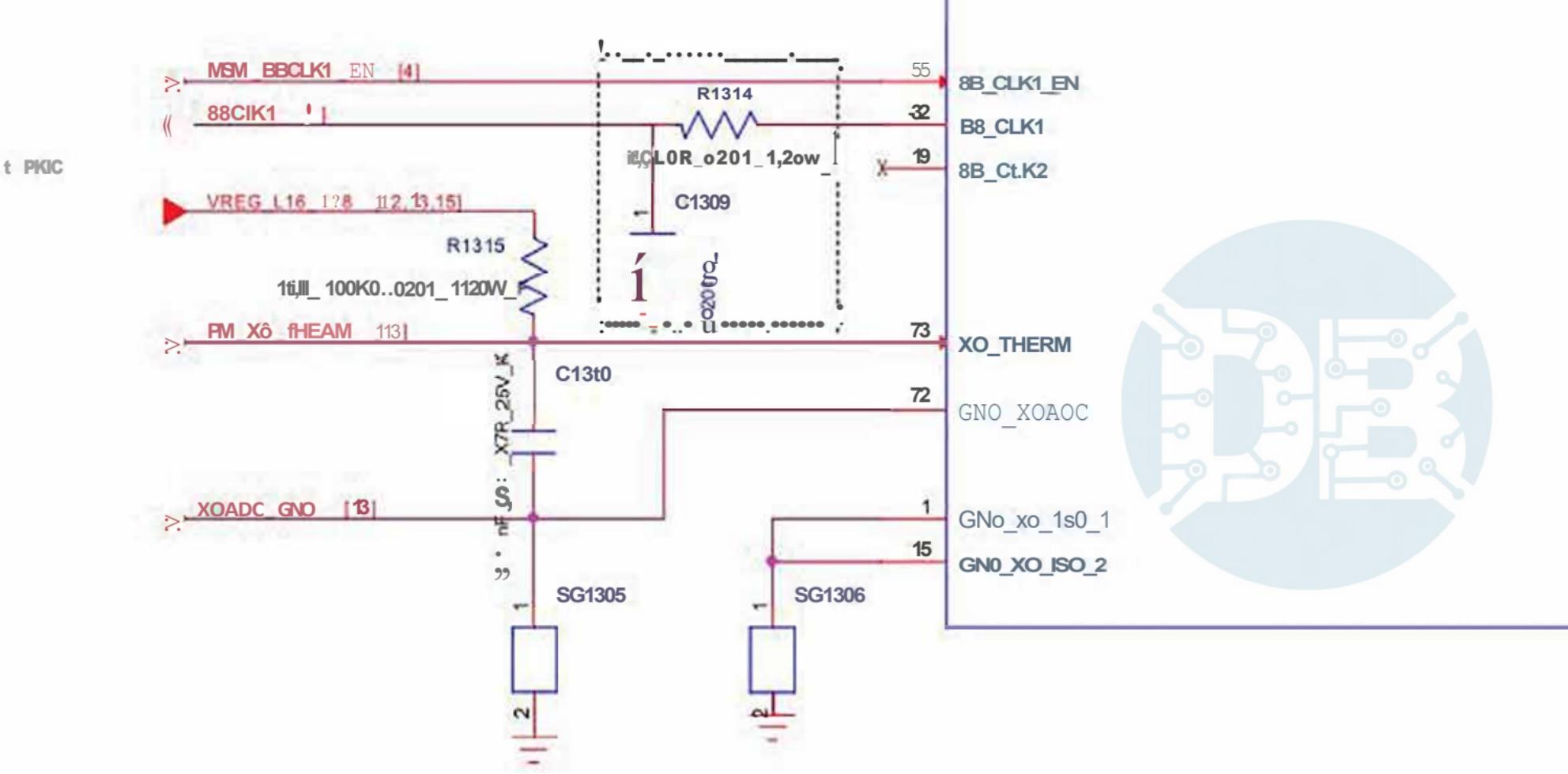
BOARD ID0用于项目区分

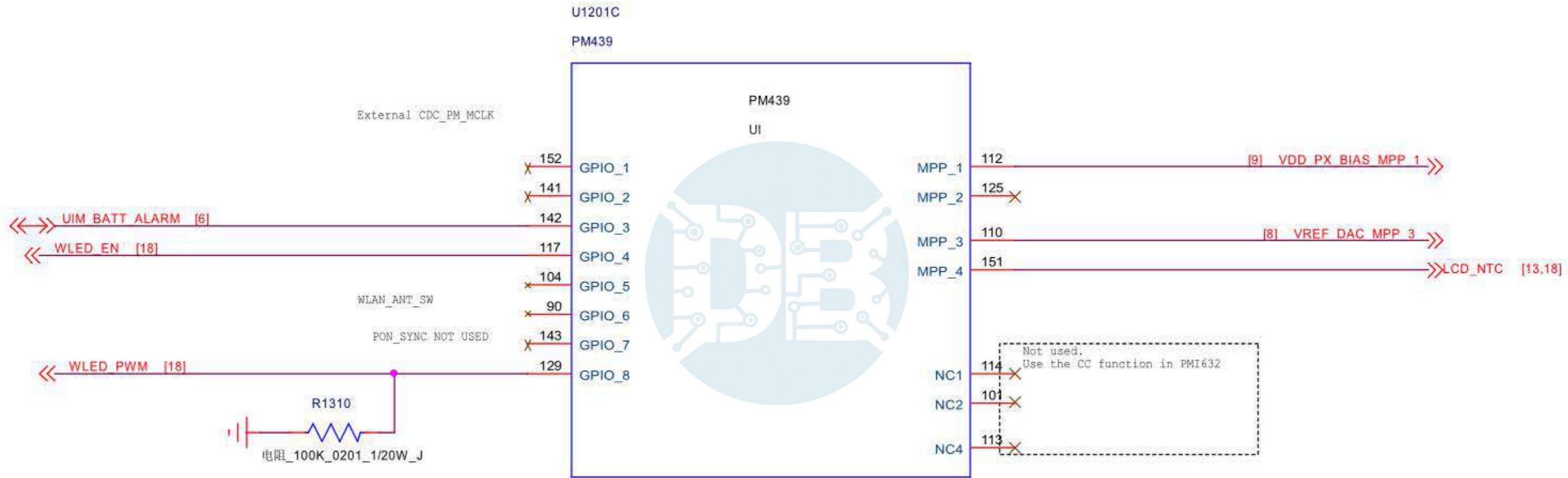
BOARD ID1用于配置区分

BOARD ID2暂未使用



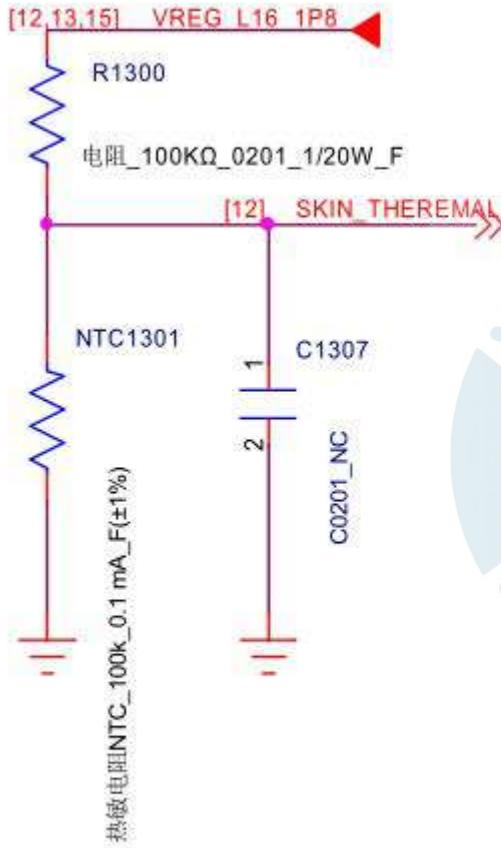


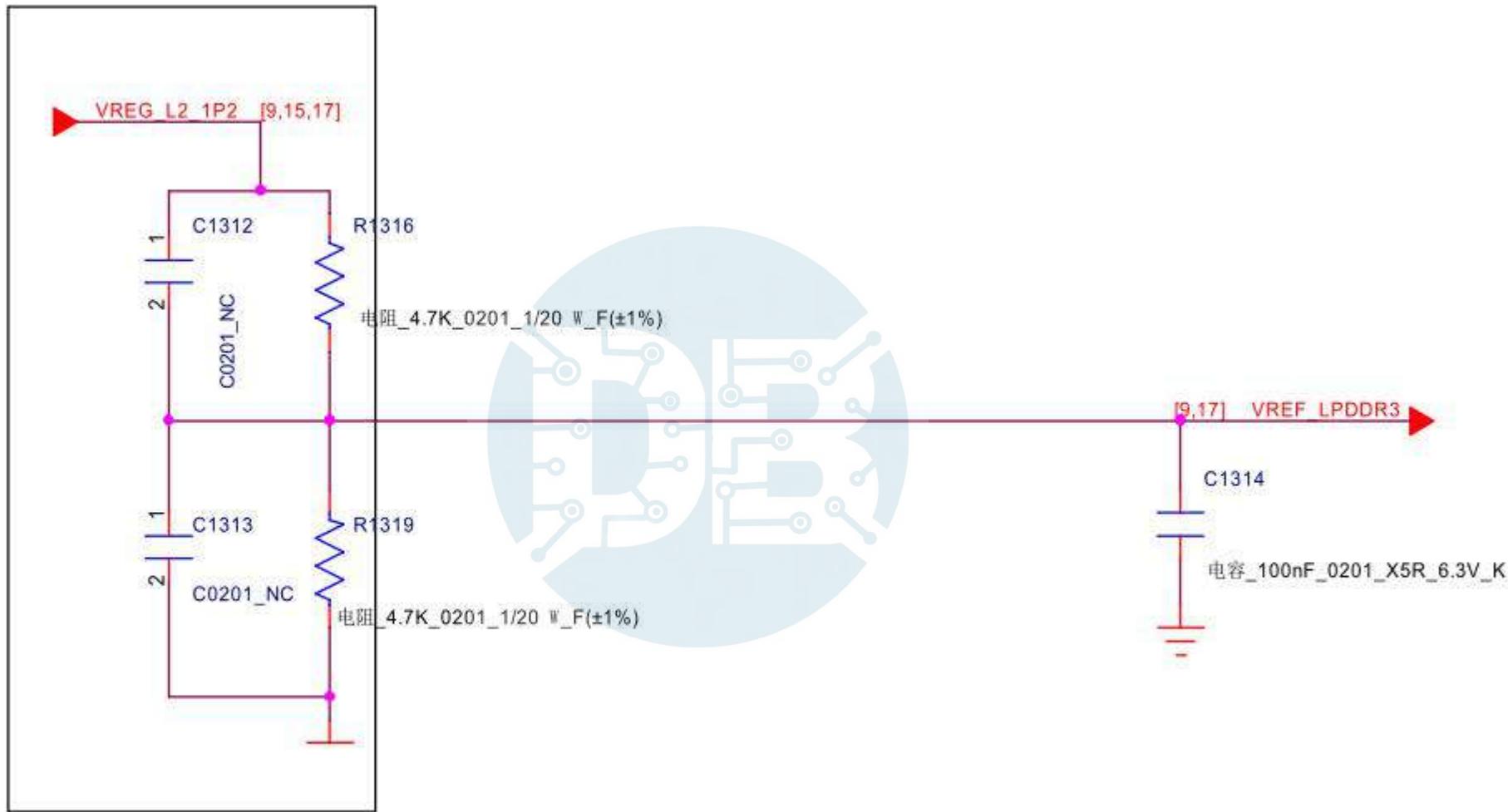


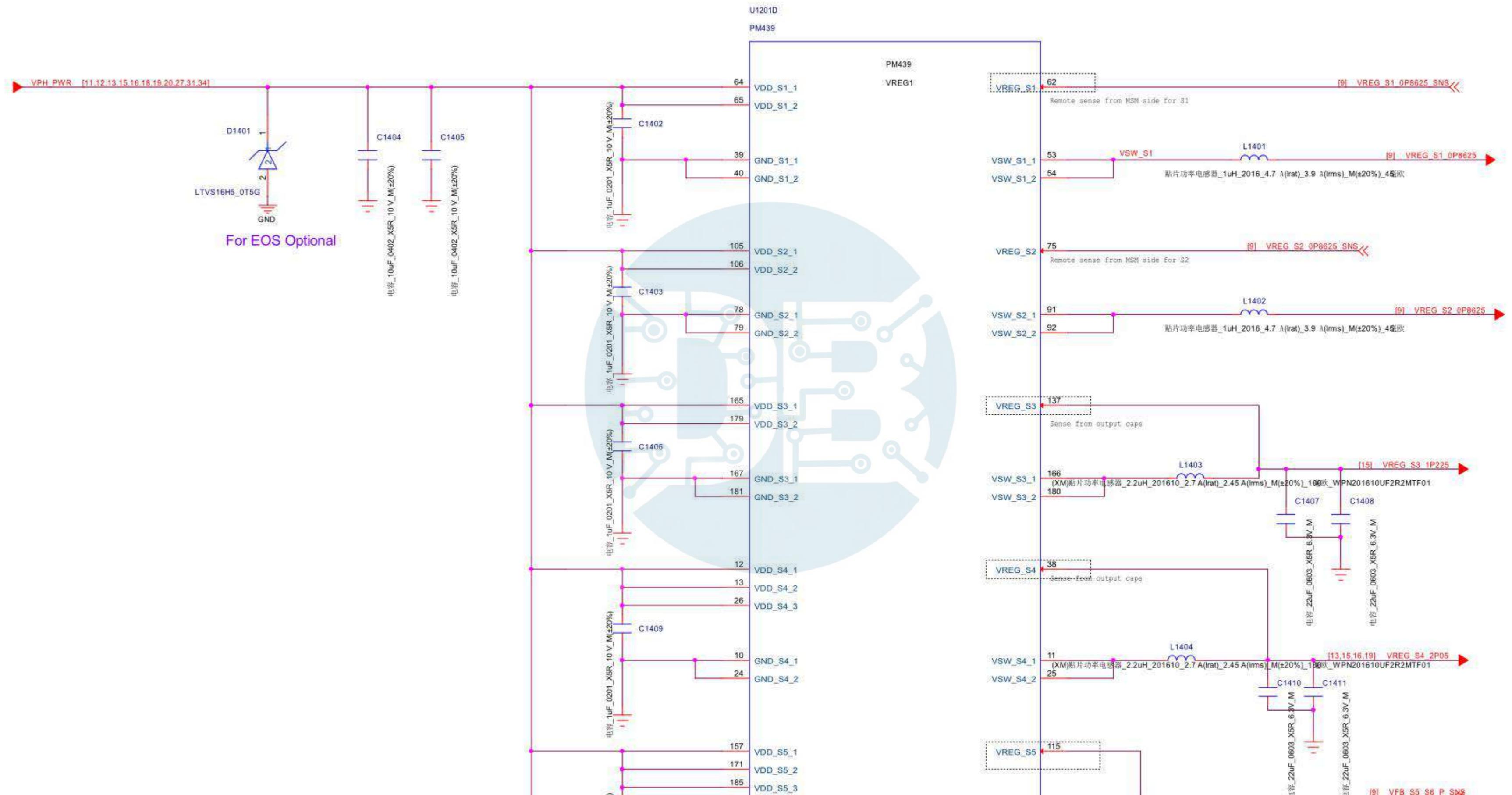


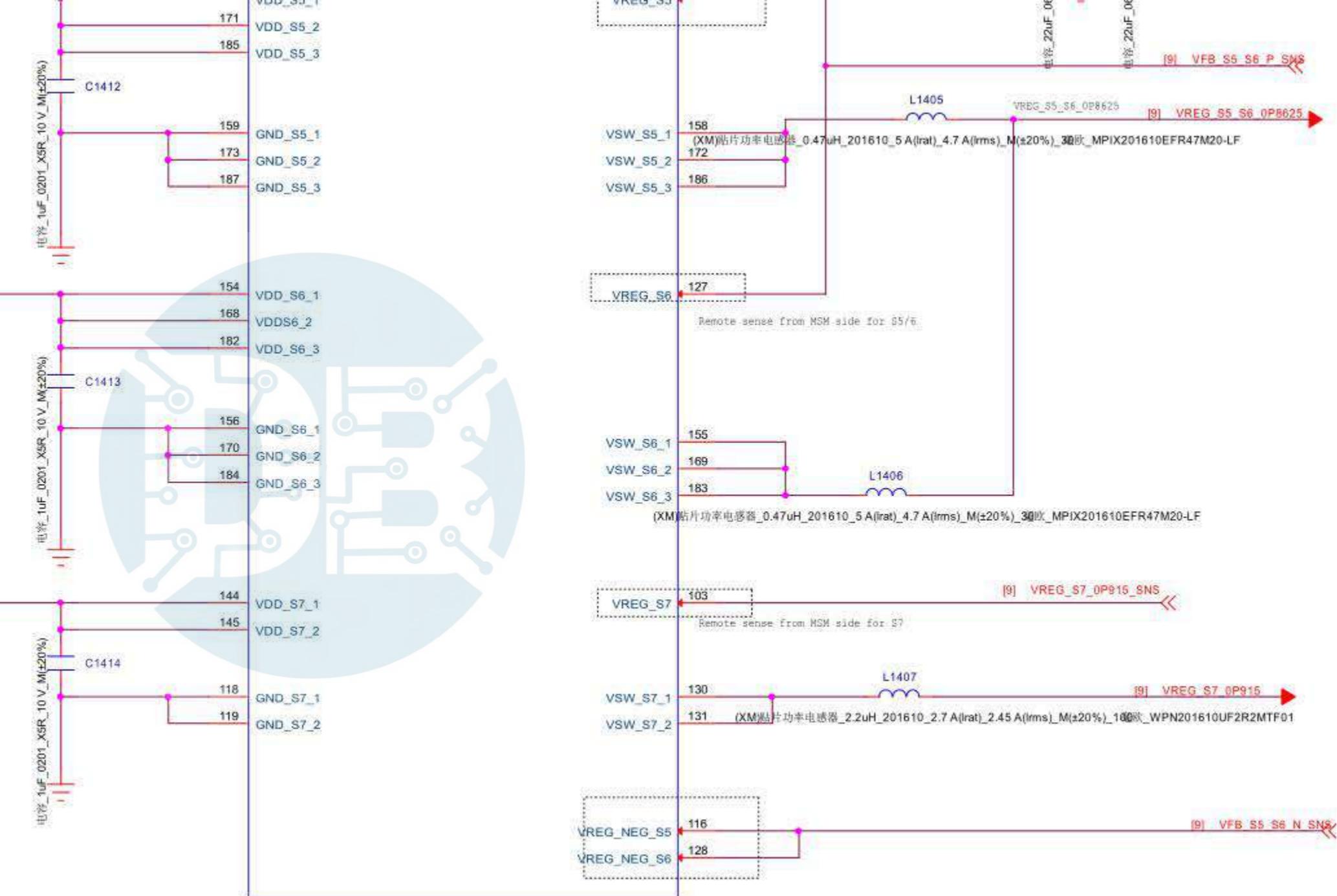
U1201A

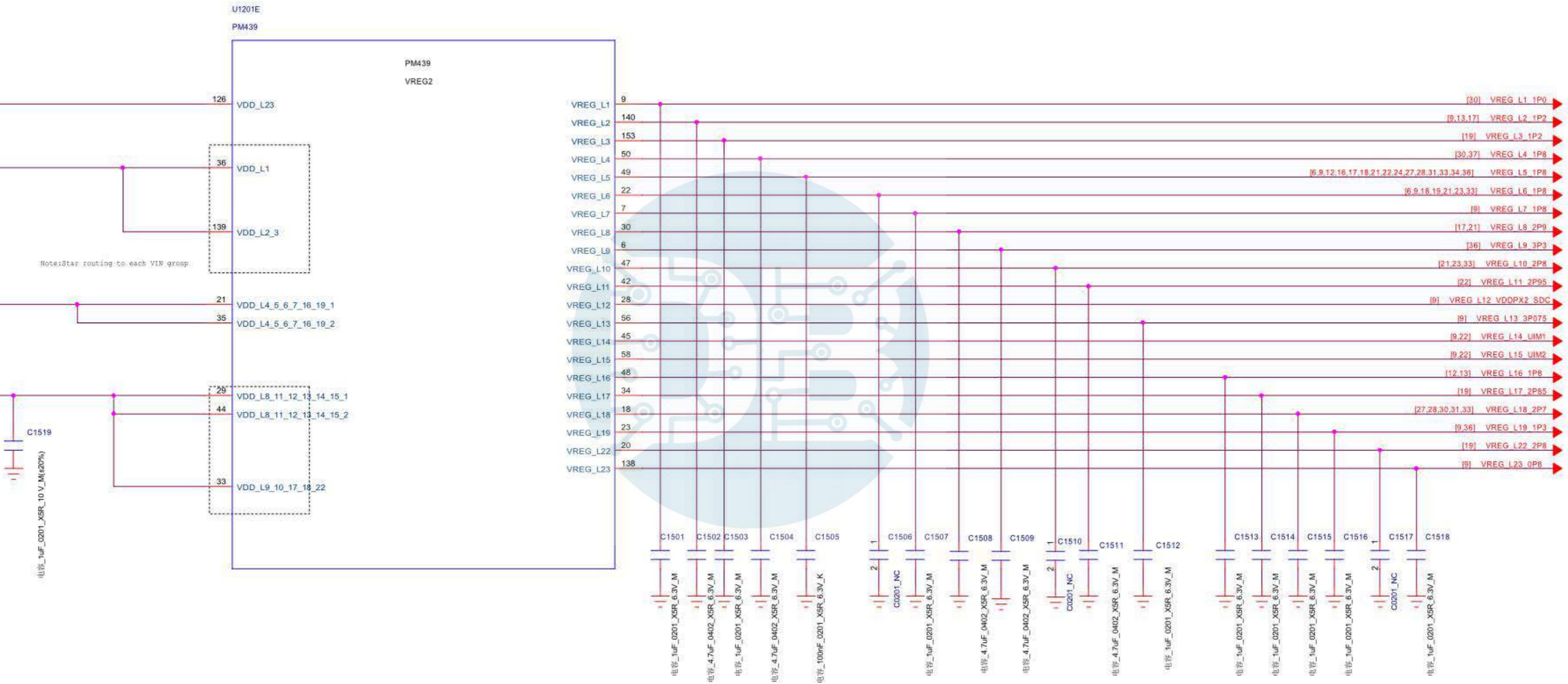
PM439

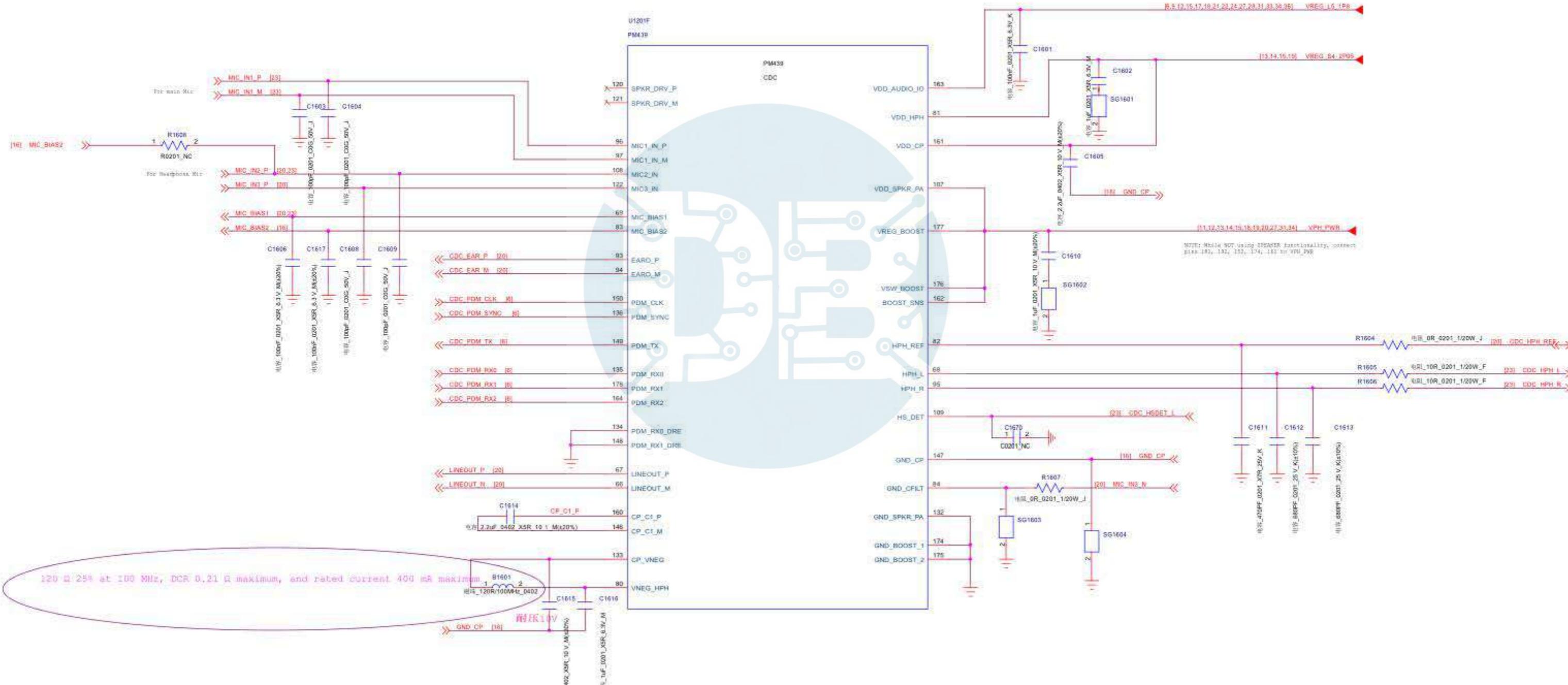


