

1

2

3

4

A

A

B

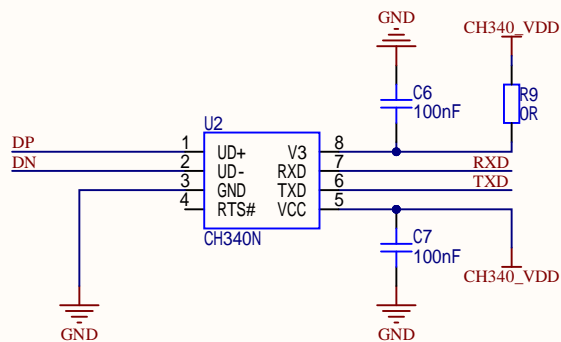
B

C

C

D

D



COVER[6A], POWER[1A] < DP
COVER[6A], POWER[1A] < DN

COVER[6A], COMM[1A] < RXD
COVER[6A], COMM[1A] < TXD

1

2

3

4

1

2

3

4

A

A

B

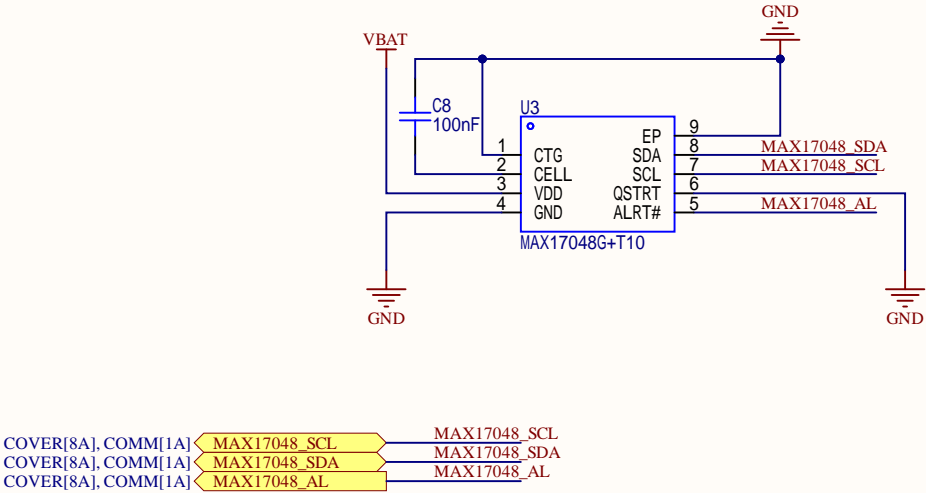
B

C

C

D

D

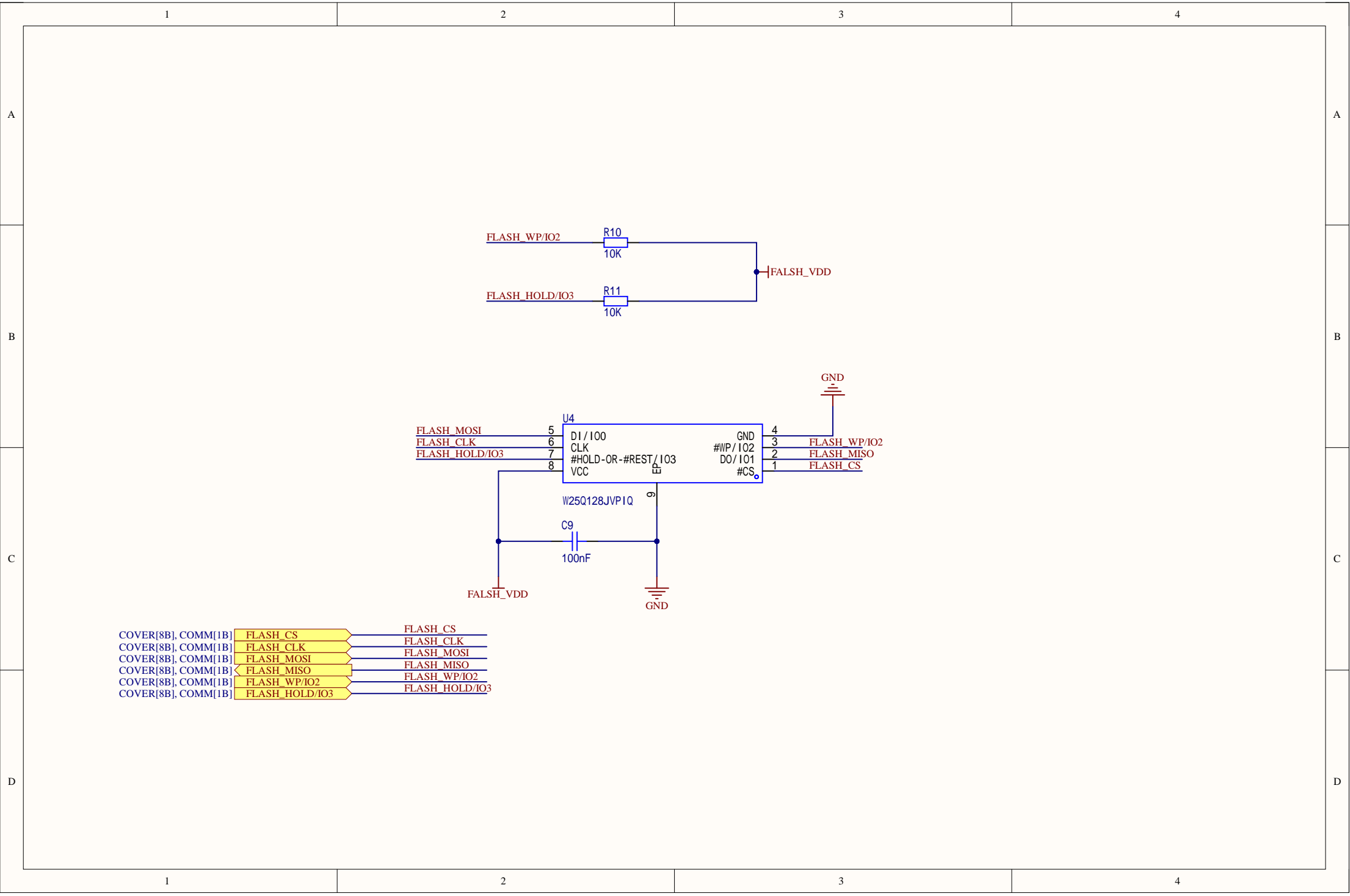


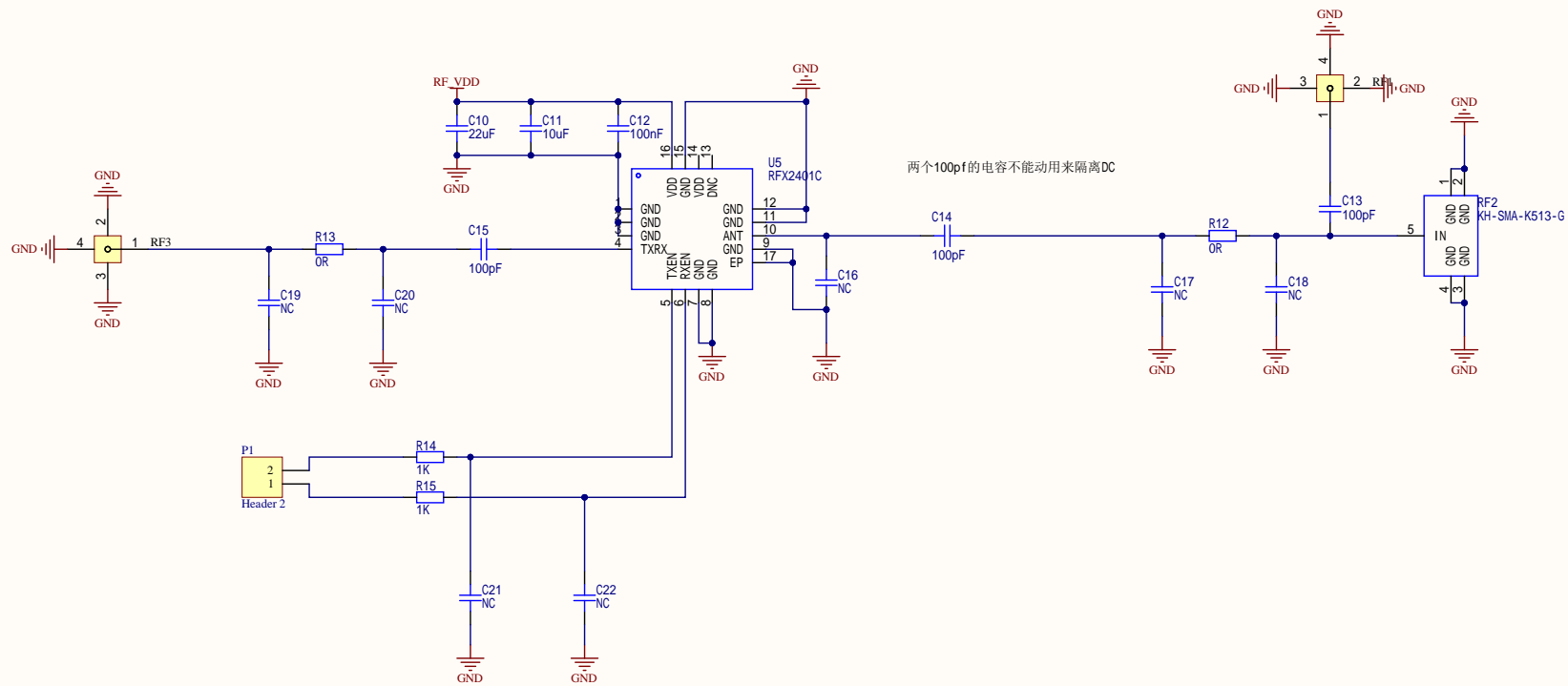
1