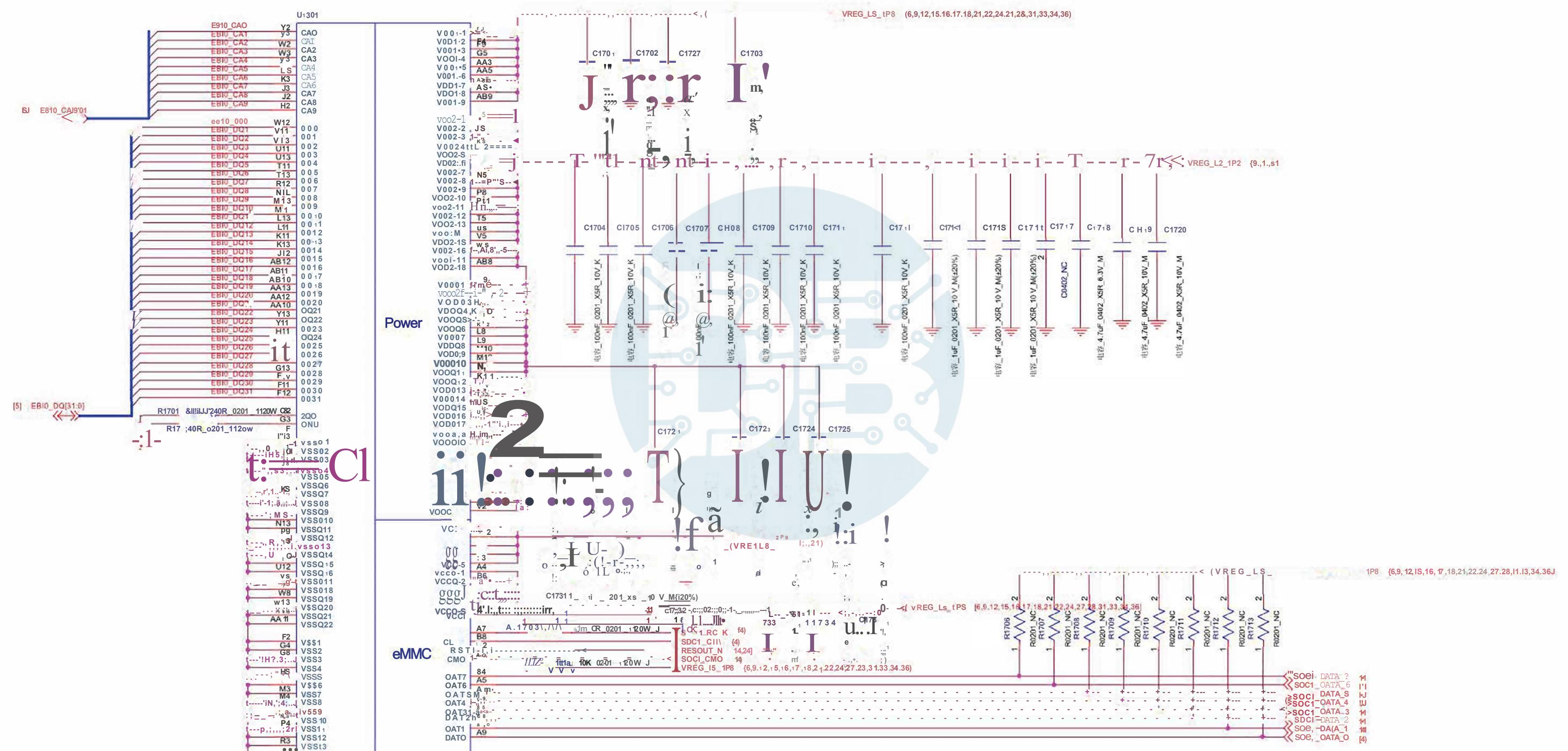


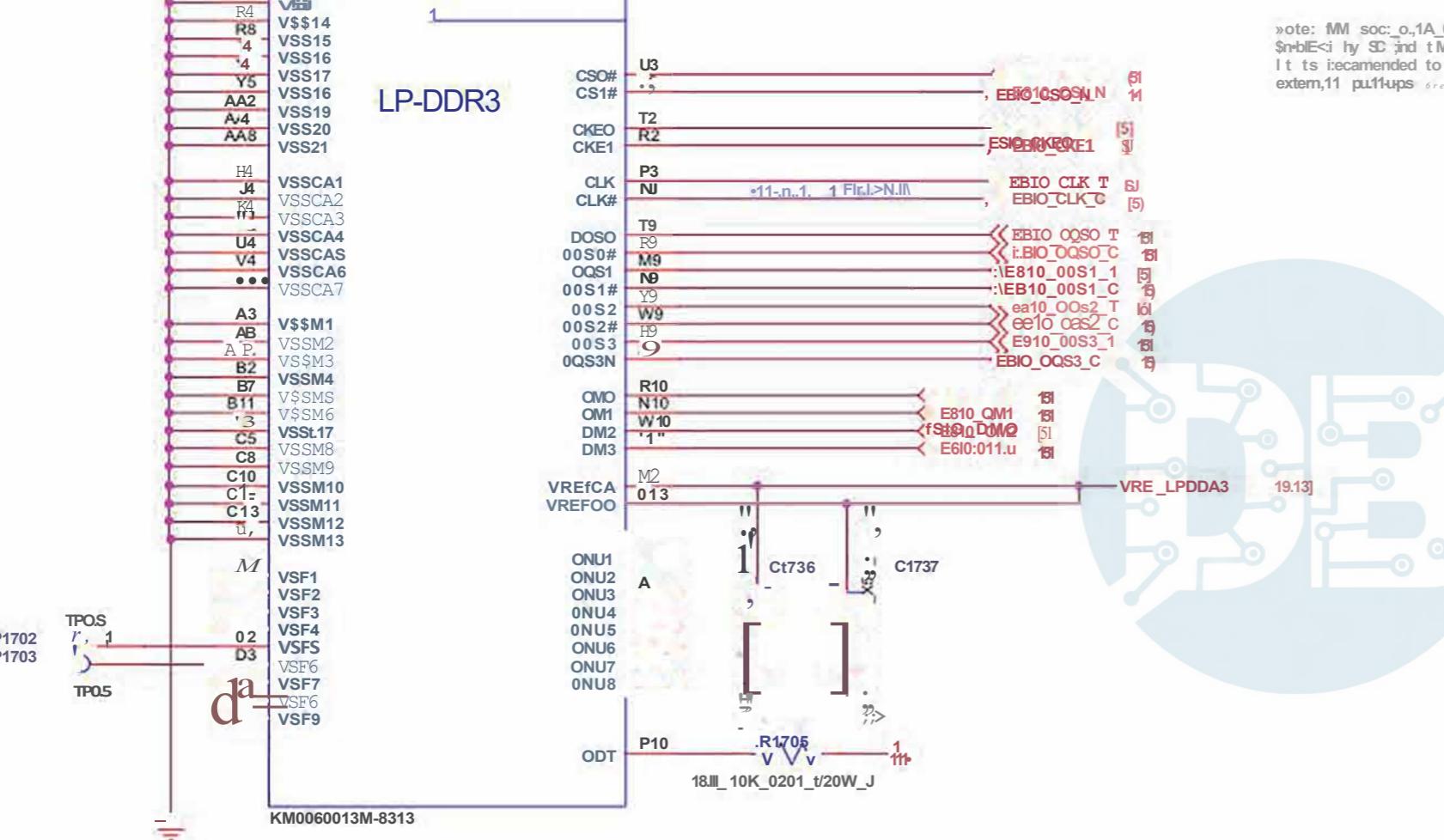




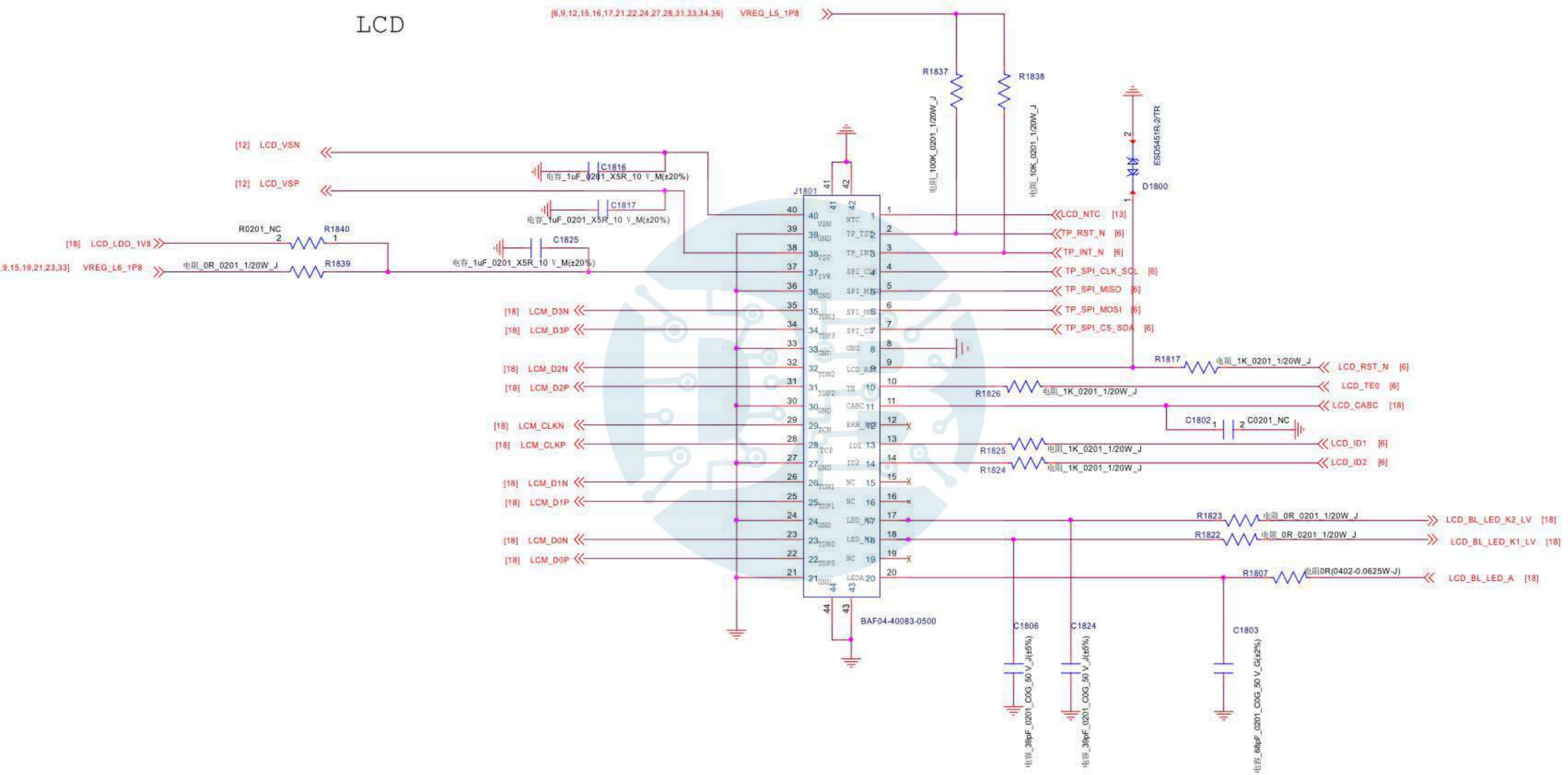


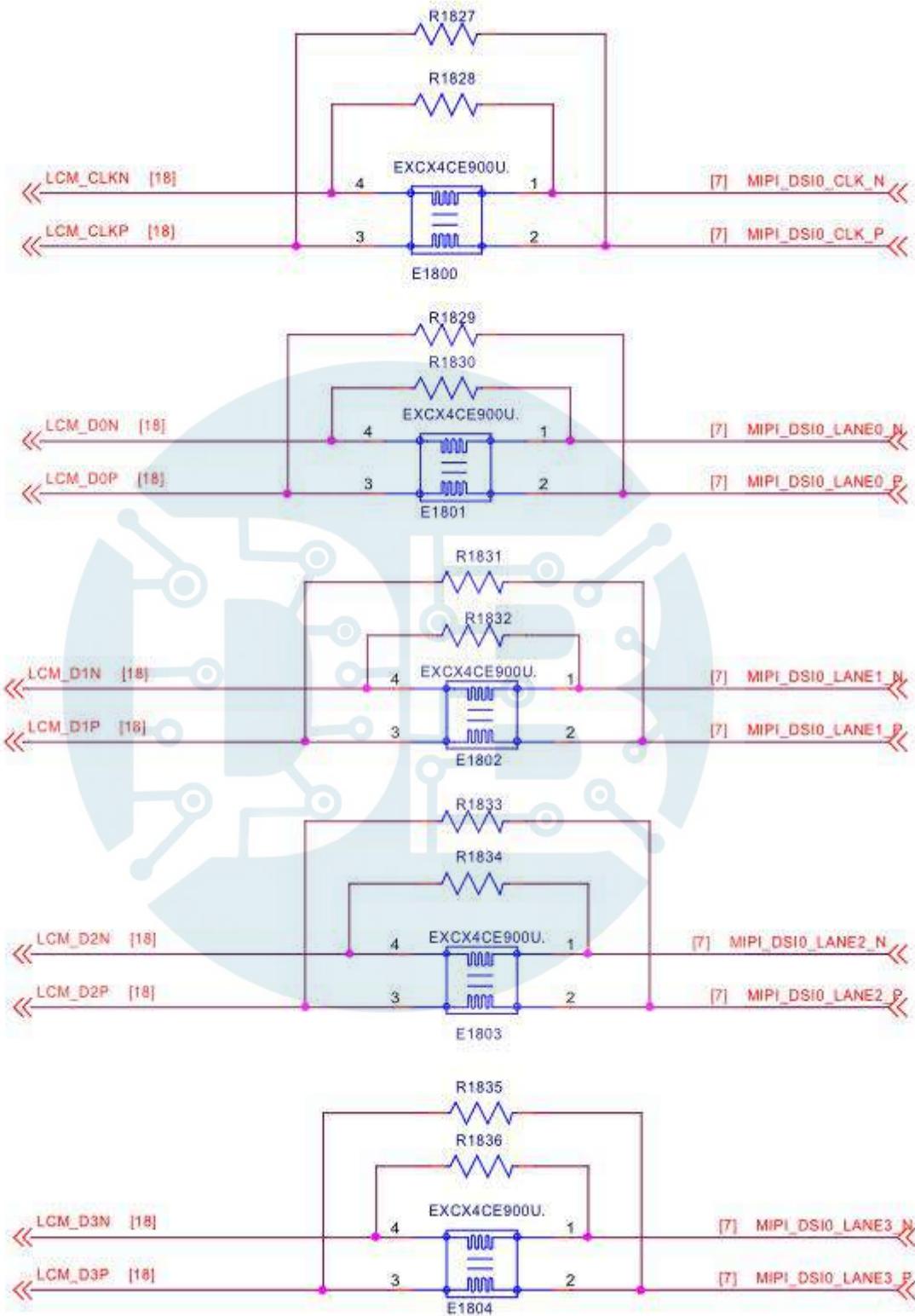




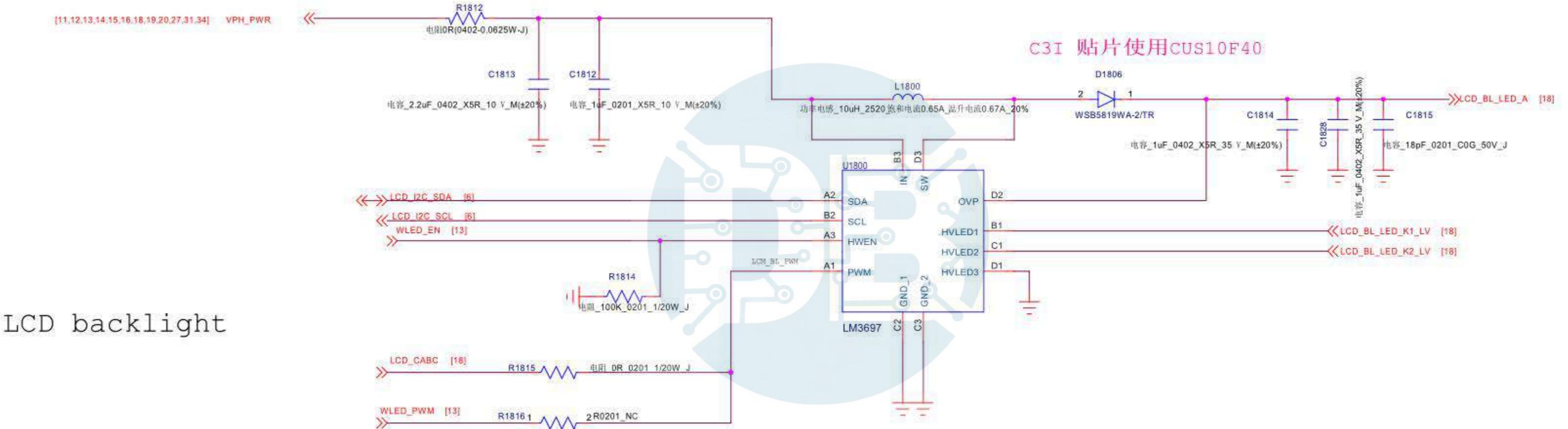


LCD

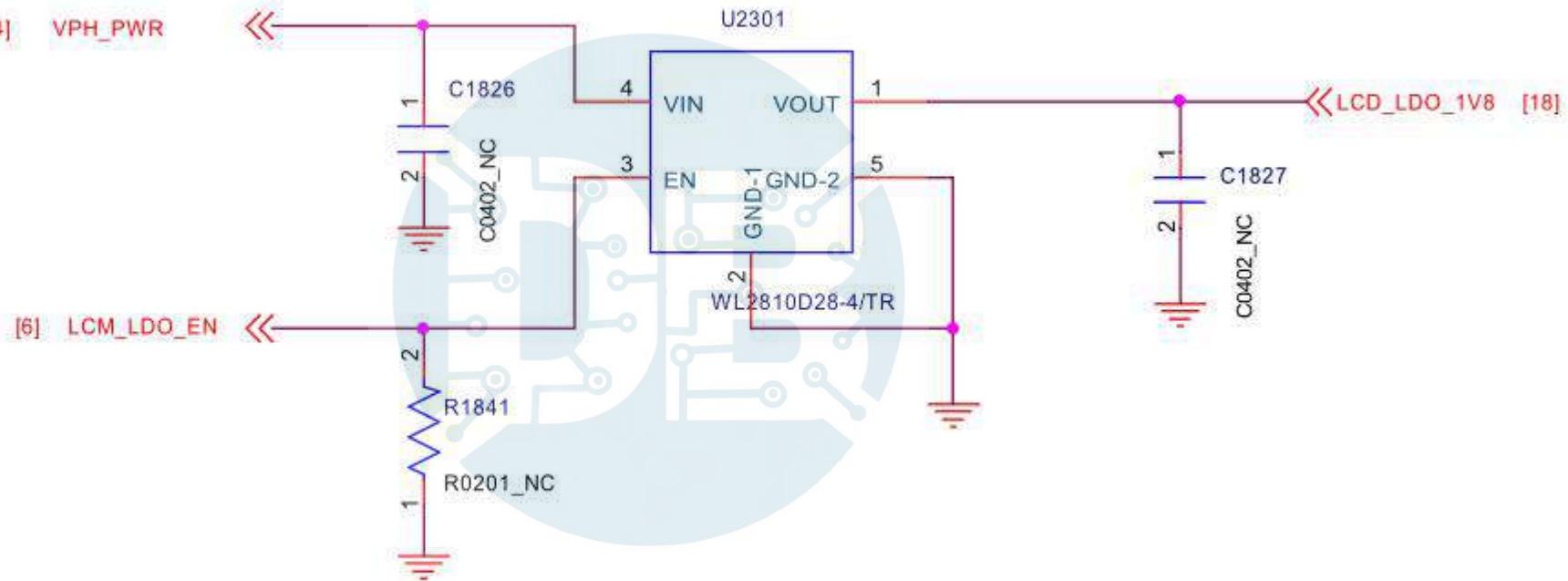




LCD-BACKLIGHT

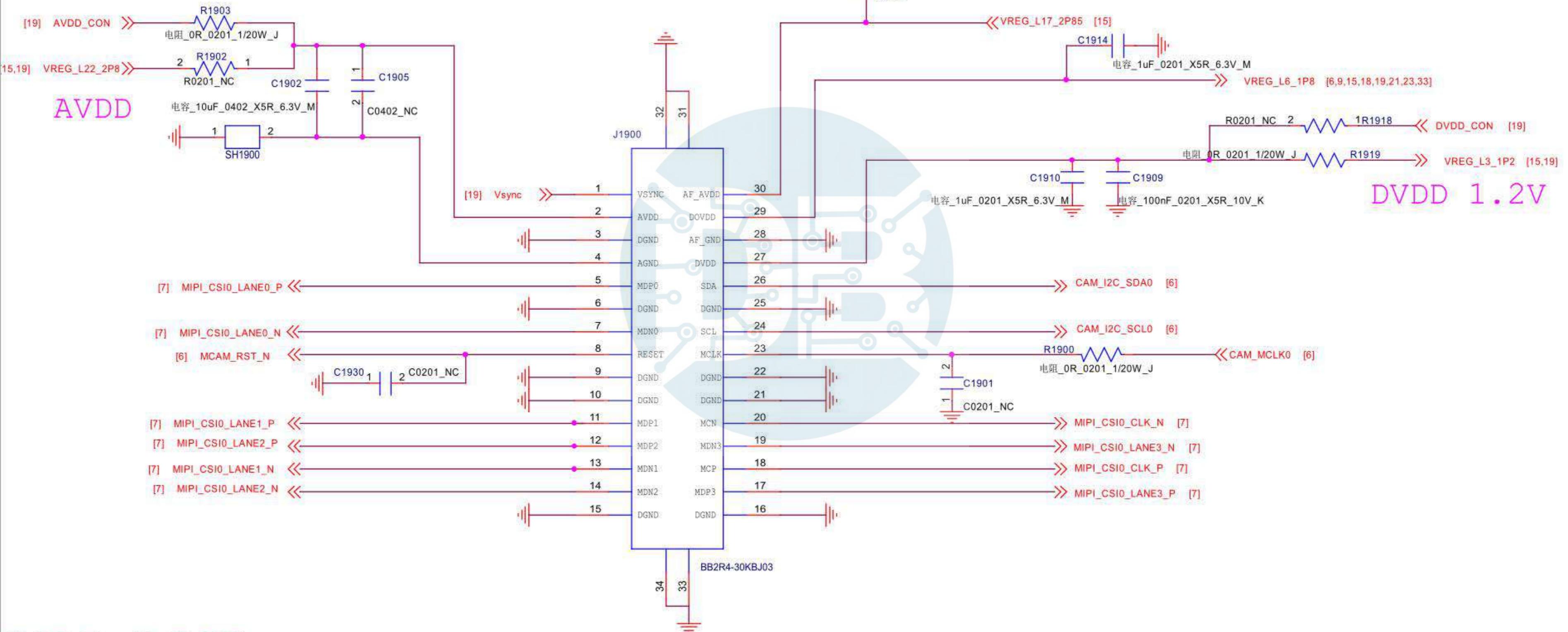


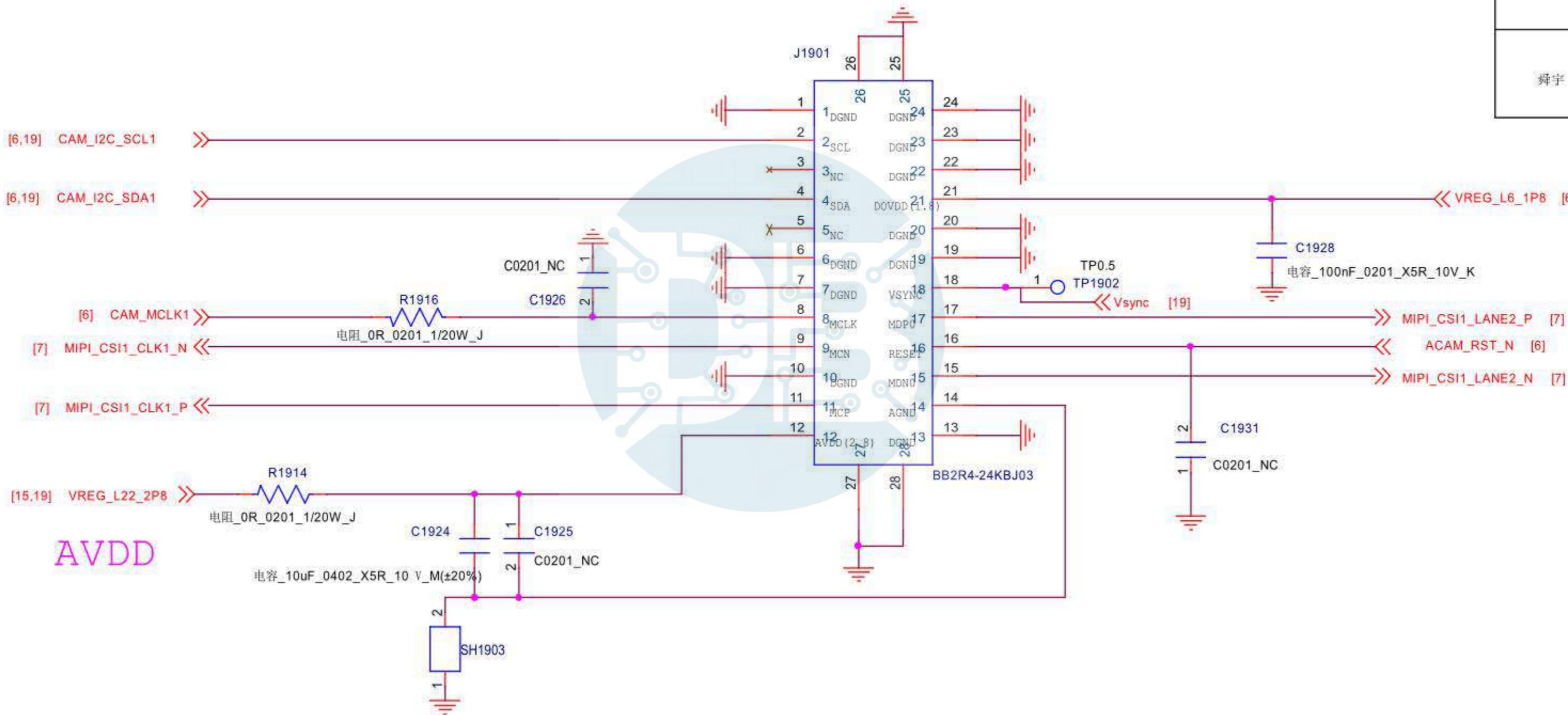
[11,12,13,14,15,16,18,19,20,27,31,34] VPH_PWR



ABREVIATION

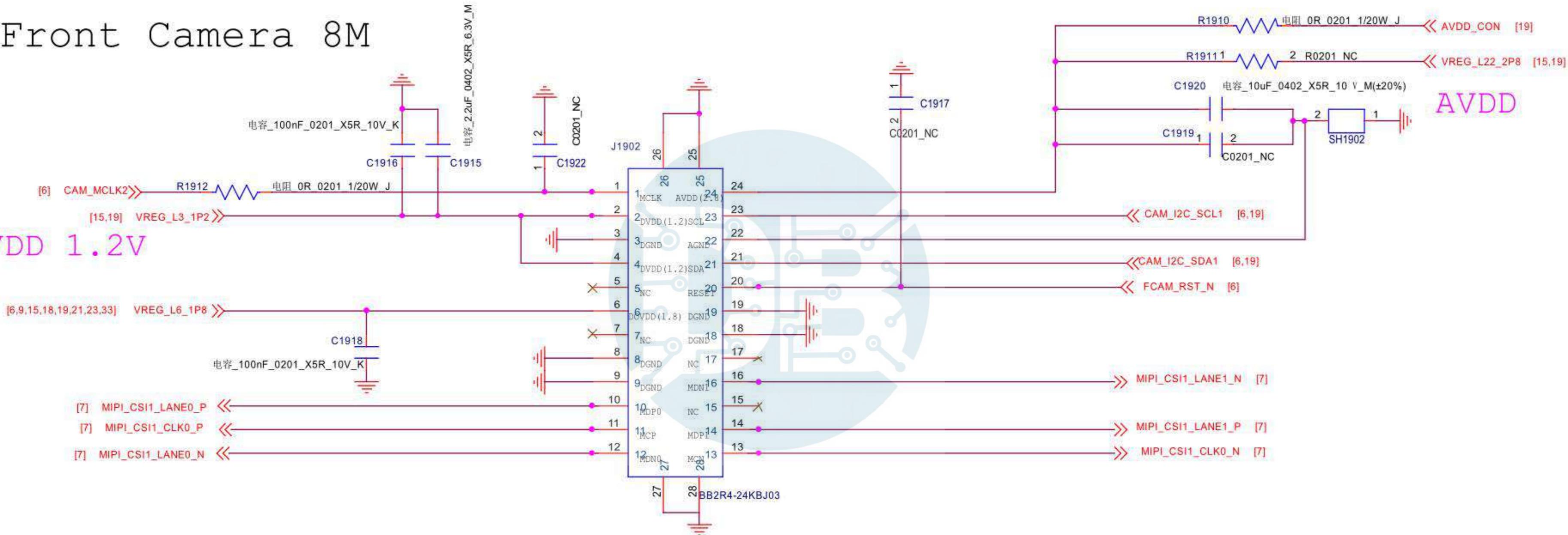
S5K2L7





Front Camera 8M

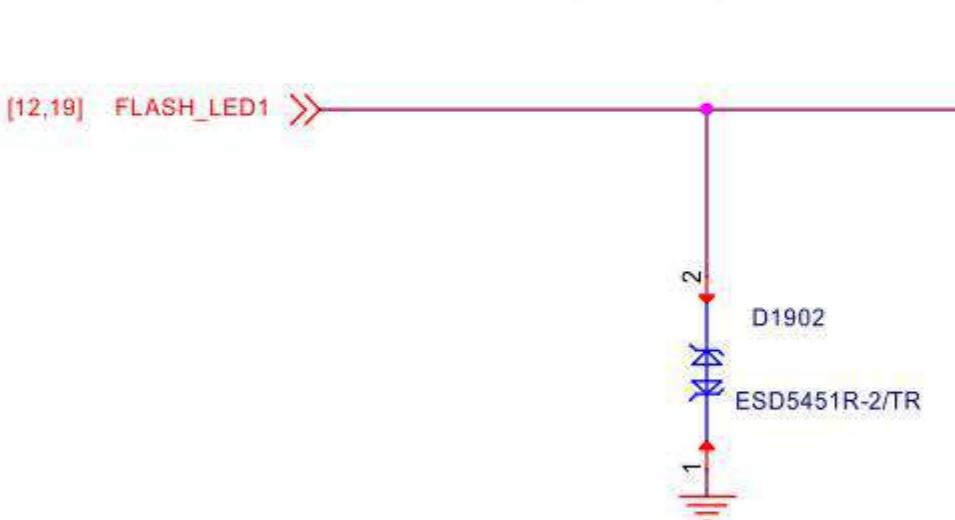
DVDD 1.2V



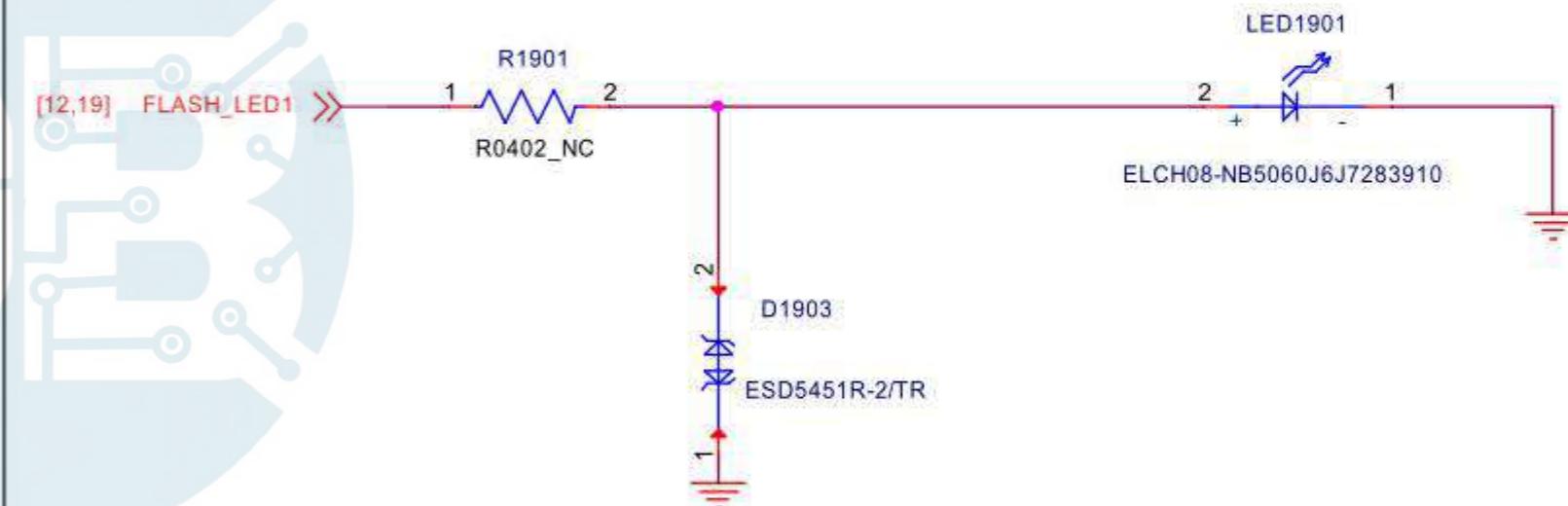
Rear Camera Flash

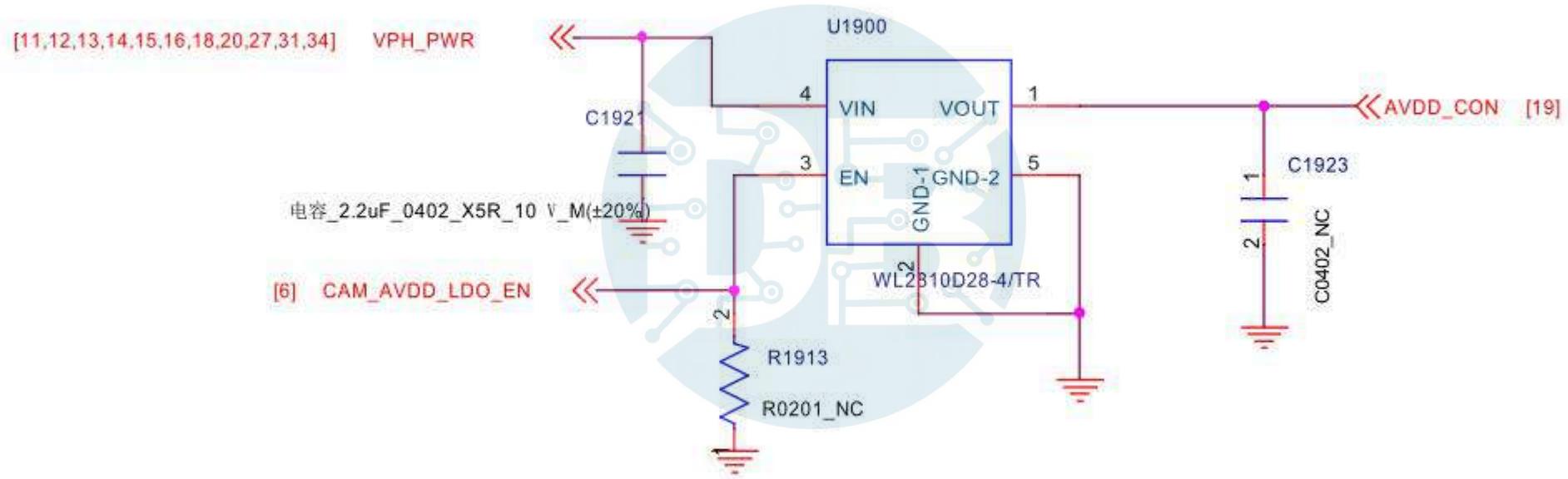
FH15B

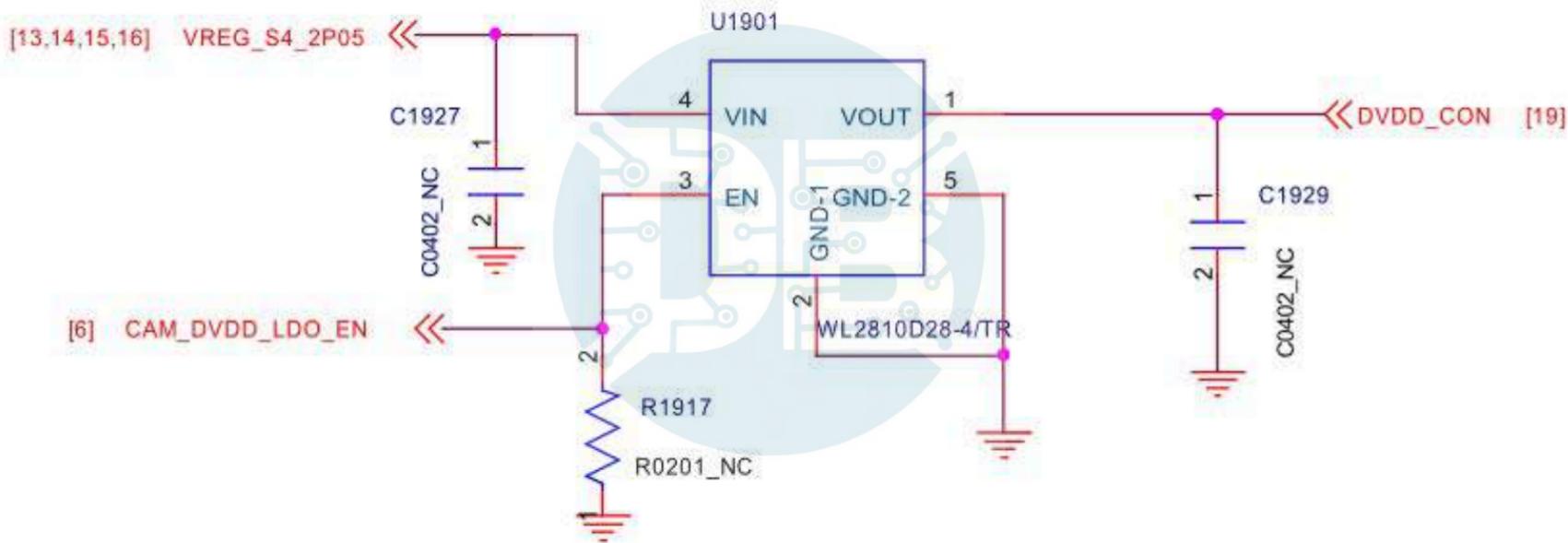
双摄闪光灯--主摄上



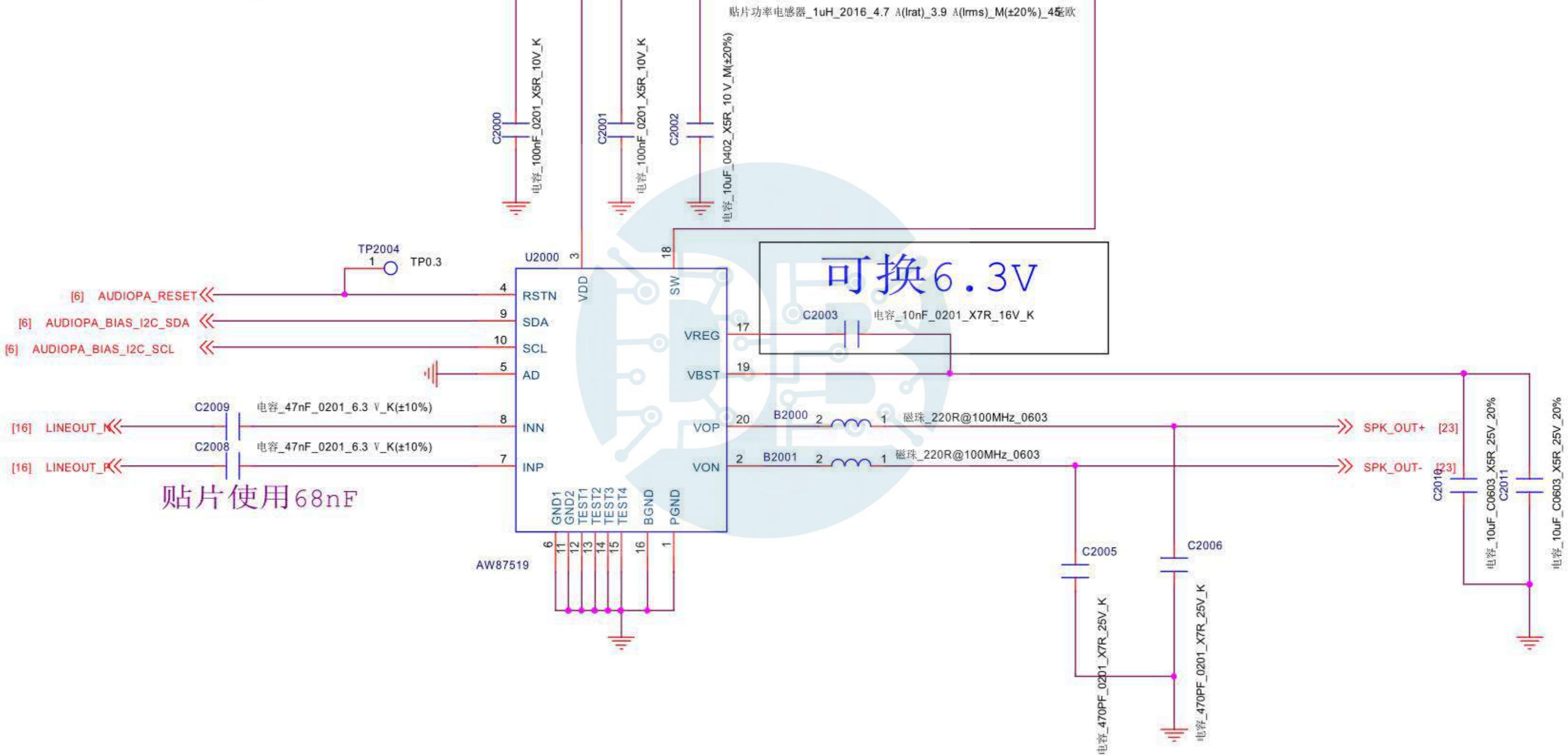
单摄闪光灯--主摄下



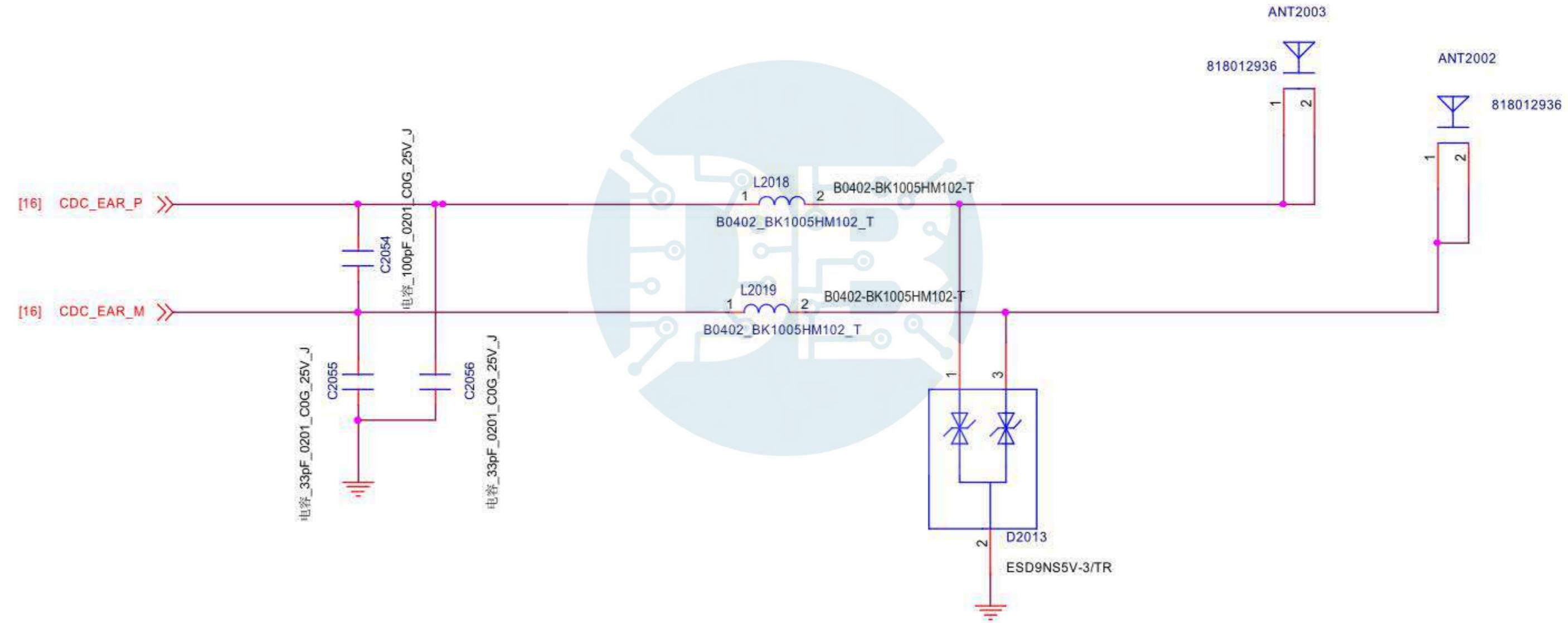


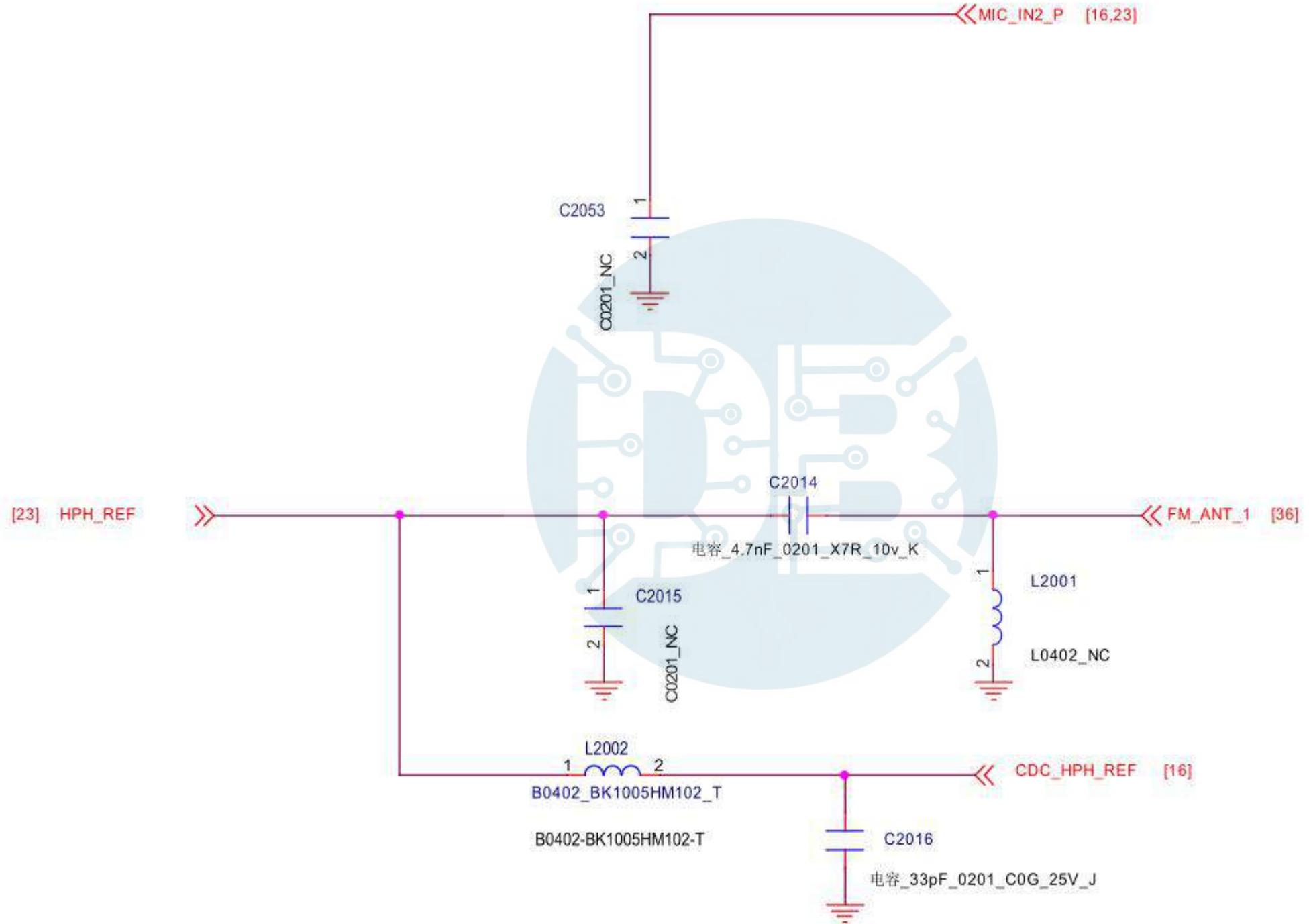


[11,12,13,14,15,16,18,19,27,31,34] VPH_PWR >>