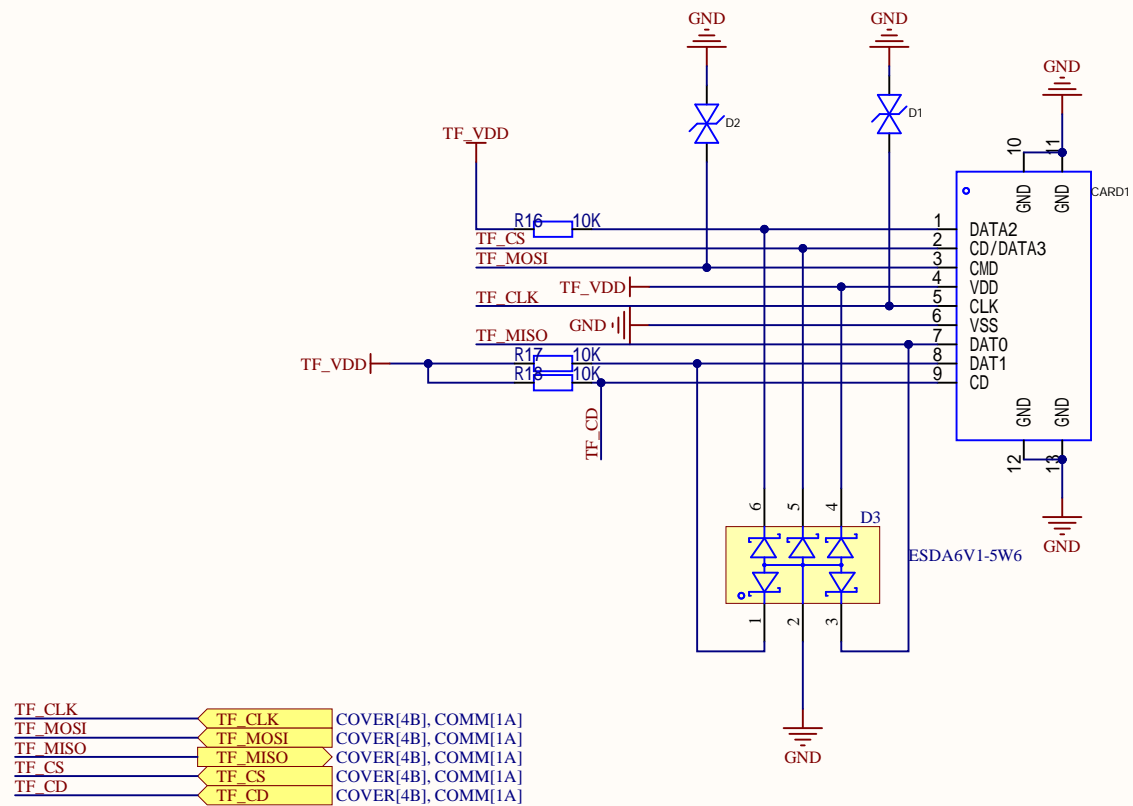
2

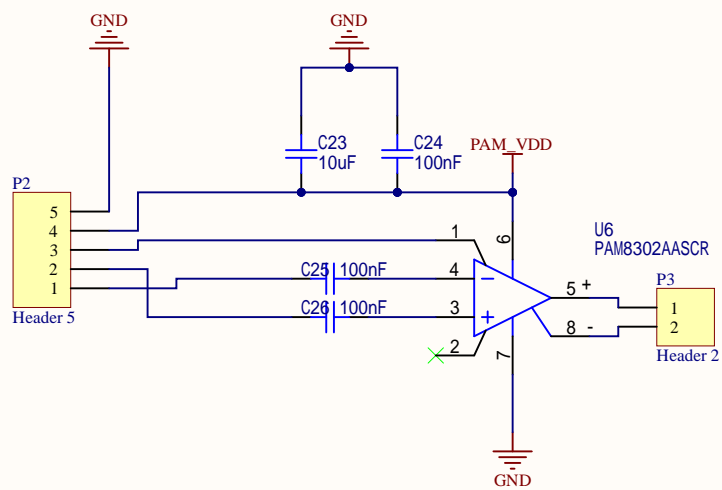
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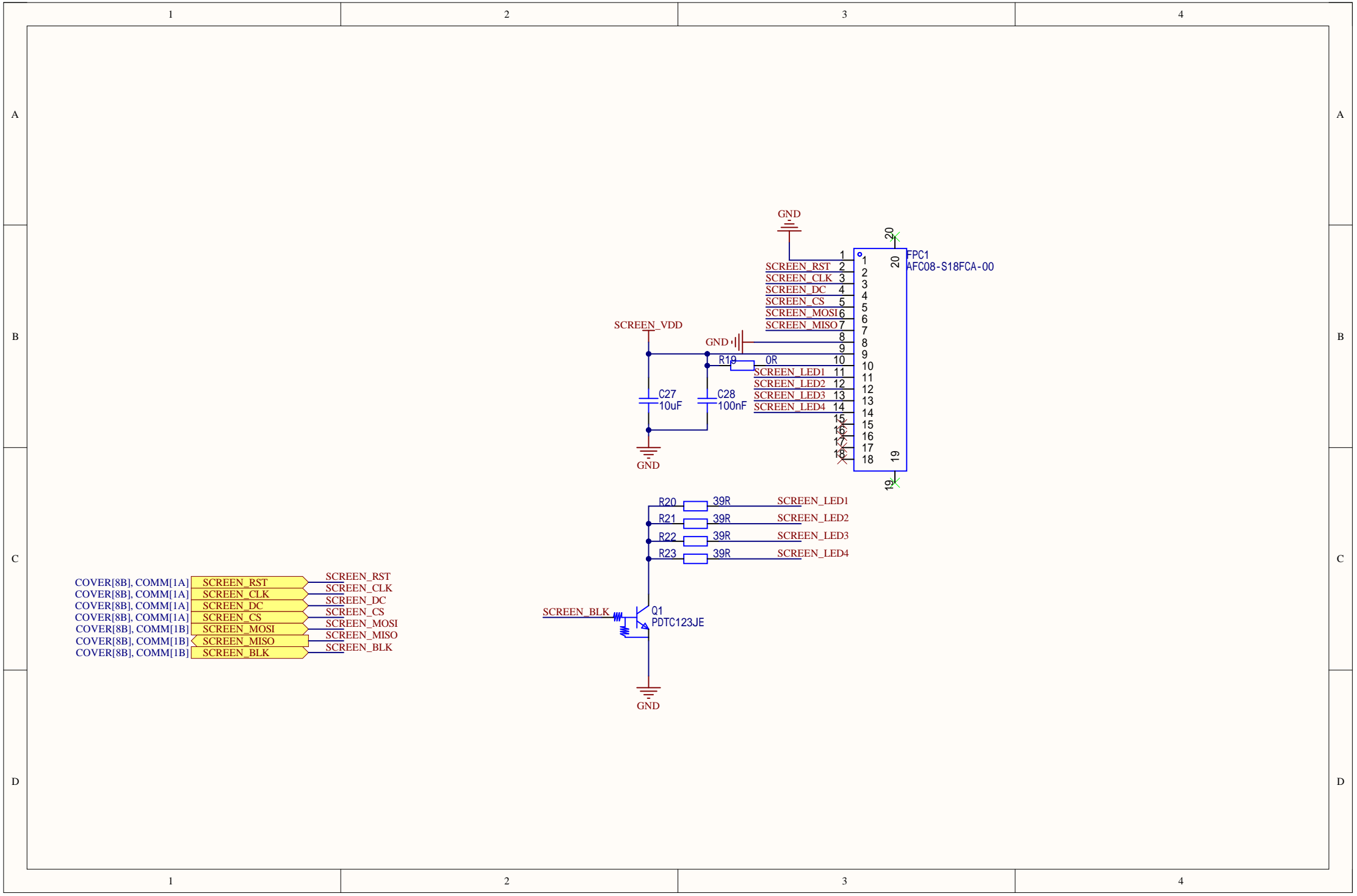
4