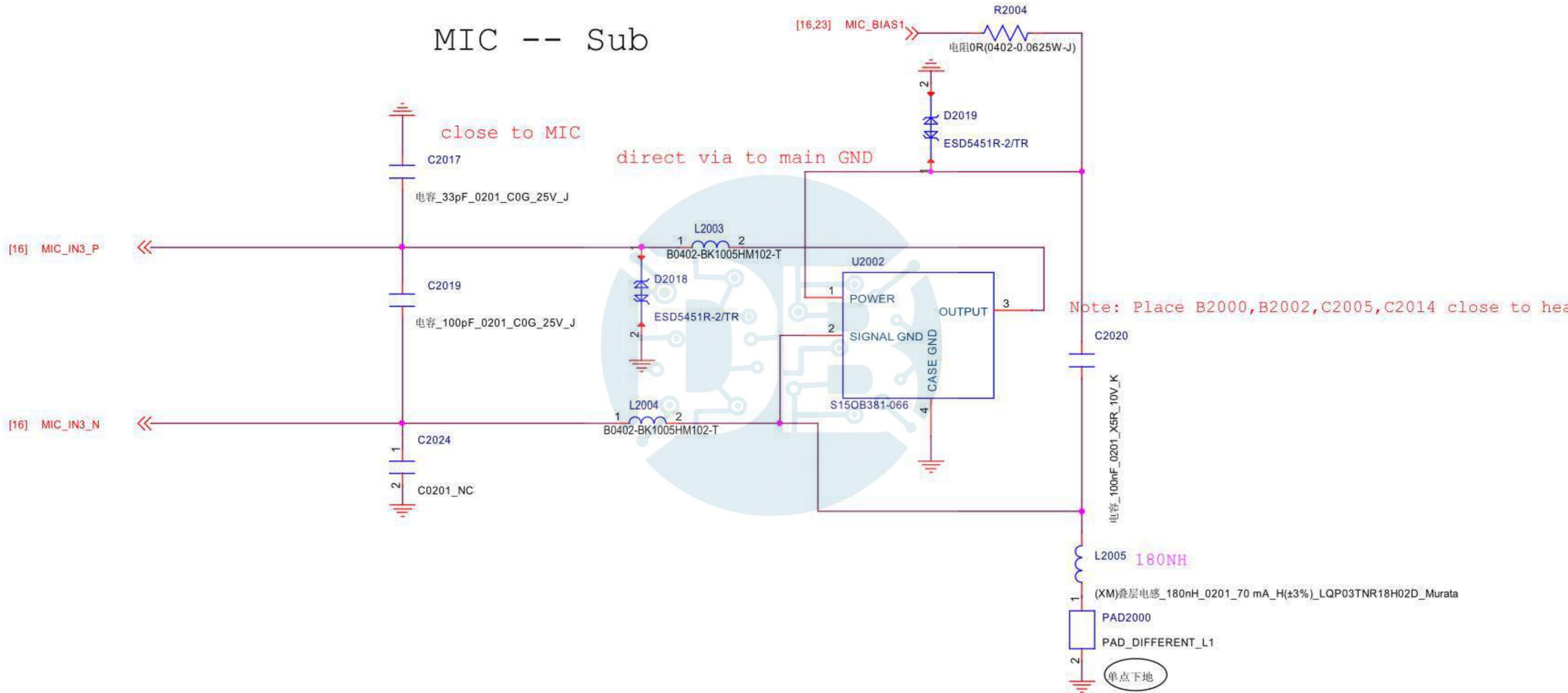


RECEIVER

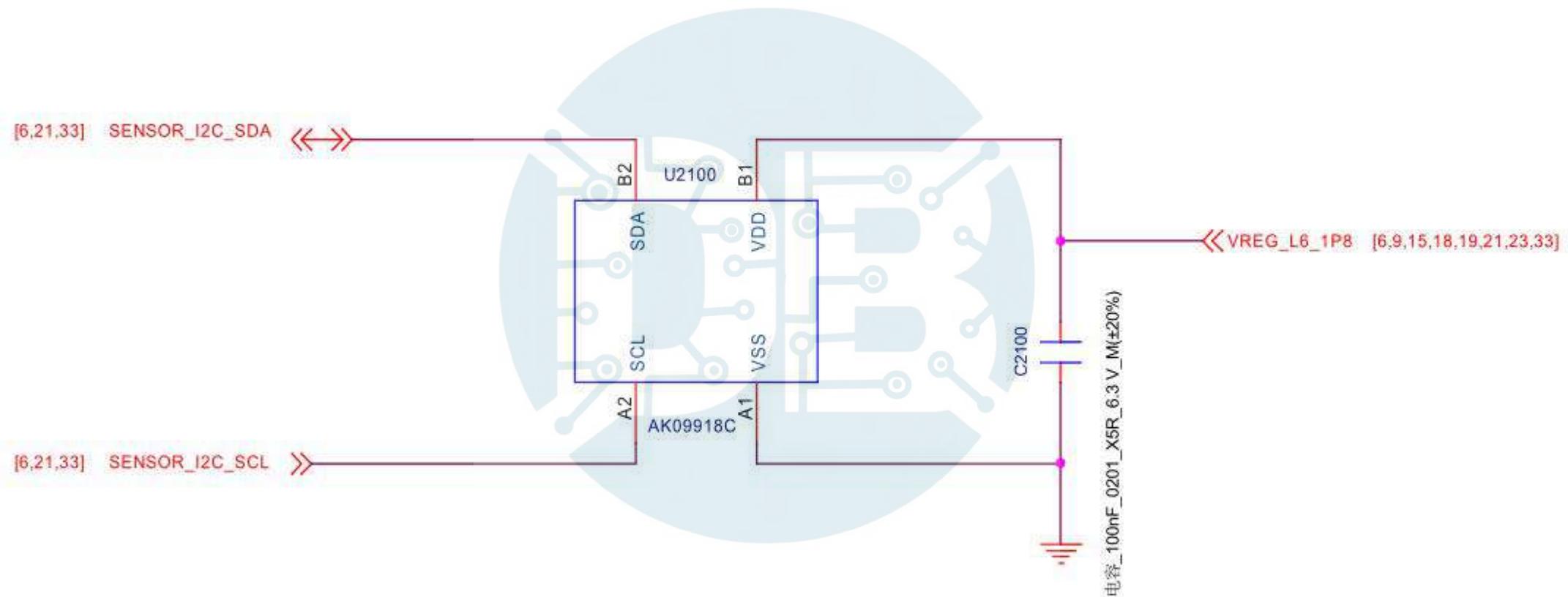




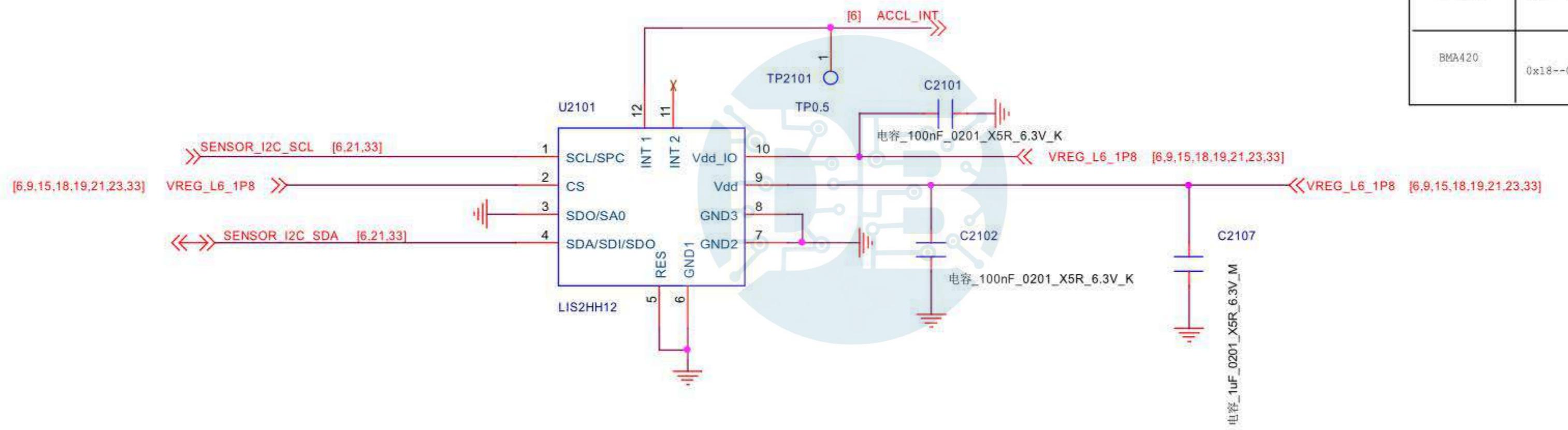
MIC -- Sub



E-compass

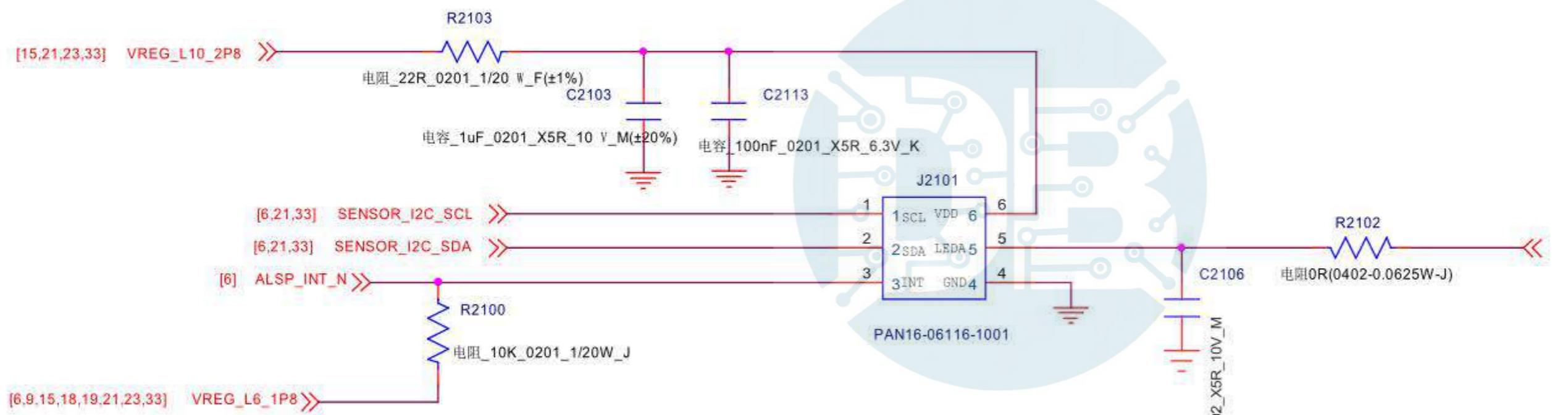


A sensor



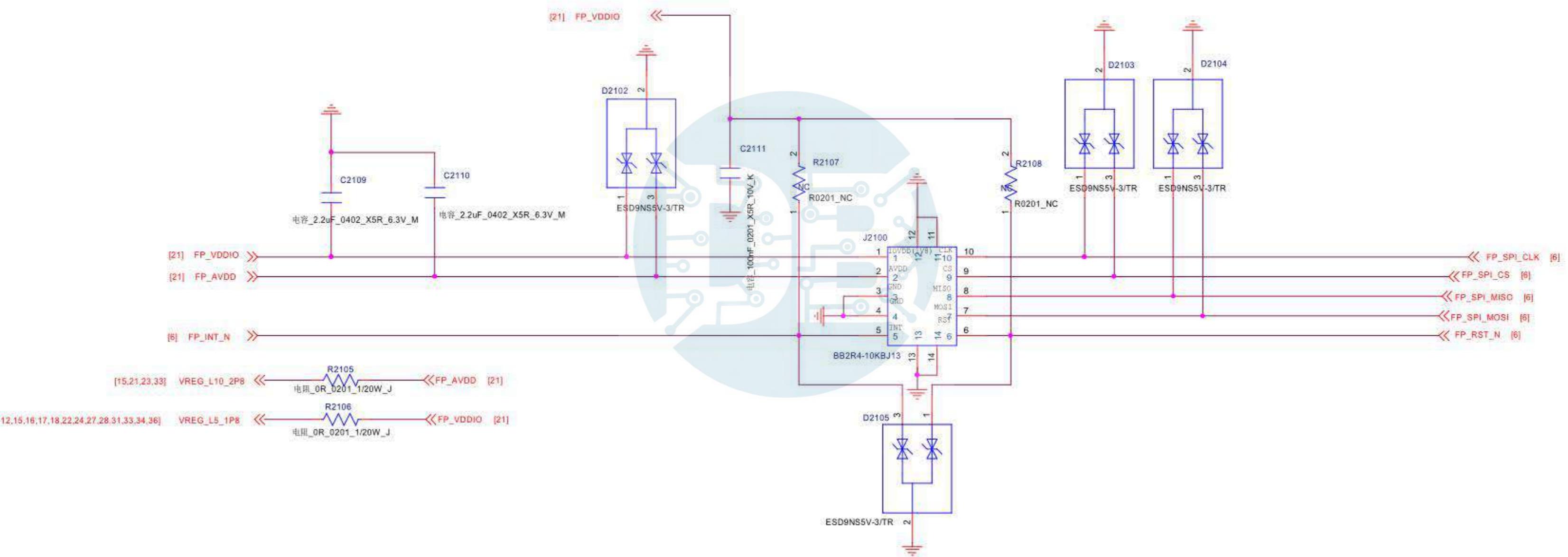
厂家	I2C ADDRESS	
	SDO(GND)	SDO(high)
LIS2HH12	0X1E--0011110b	0X1F--0011101b
BMA420	0x18--00011000	0x19--00011001

ALS PS LTR2568

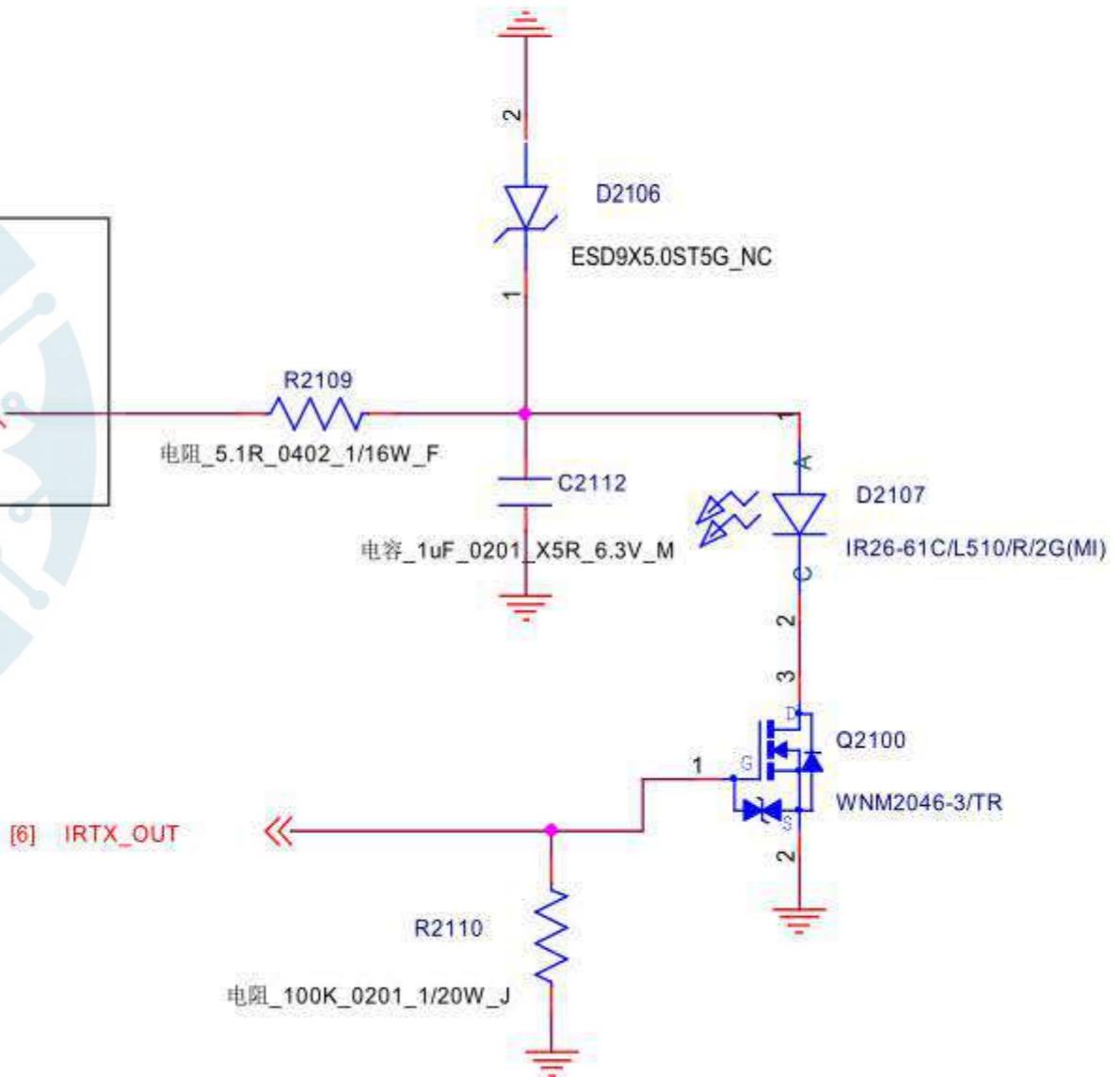
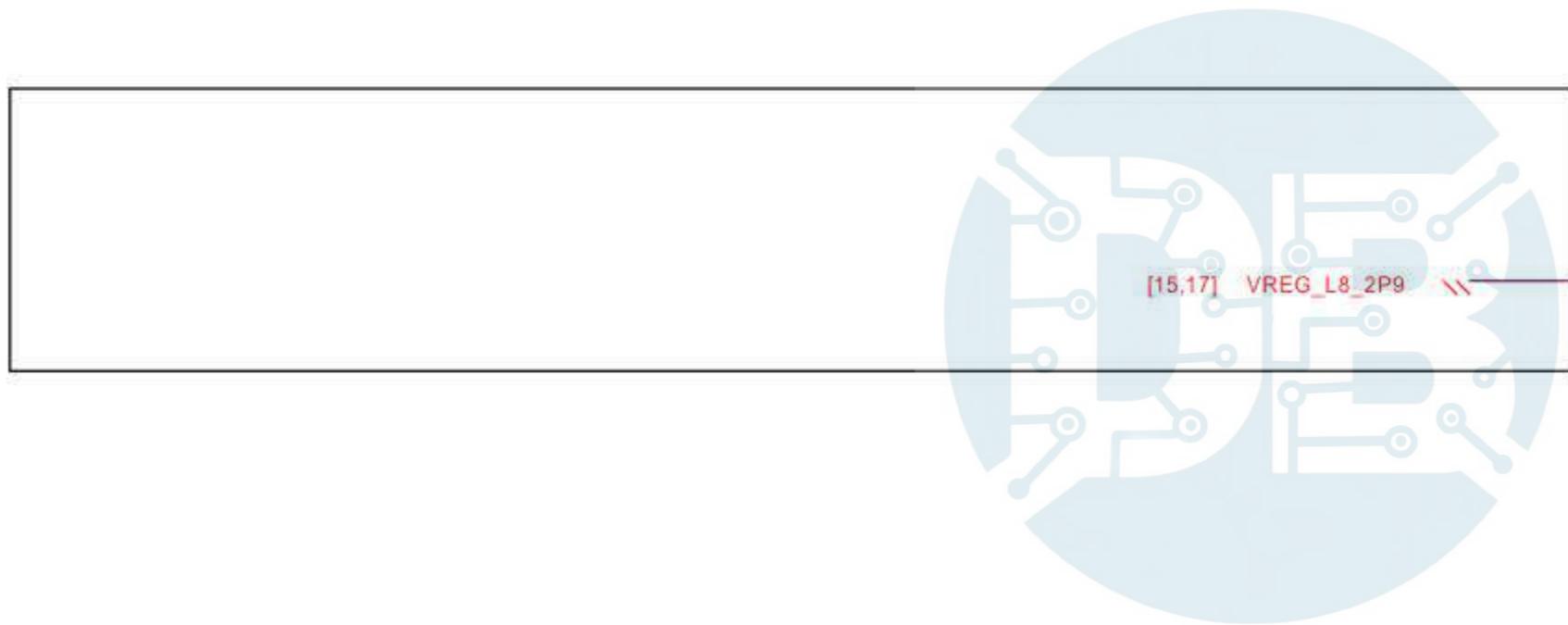


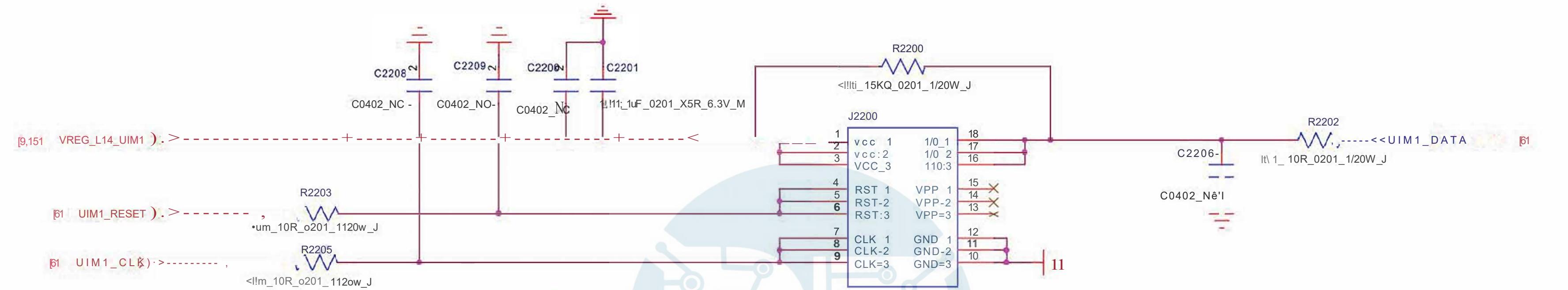
厂家	I2C ADDRESS
LTR-2568ALS-WA	0x23---0100011

Finger Print

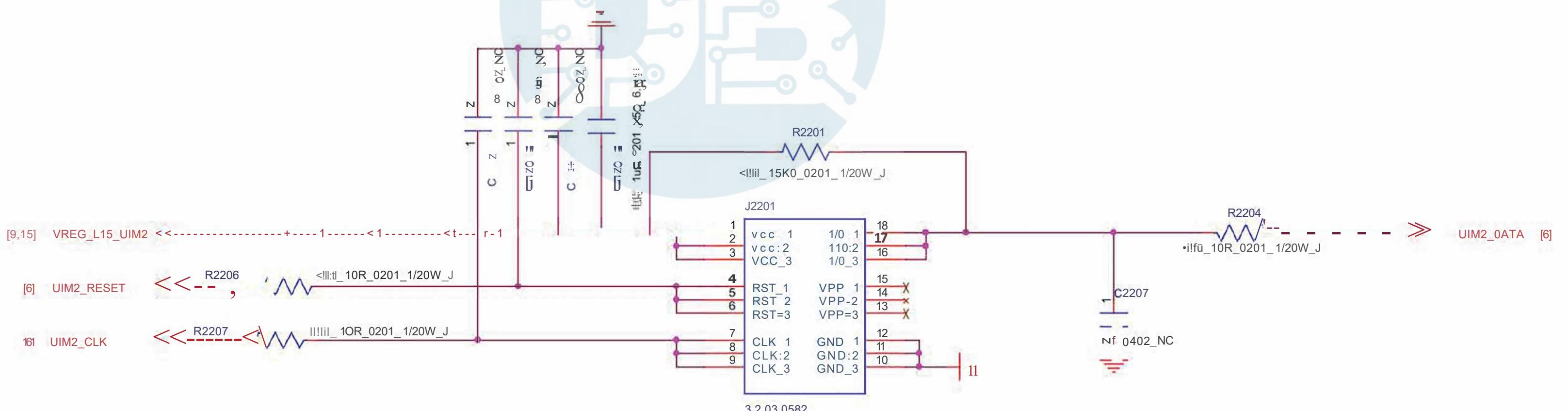


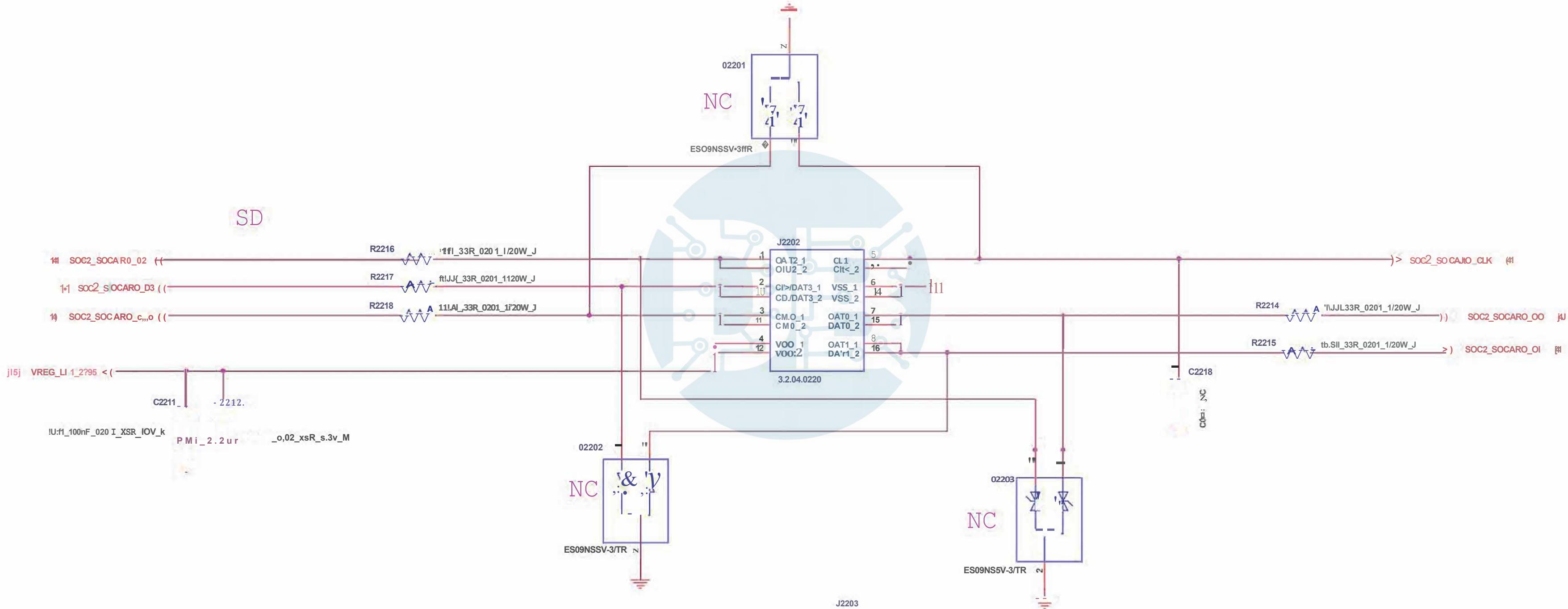
IR

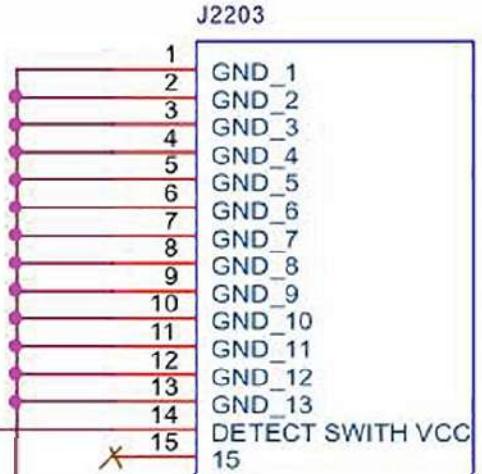




NANO SIM2

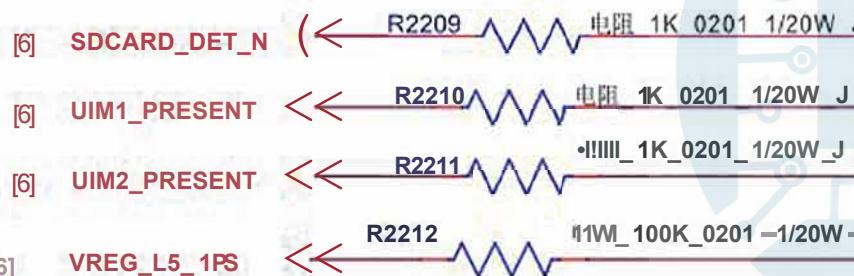






3.2.16.0069

DETECT



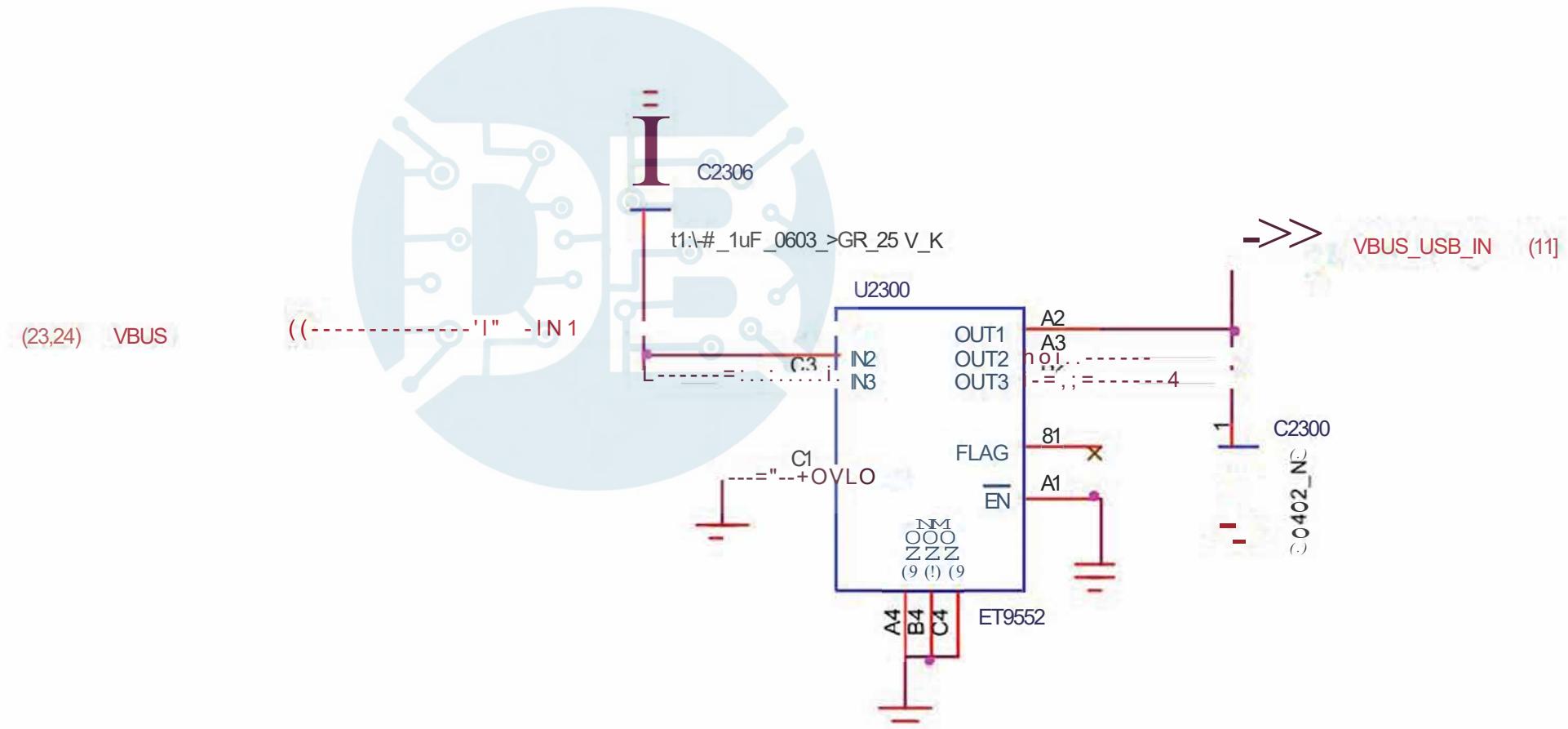
,18,21,24,27,28,31,33,34,36]

OVP 6.8V

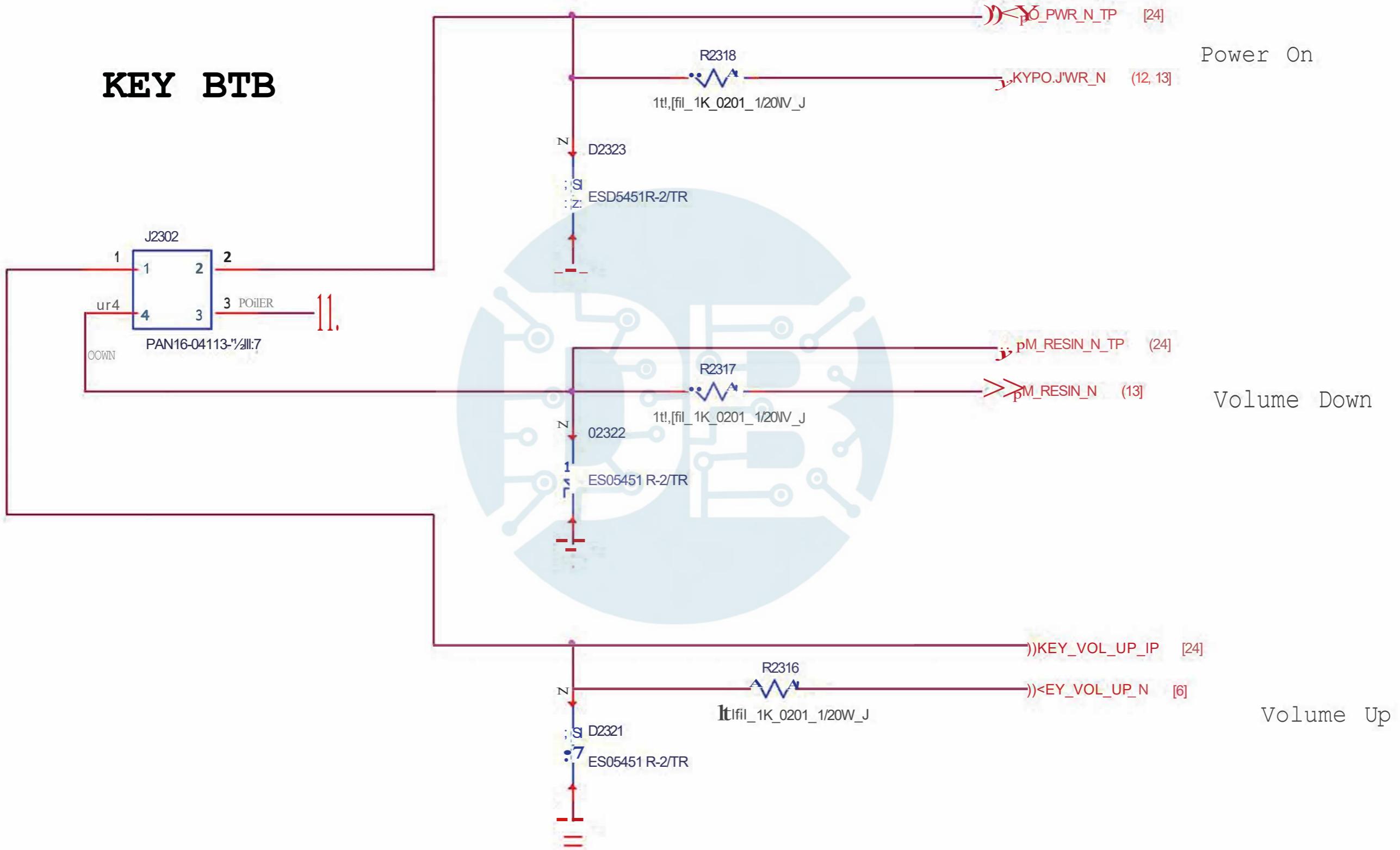
ET9552L

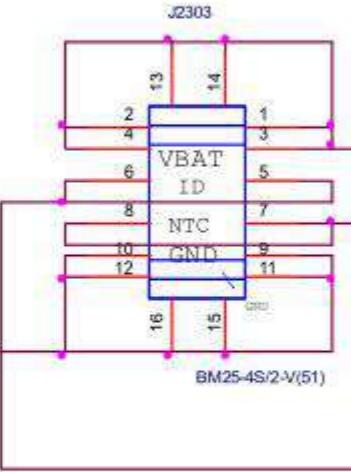
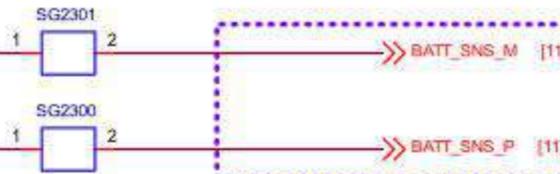
OVP 10.5V

ET9552

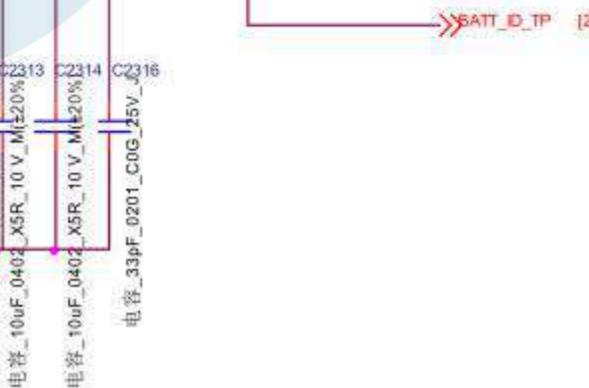
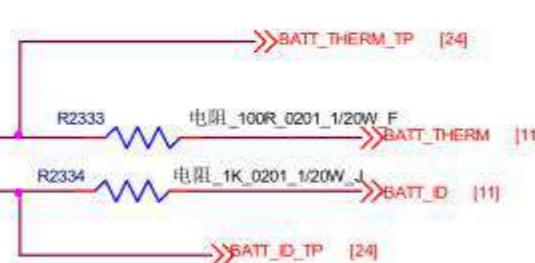
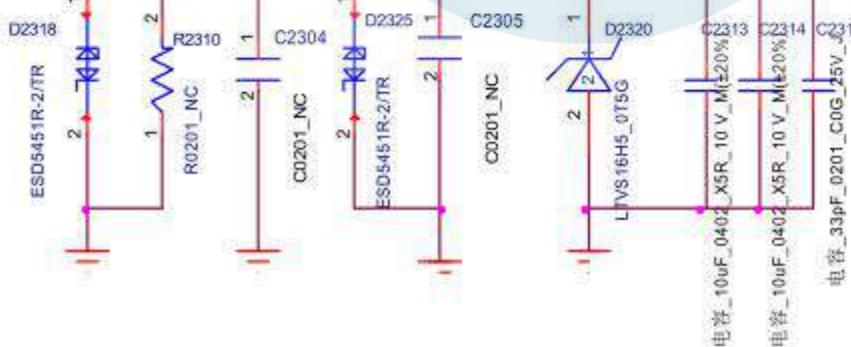


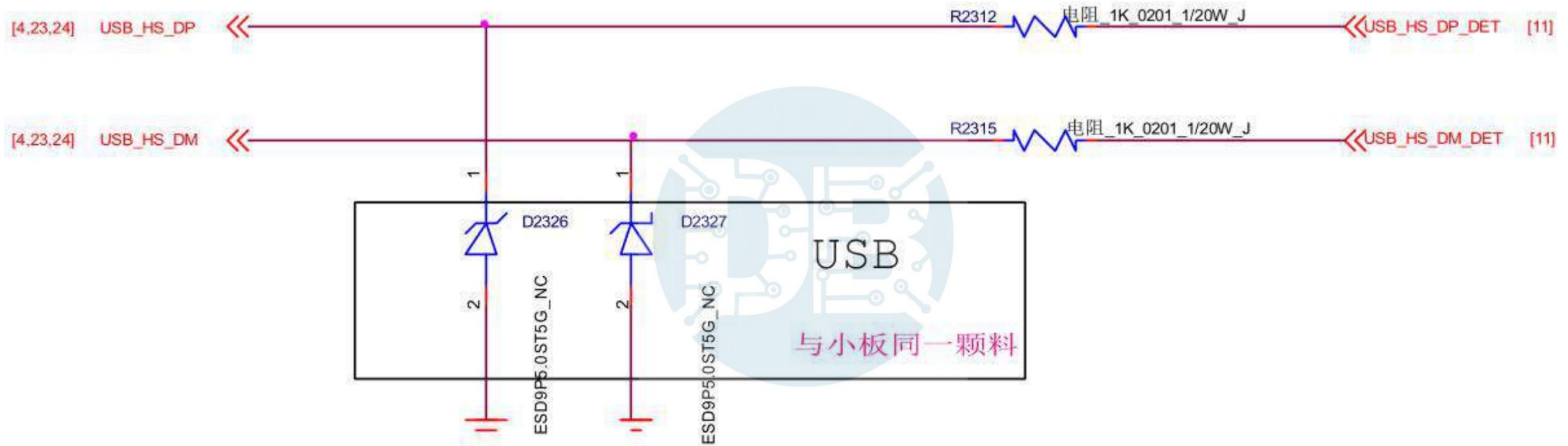
KEY BTB



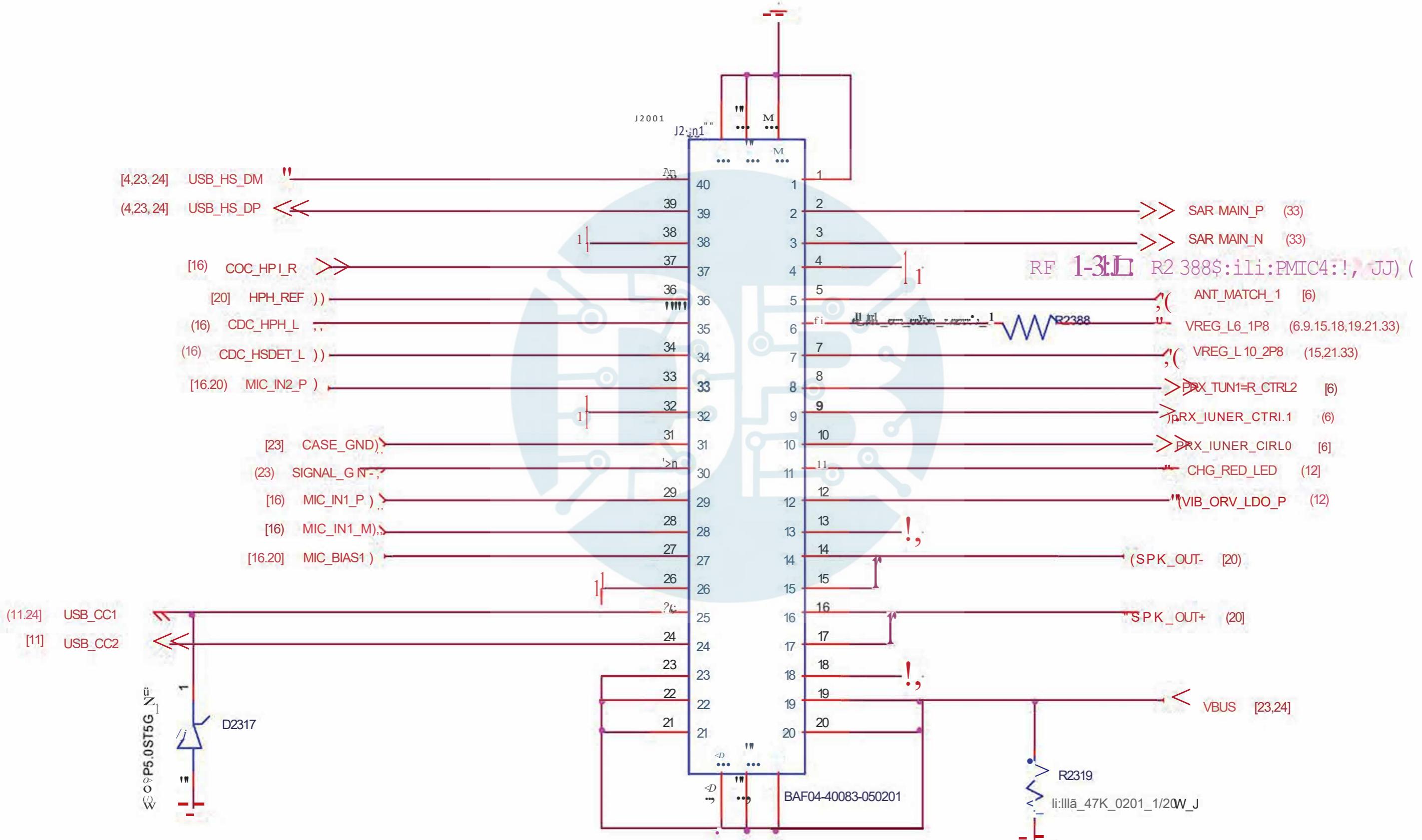


CAN note: differential pair





MAIN FPC BTB



[23]