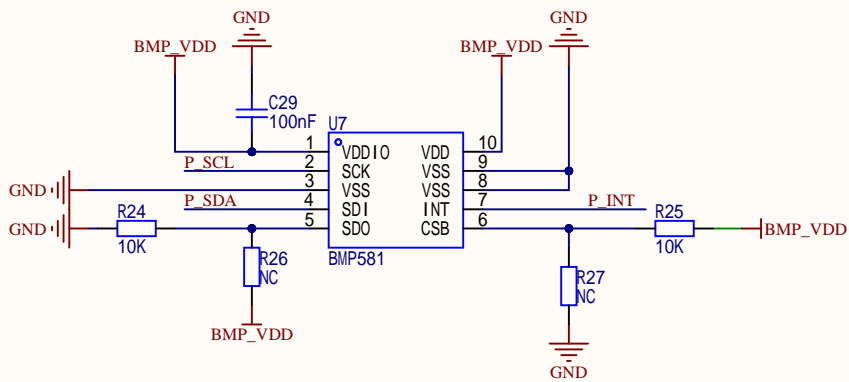




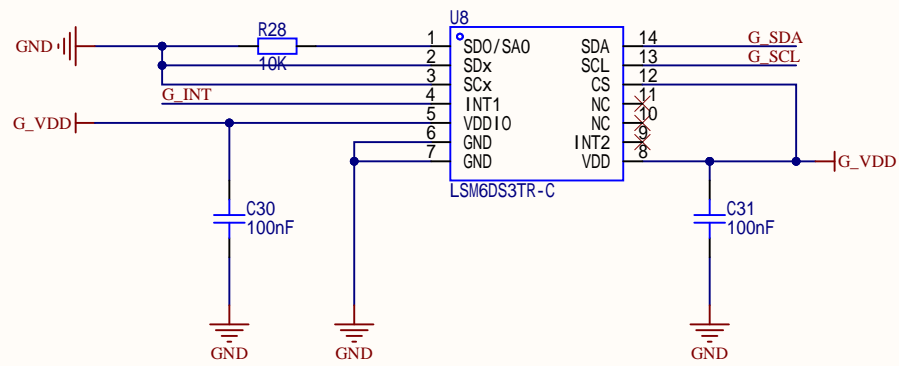




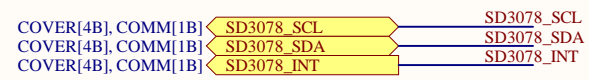
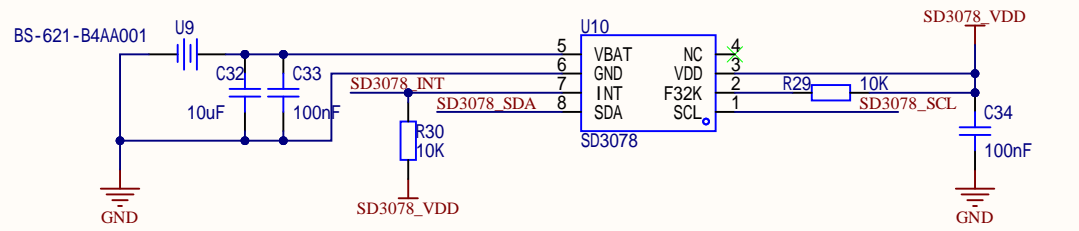




COVER[2C], COMM[1B]	P_SCL	P_SCL
COVER[2C], COMM[1B]	P_SDA	P_SDA
COVER[2C], COMM[2B]	P_INT	P_INT

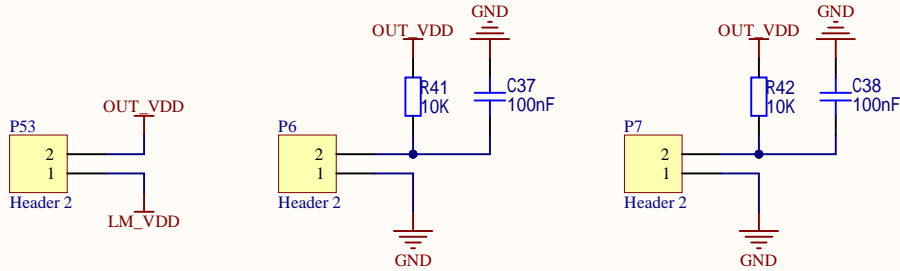
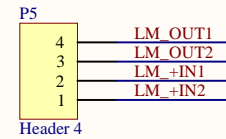
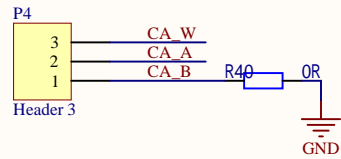
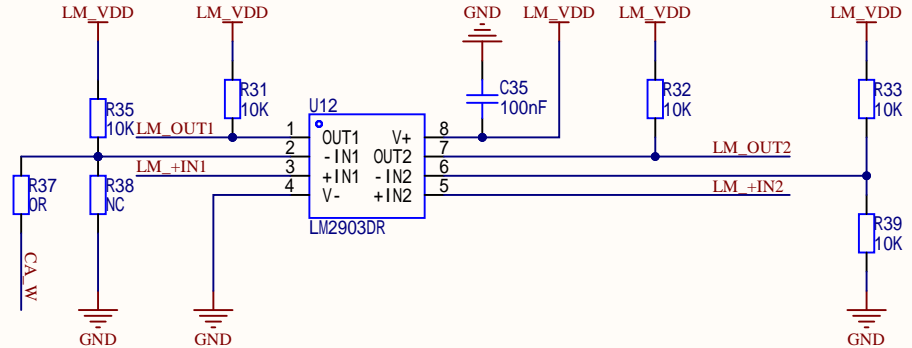
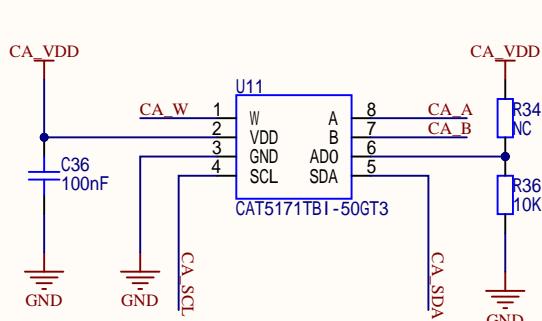


COVER[2B], COMM[1B] G_SCL
COVER[2B], COMM[1B] G_SDA
COVER[2B], COMM[1B] G_INT



COVER[4C], COMM[1B] CA_SCL
COVER[4C], COMM[1B] CA_SDA

LM393B 和 LM2903B 器件是业界通用 LM393 和 LM2903 比较器系列的下一代版本。下一代 B 版本比较器具有更低的失调电压、更高的电源电压能力、更低的电源电流、更低的输入偏置电流和更低的传播延迟，并通过专用 ESD 钳位提高了 2kV ESD 性能和输入耐用性。LM393B 和 LM2903B 可直接替代 LM293、LM393 和 LM2903 (“A” 和 “V” 版本)。