SIGNAL_GND

[23]

CASE_GND

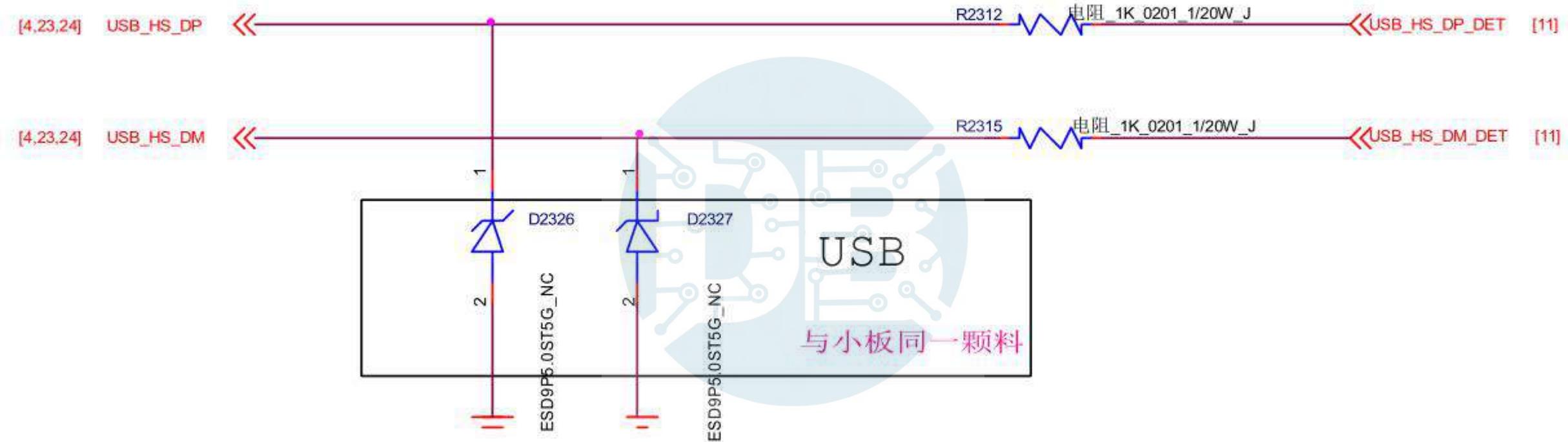


PAD2302

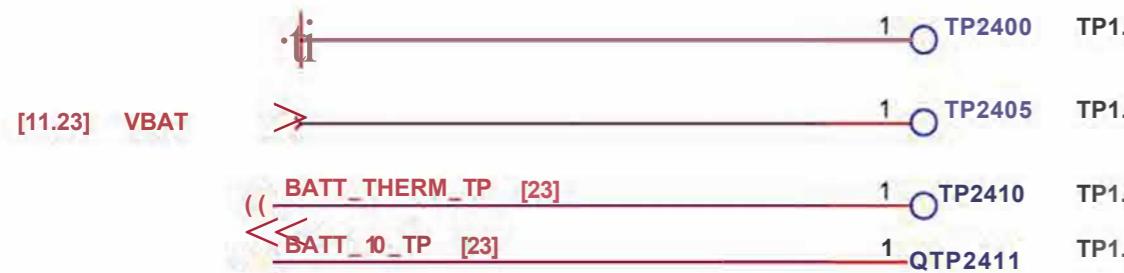
PAD_DIFFERENT_L1

PAD2301

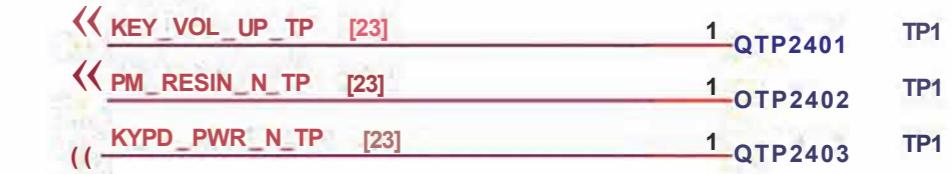
PAD_DIFFERENT_L1



VBAT TEST POINT



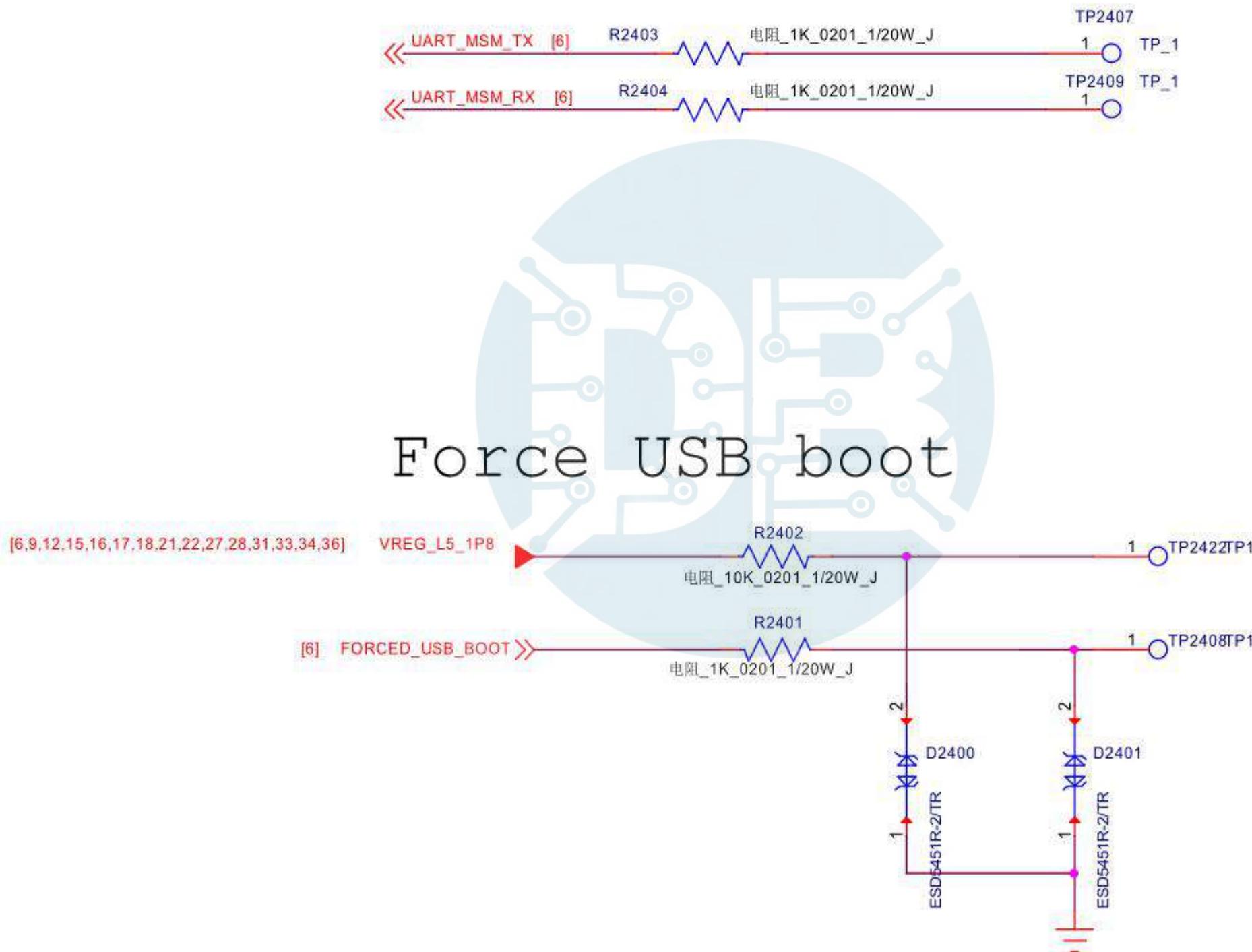
KEY ST point

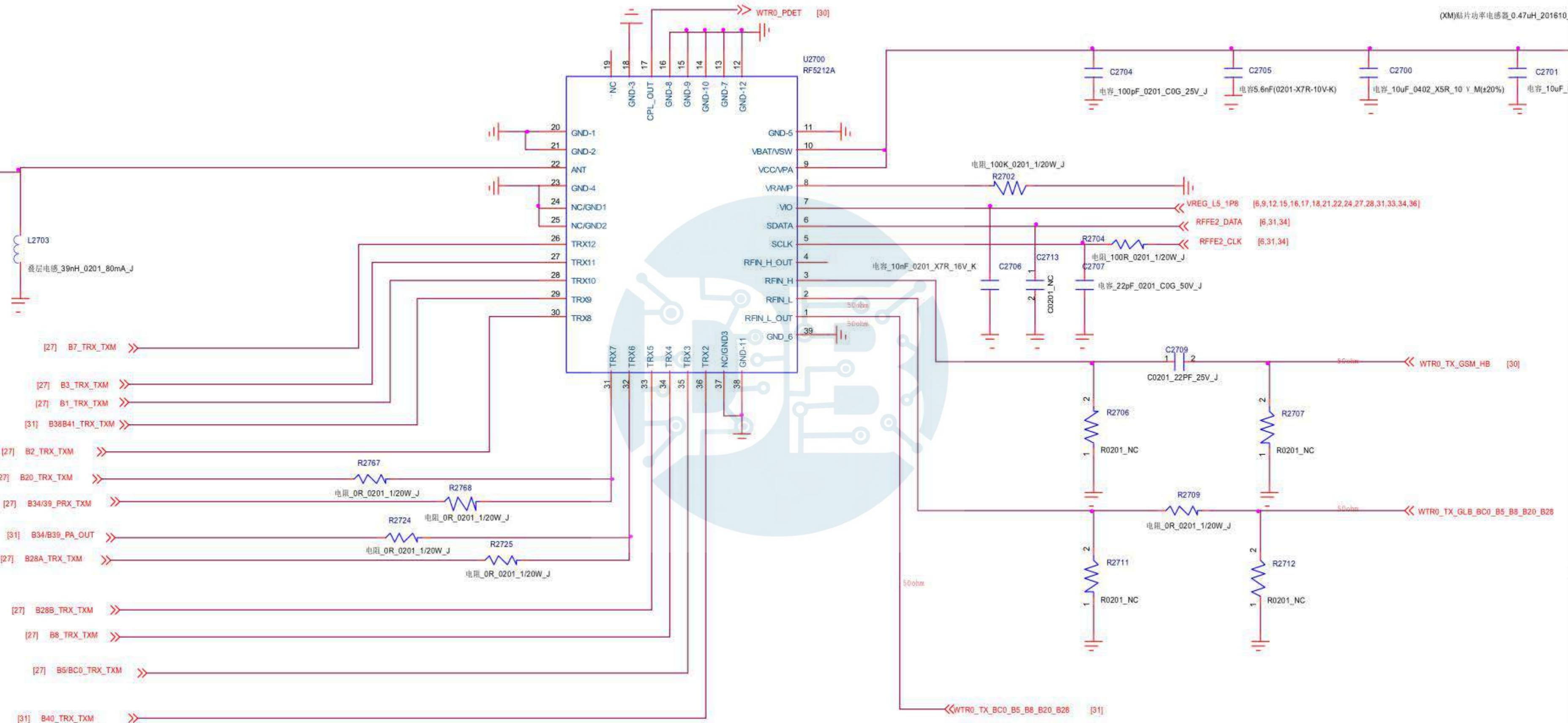


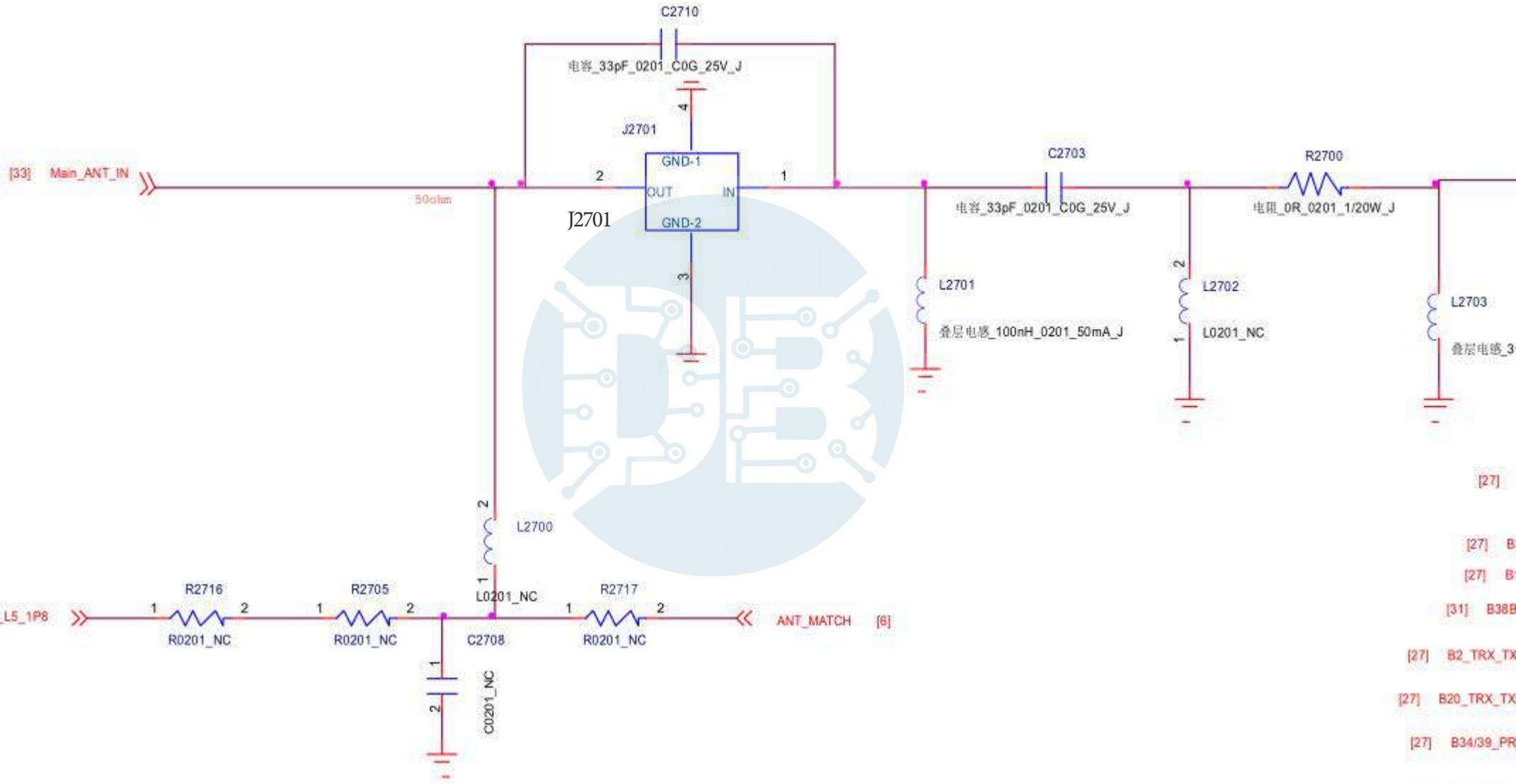
USB TEST POINT



UART TEST point

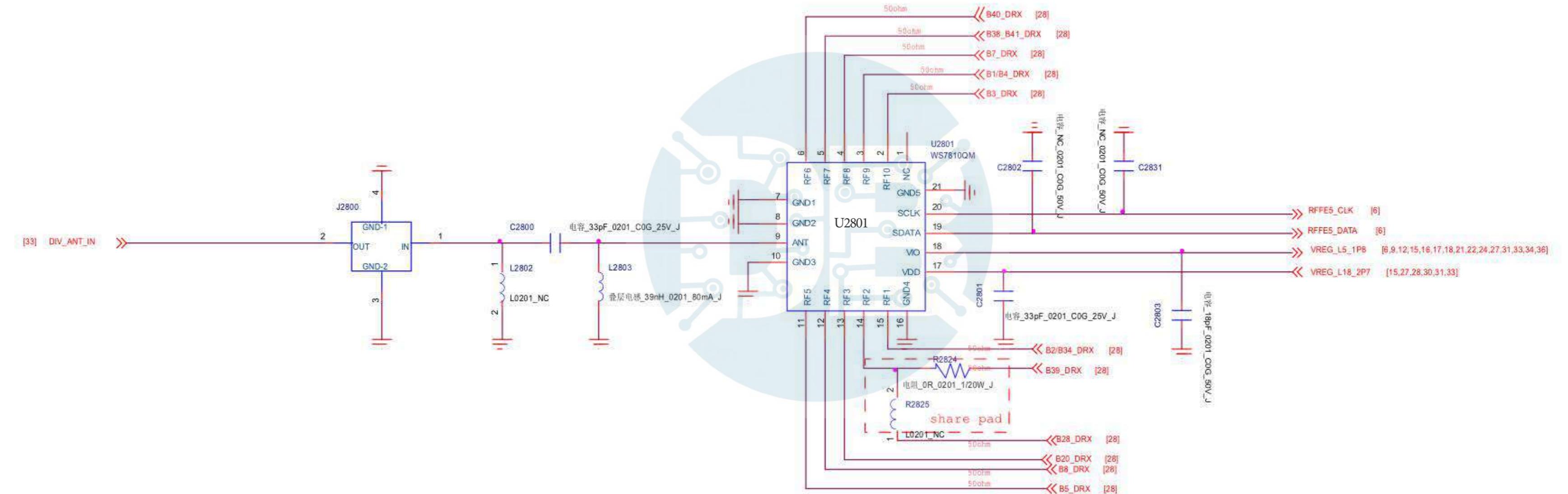