A

B

C

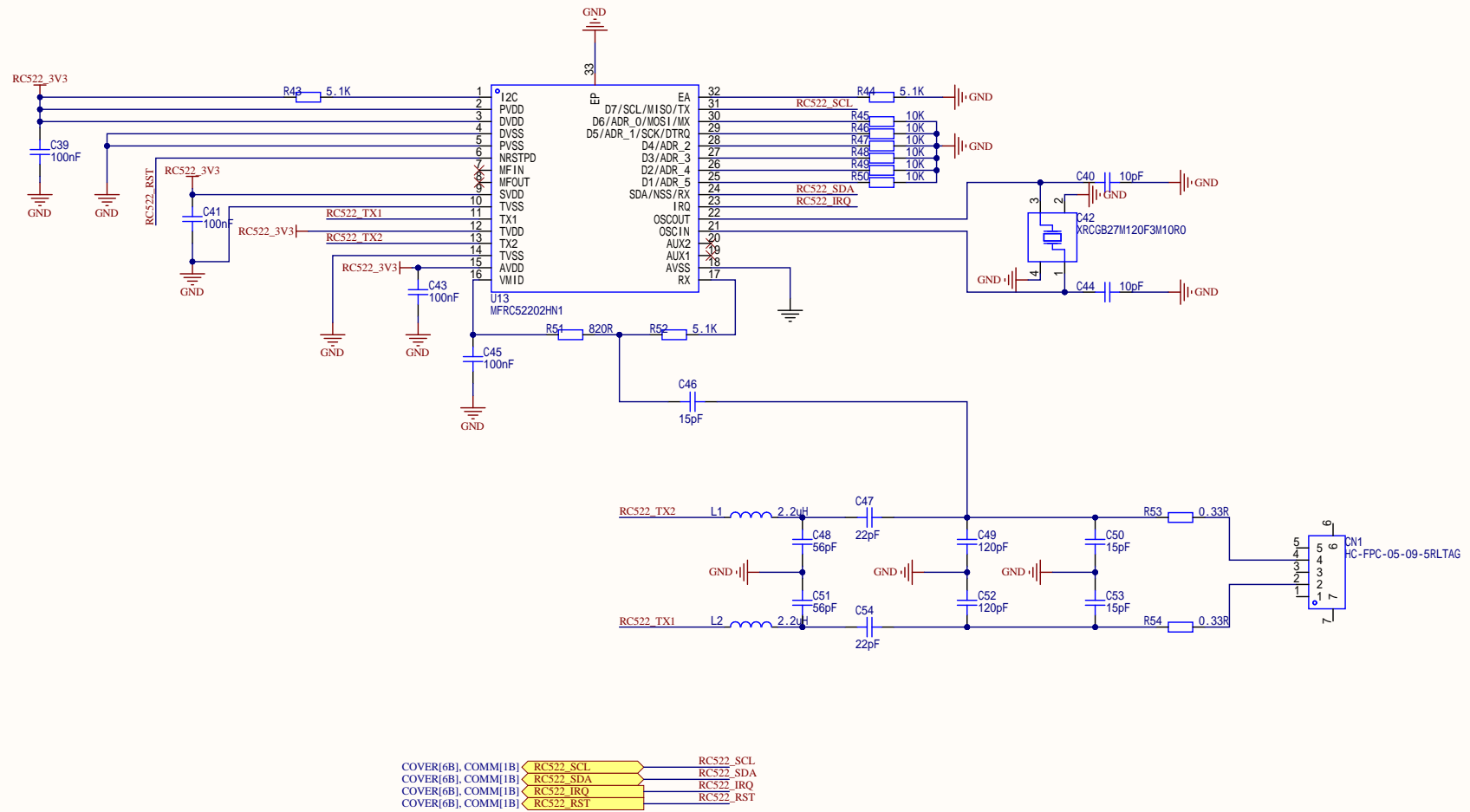
D

A

B

C

D



A

B

C

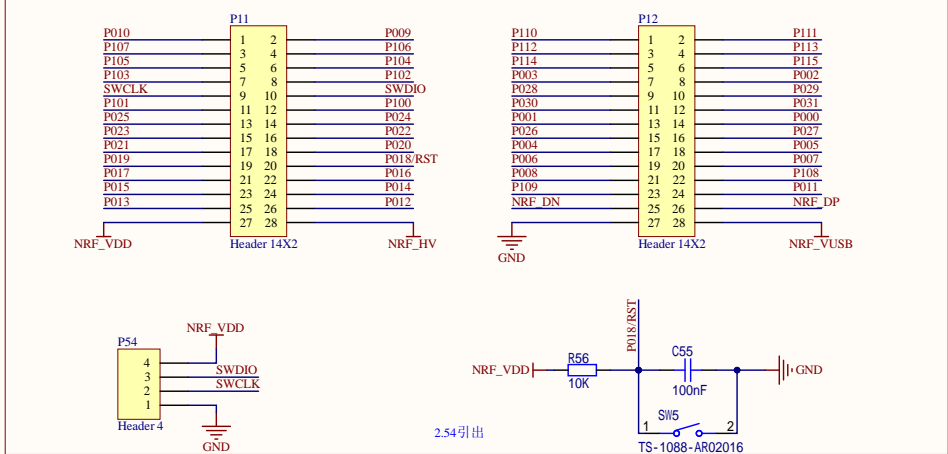
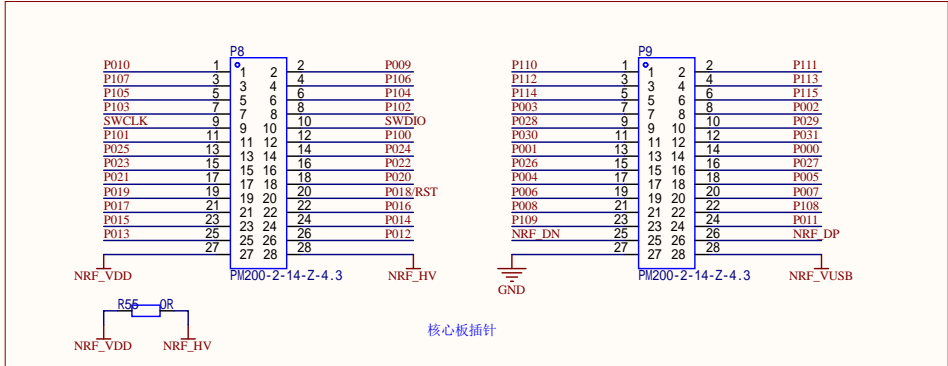
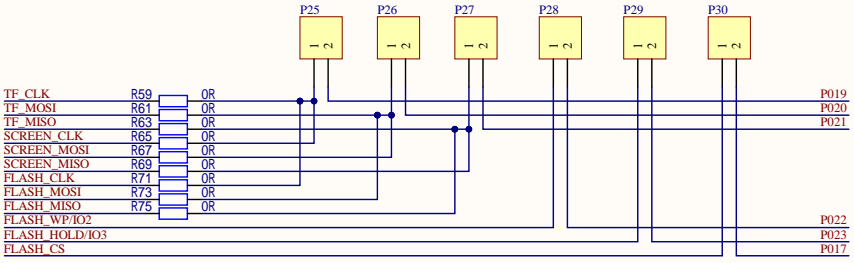
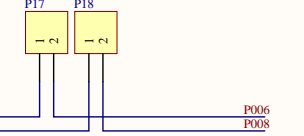
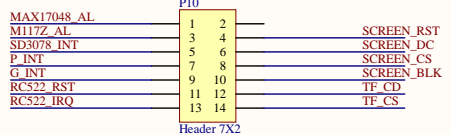
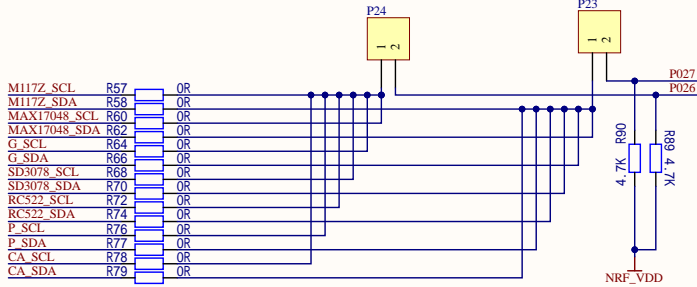
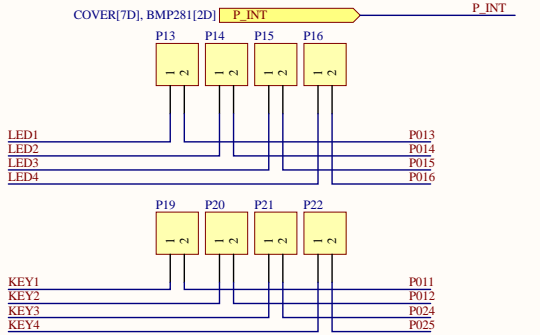
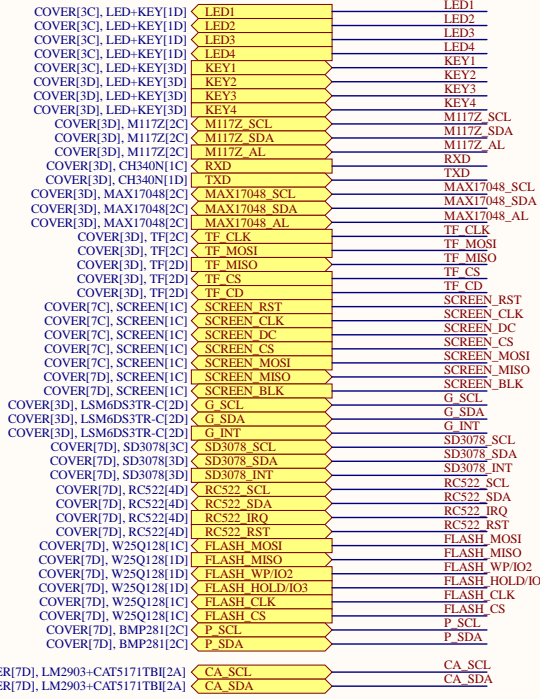
D