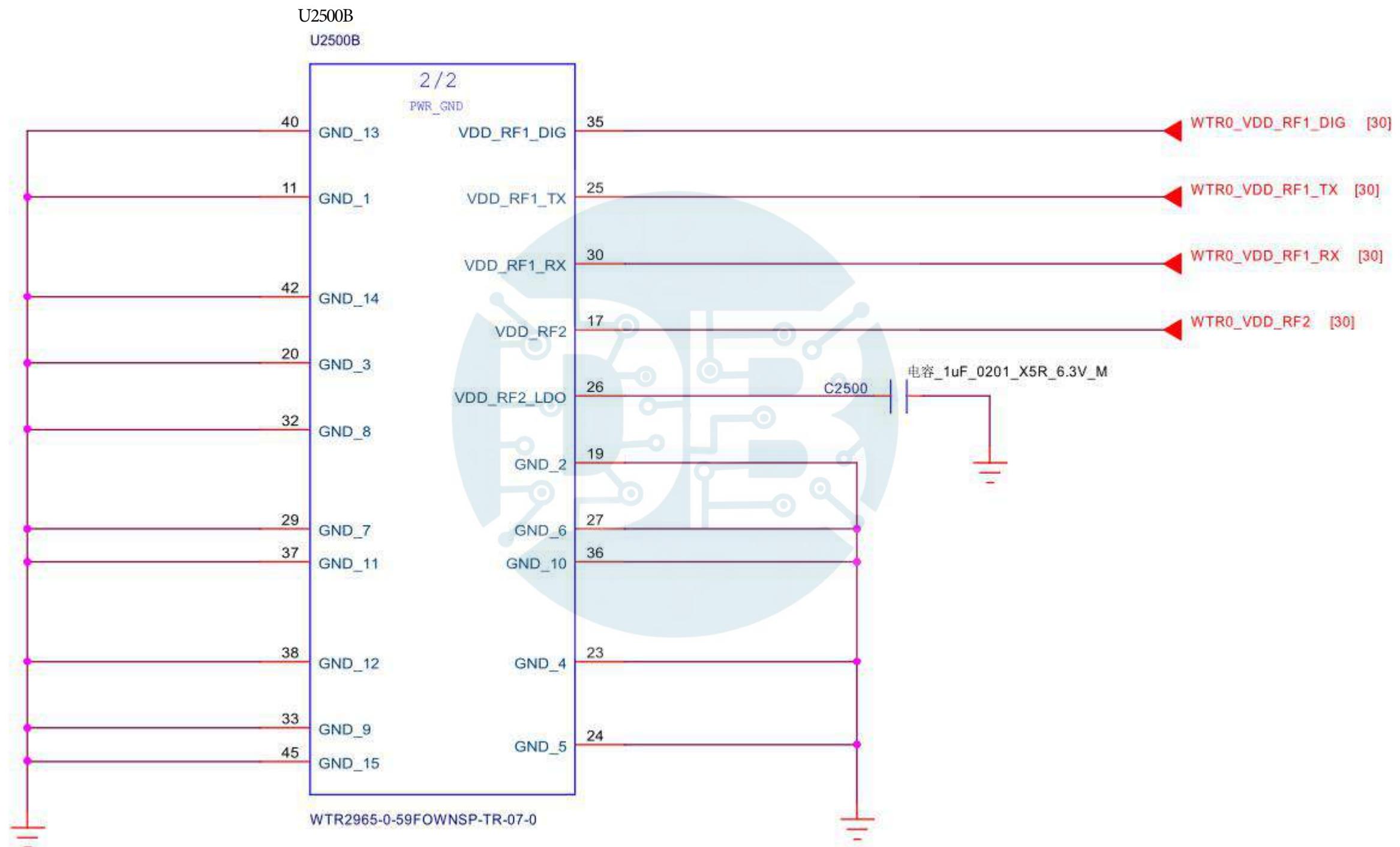




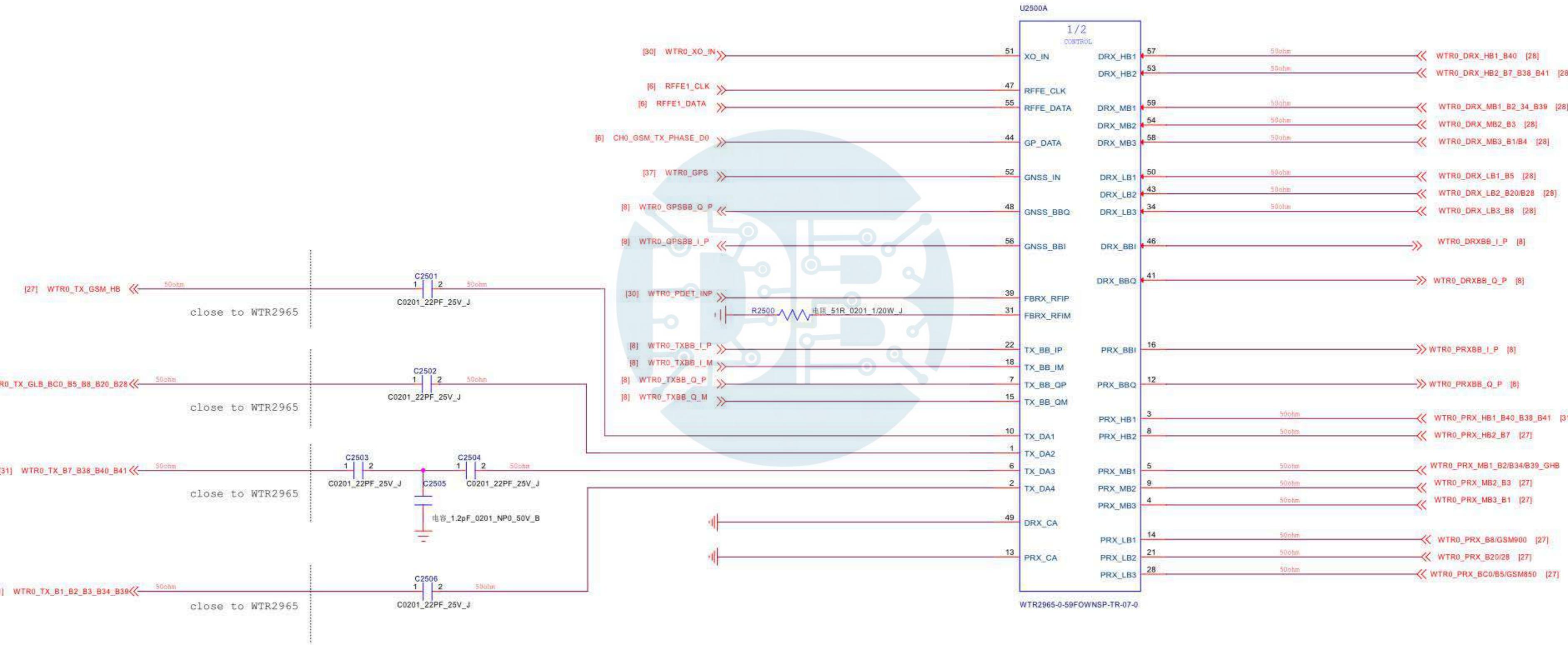
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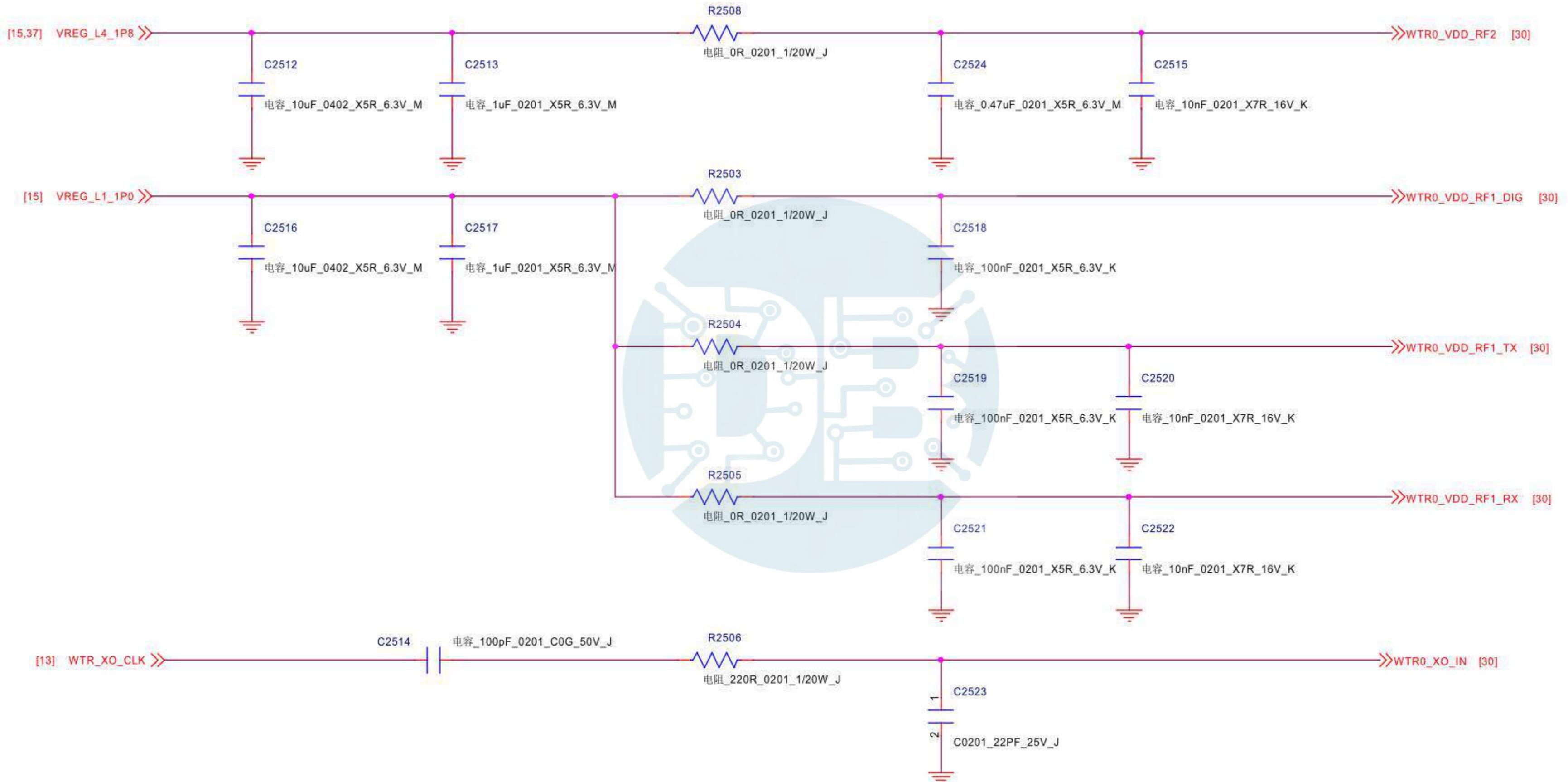
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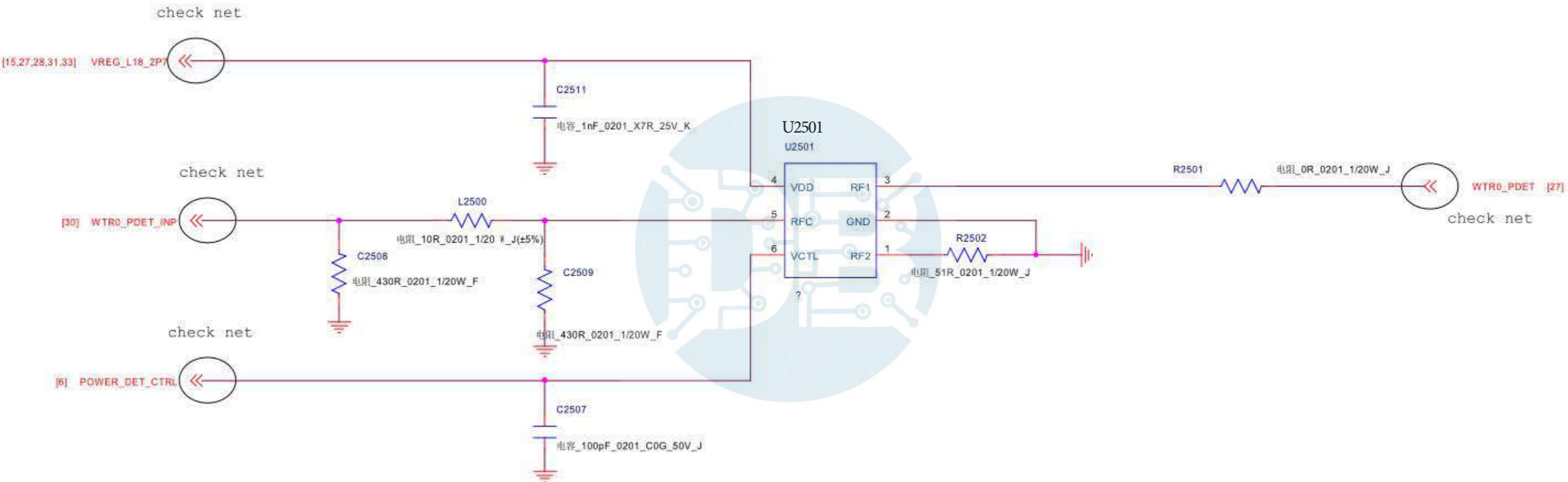


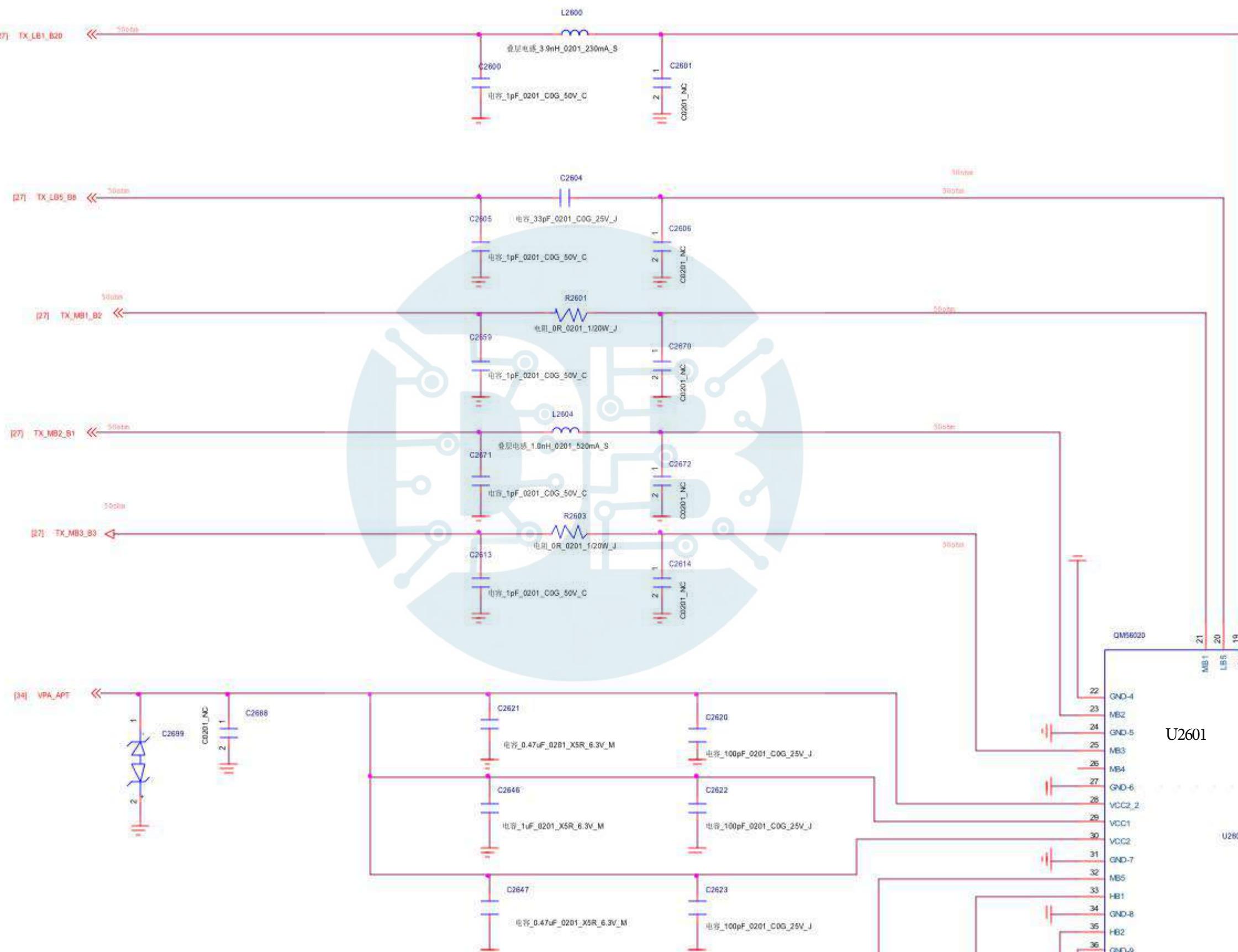


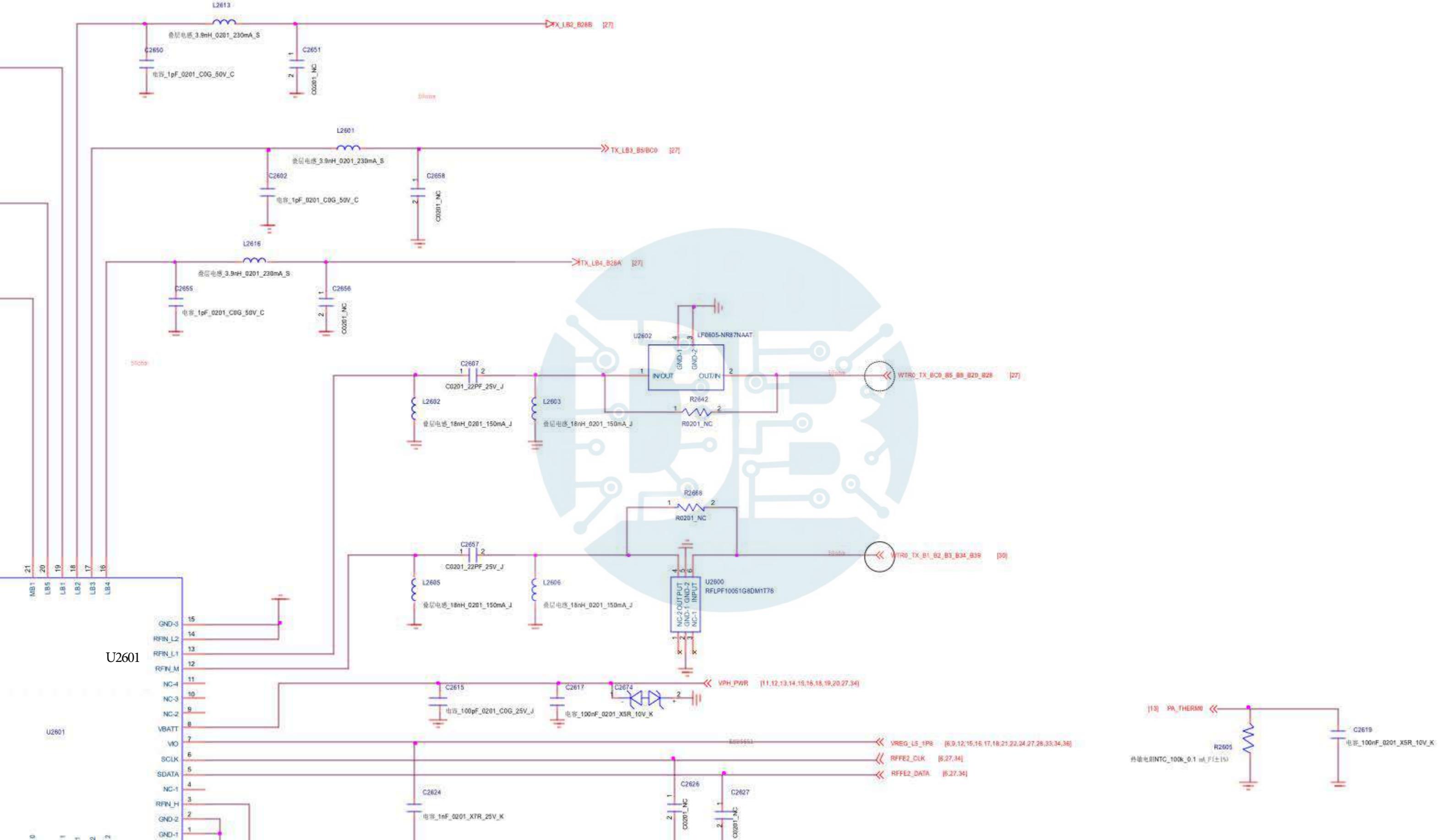
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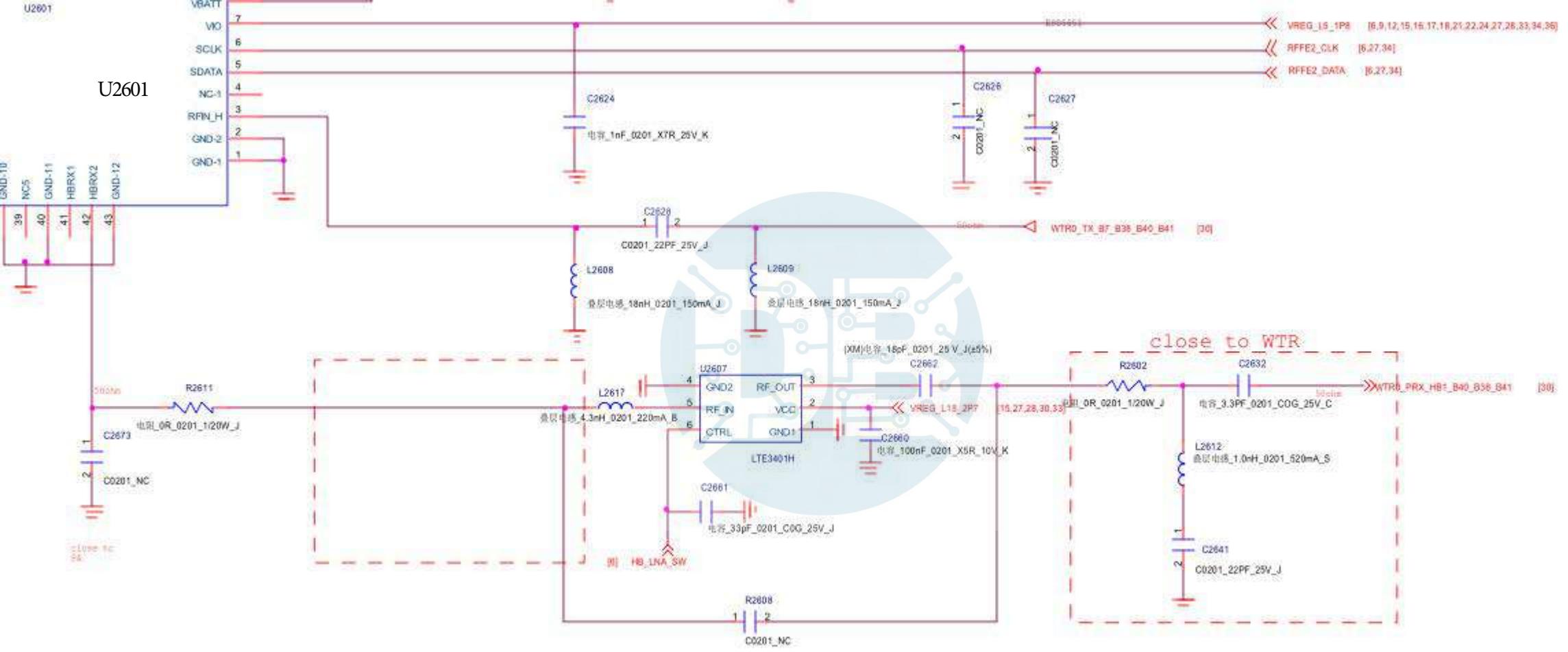


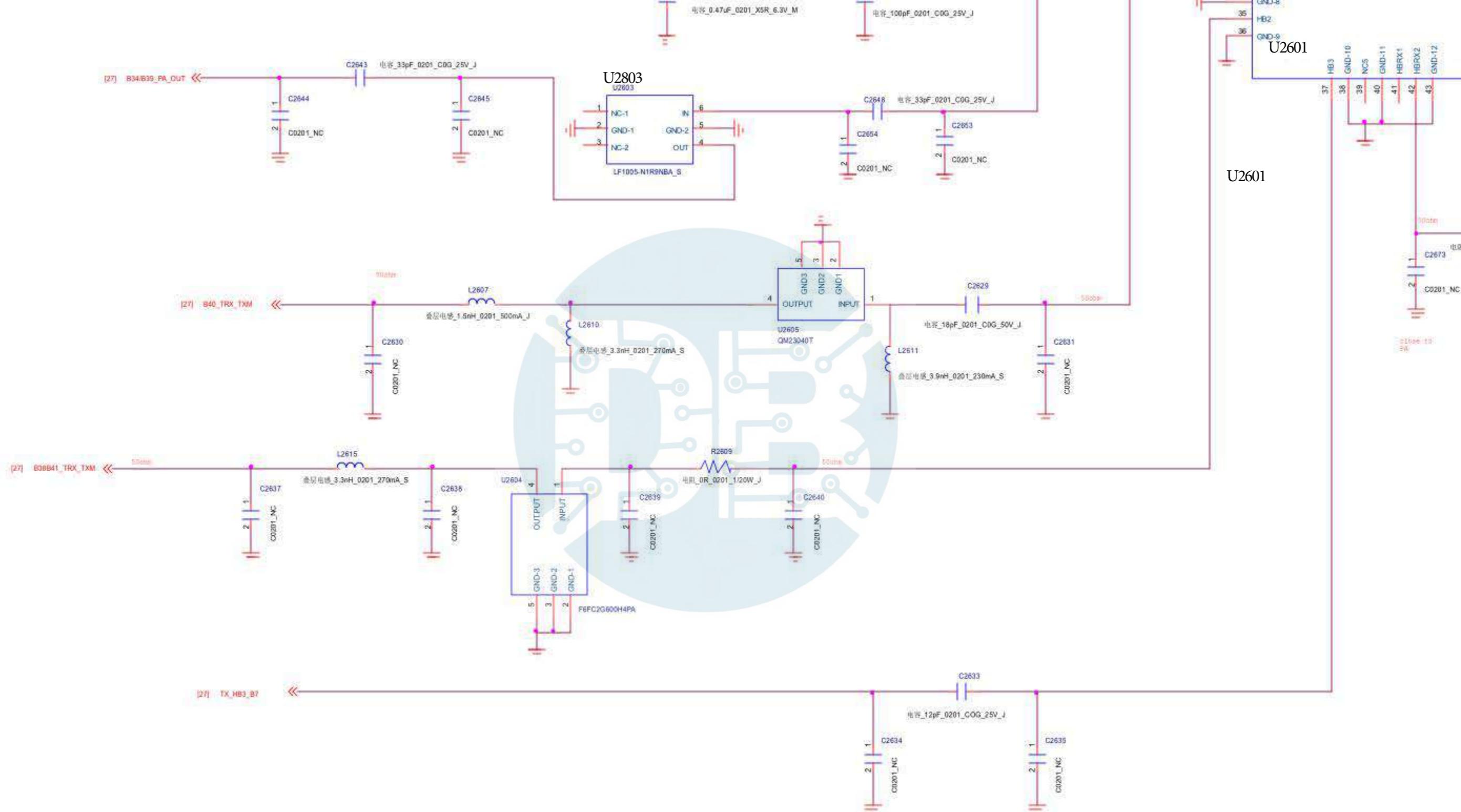




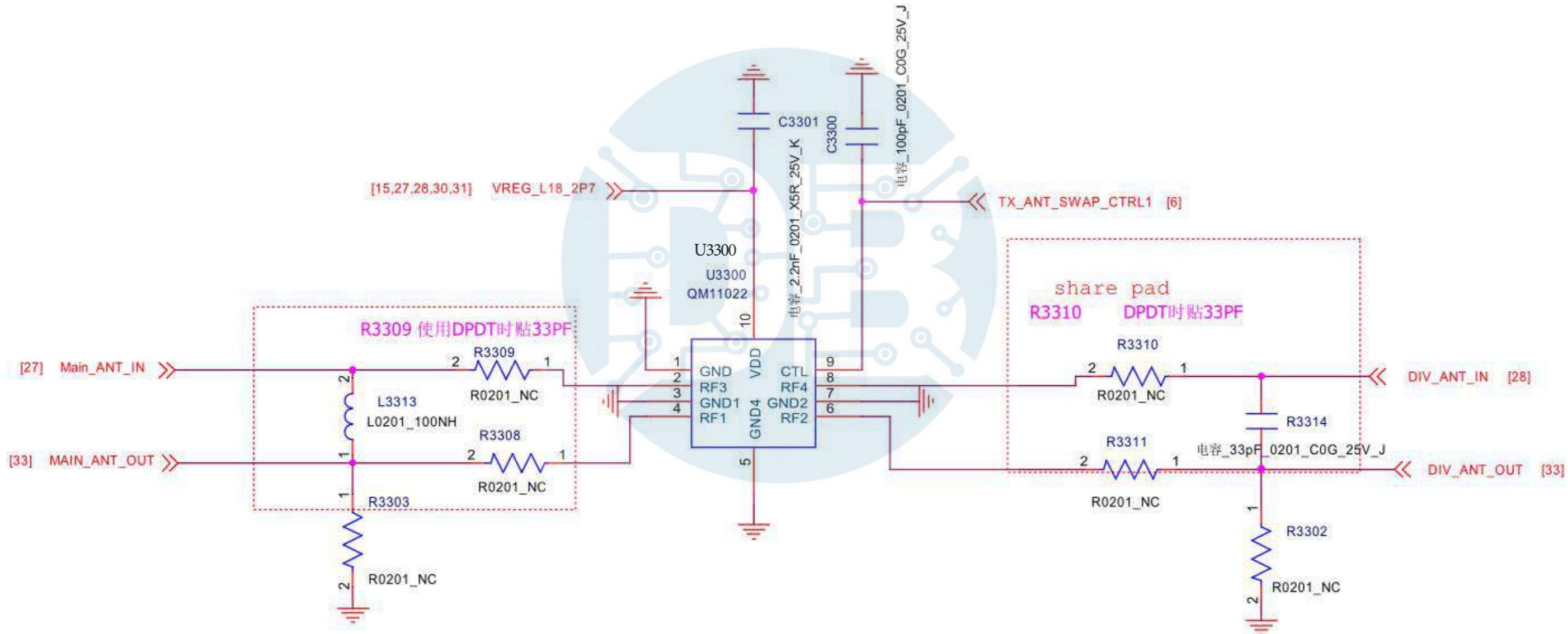


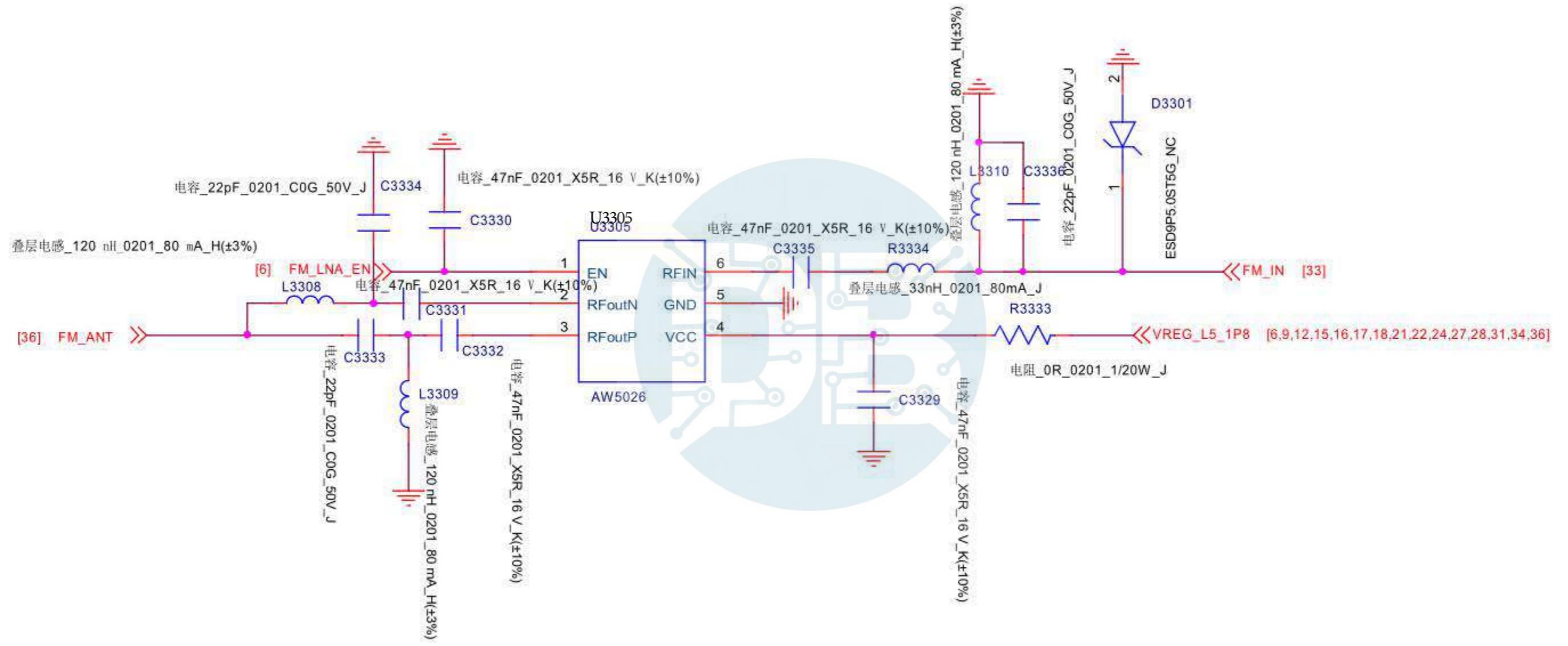




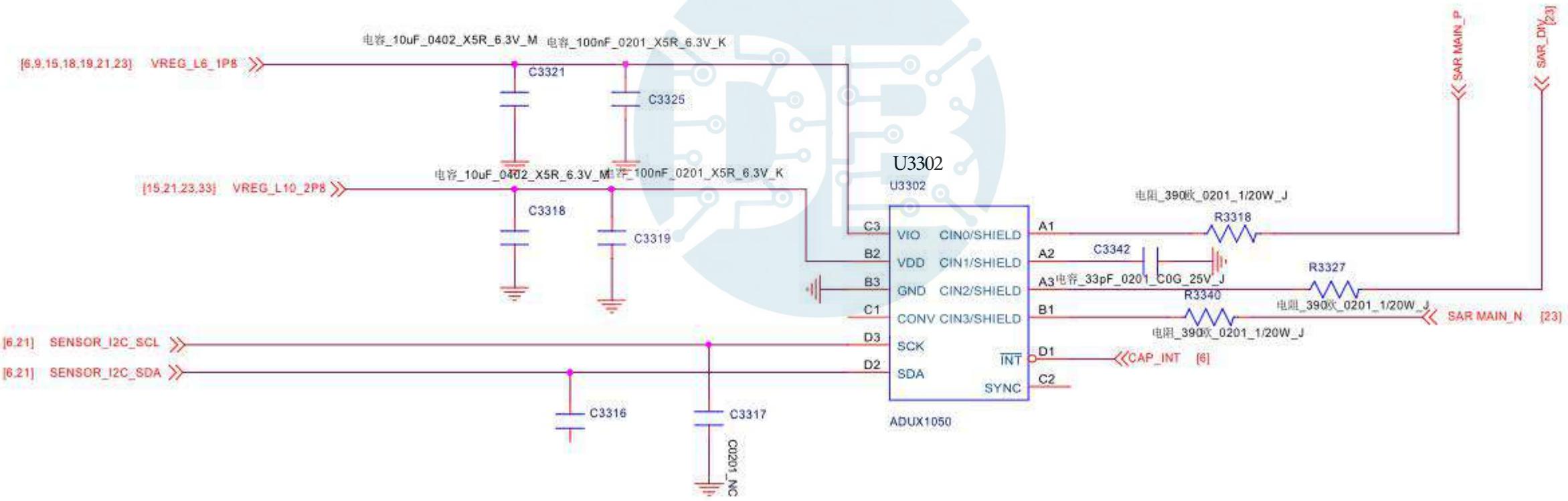


DPDT SWITCH



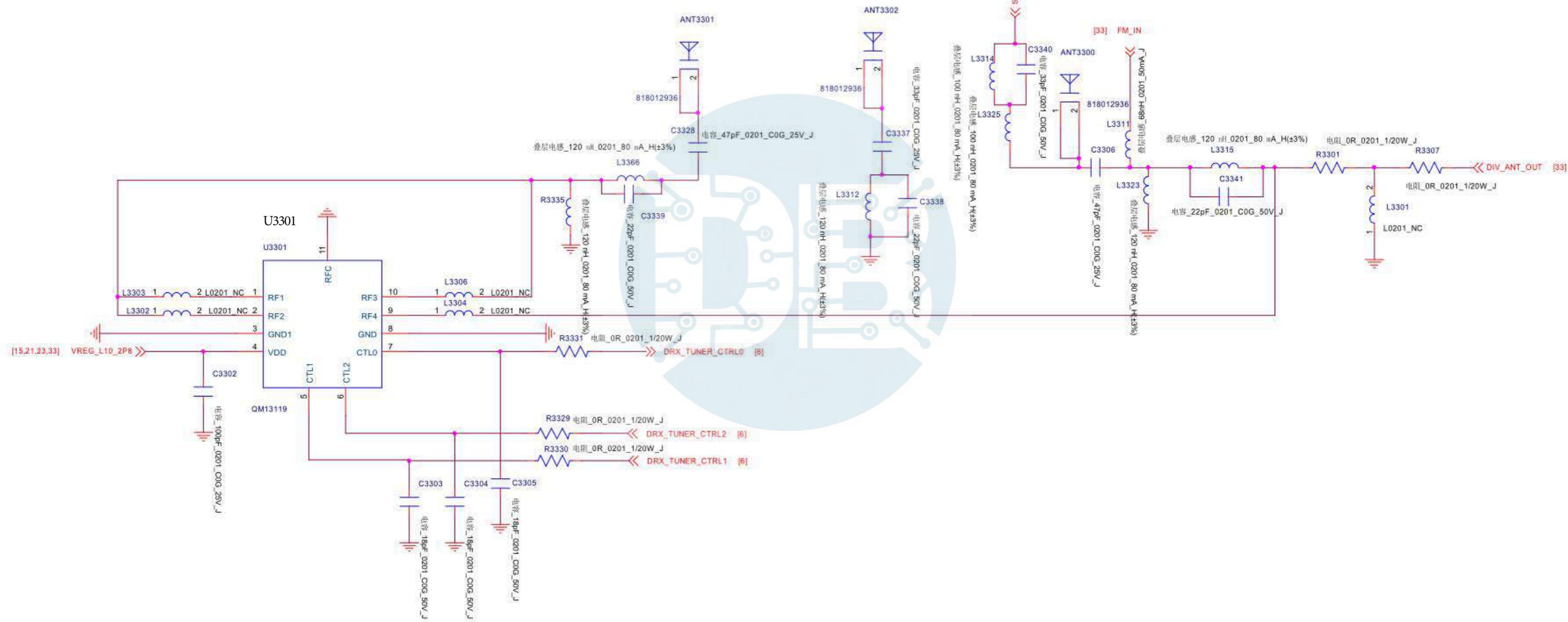


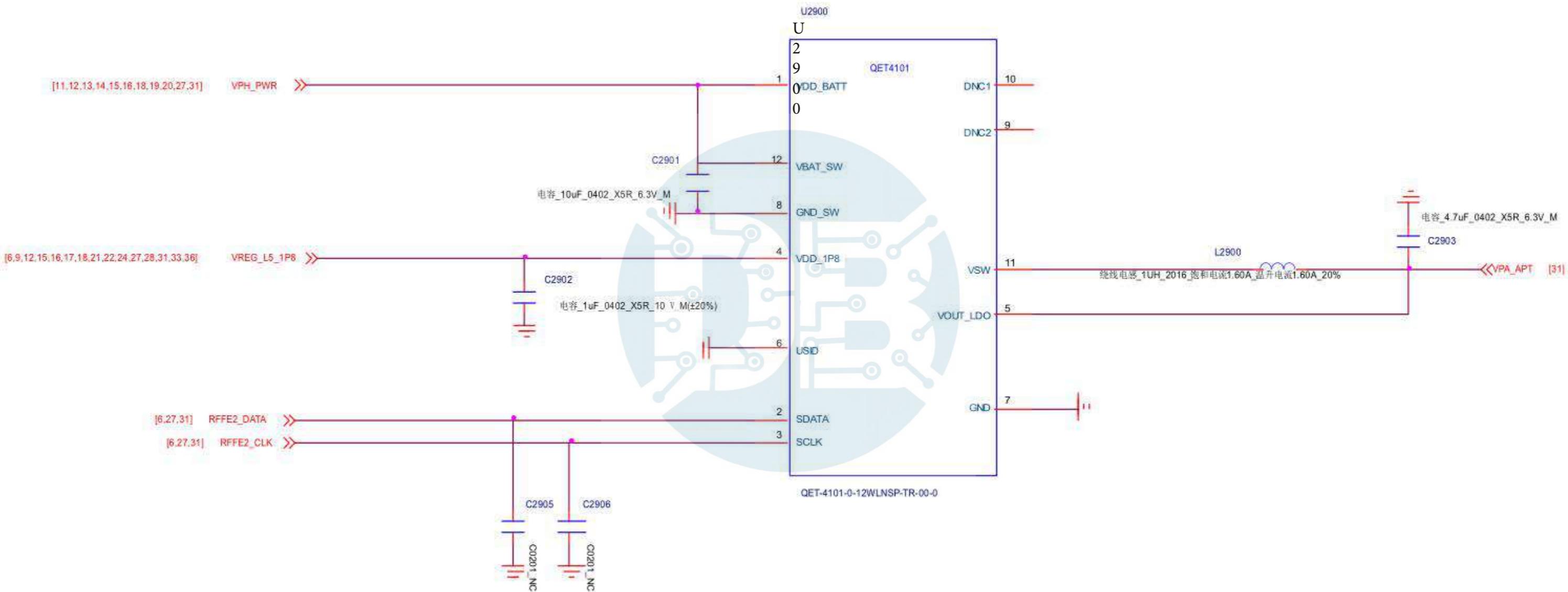
SAR Sensor



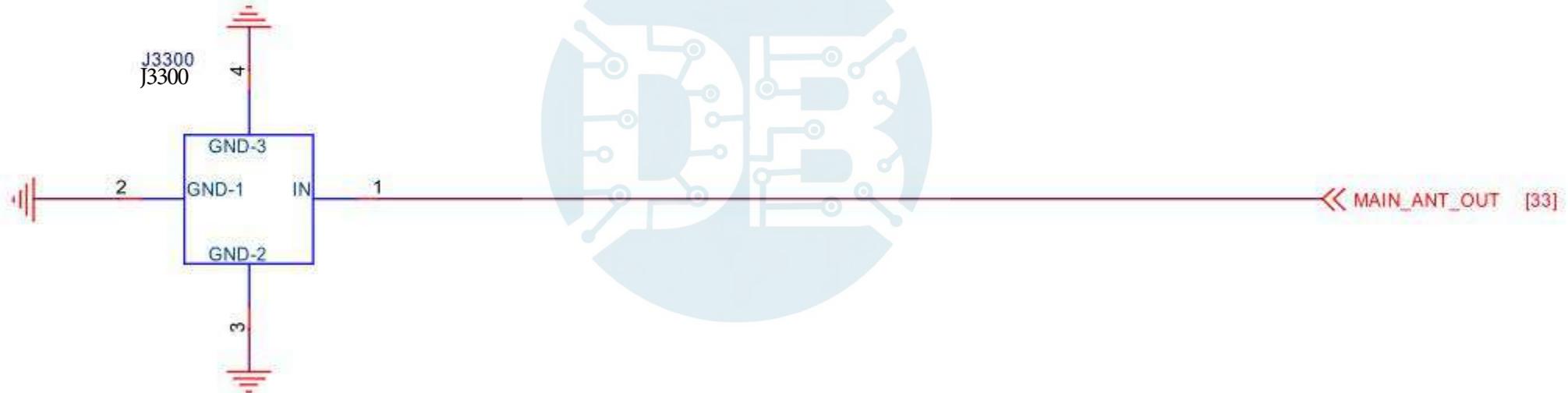
DIV ANT

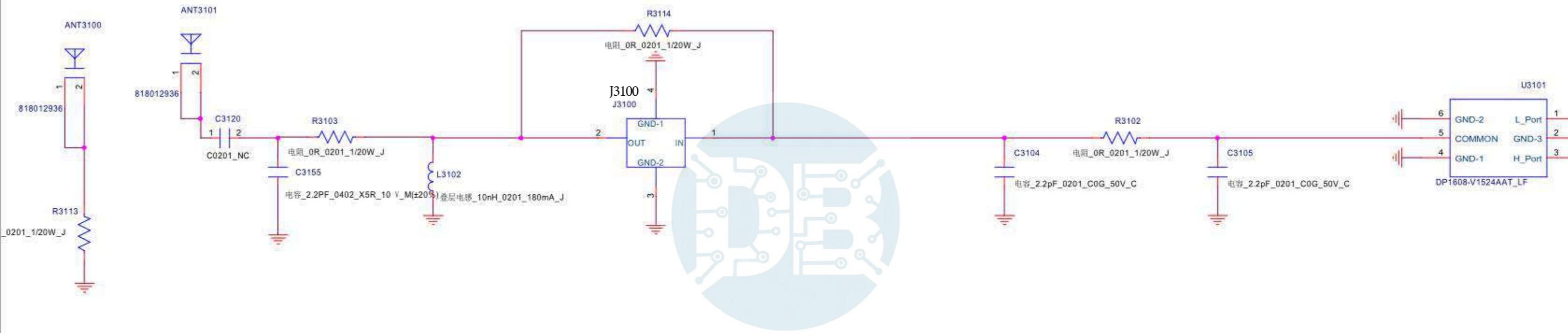
运用

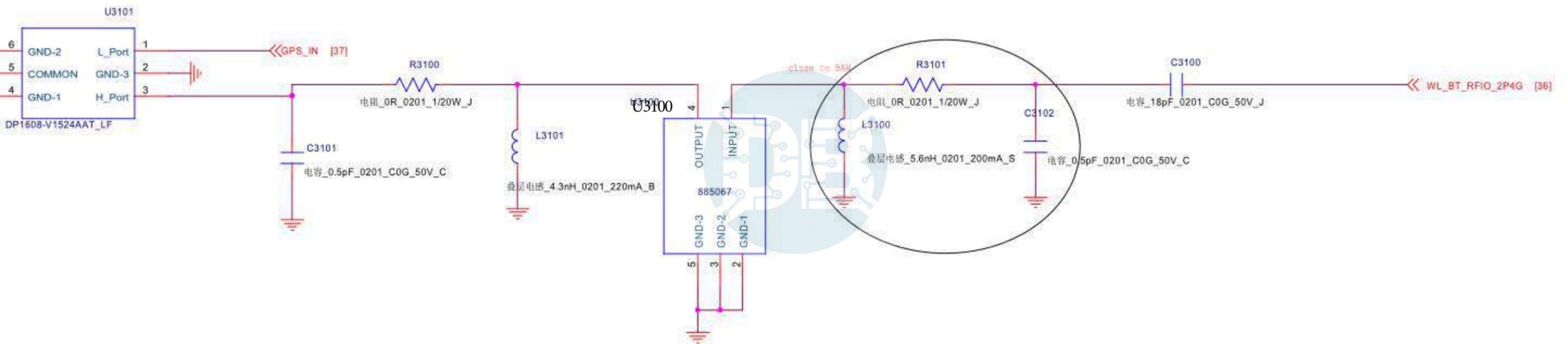


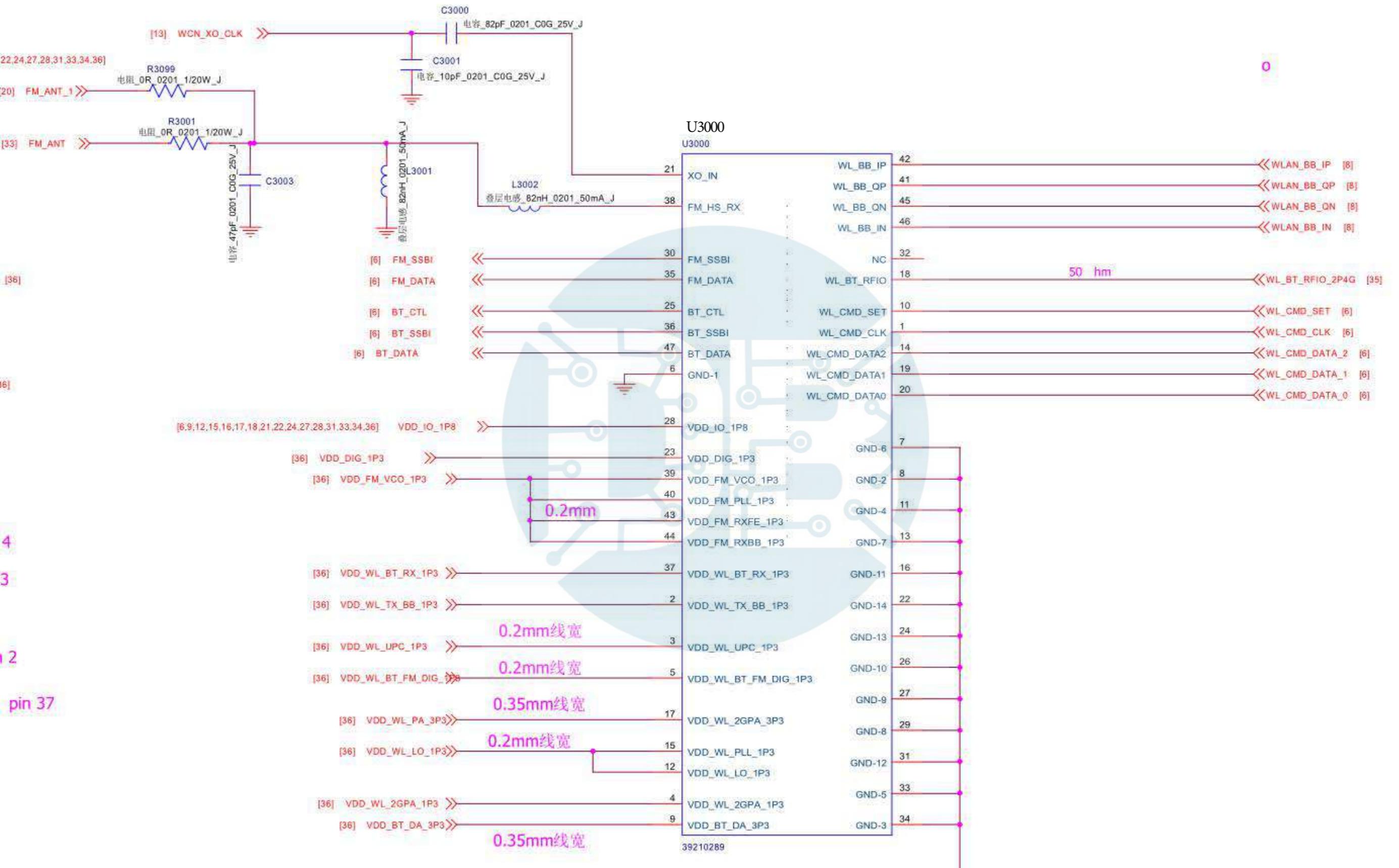


Main ANT









[6,9,12,15,16,17,18,21,22,24,27,28,31,33,34] VREG_L5_1P8 » VDD_IO_1P8 [6,9,12,15,16,17,18,21,22,24,27,28,31,33,34]

[15] VREG_L9_3P3 »

0.5mm线宽 Ipeak=300mA

SH3000

1

2

电容_100uF_0402_X5R_10% M(±20%)

电容_0.47uF_0201_X5R_6.3V_M

C3004

C3002

C3005

VDD_BT_DA_3P3

电容_100pF_0201_COG_25V_J
C3006

电容_100pF_0201_COG_25V_J
C3006

0.5mm线宽