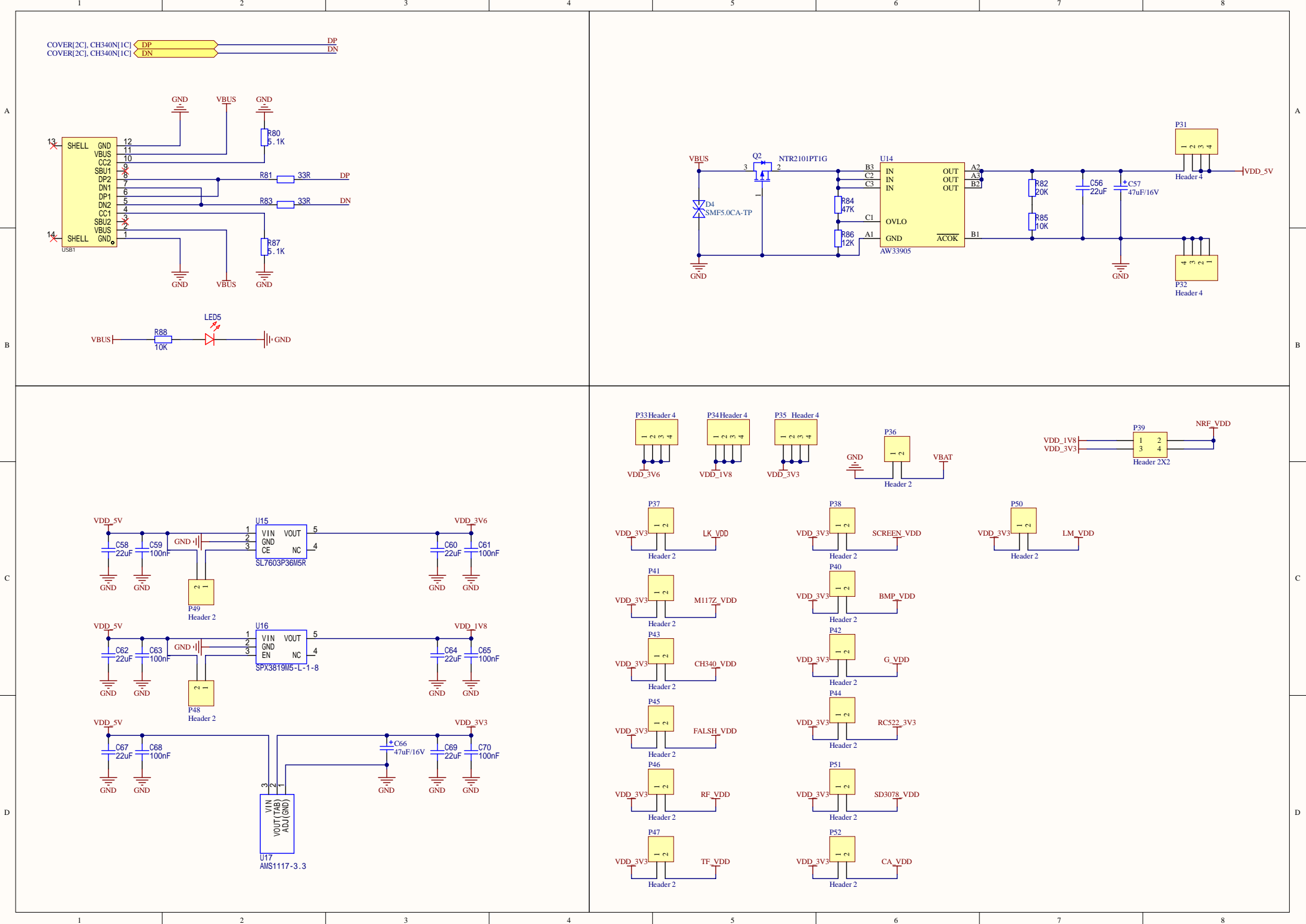
A

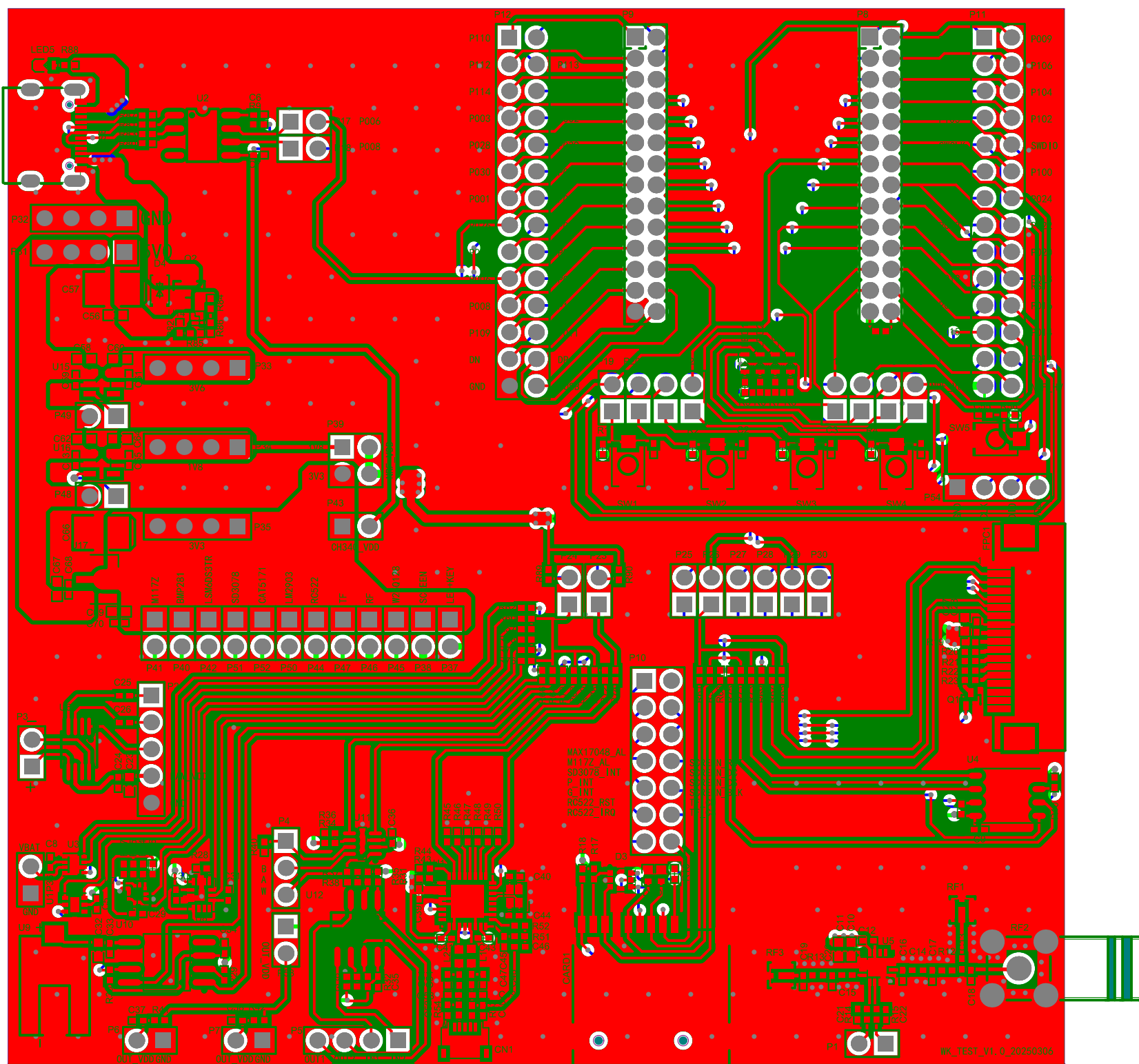
B

C

D







Comment	Description	Designator	Footprint	LibRef	Quantity
		C1, C2, C3, C4, C5, C6, C7, C8, C9, C12, C24, C25, C26, C28, C29, C30, C31, C33, C34, C35, C36, C37, C38, C39, C41, C43, C45, C55, C59, C61, C63, C65, C68, C70, C75, C56, C58, C60, C62, C64, C67, C69			
100nf			C0402	CAP_0402	34
22uf			C0603	CAP_0603	8
10uf			C0603	CAP_0603	4
100pf			C0402	CAP_0402	3
NC			C0402	CAP_0402	7
10pf			C0402	CAP_0402	2
ARC6827M120F3M1			C402	CRYSTAL_SMD_4P	1
080			C402	CRYSTAL_SMD_4P	1
15pf			C0402	CAP_0402	3
22pf			C0402	CAP_0402	2
10uf			C0402	CAP_0402	2
100pf			C0402	CAP_0402	2
47uf/16V	J Polarized Capacitor 有极性电容	C57, C66	CASE-8_3528	Cap_CASE_8_3528	2
TF-115-BCP9		CARD1	TF-SMD_3F-115-BCP9	TF-115-BCP9	1
HC-FPC-05-09-S8TAG		CN1	CONN-SMD_SP-P050_HCTL_HC-FPC-05-09-S8TAG	HC-FPC-05-09-S8TAG	1
DESD3V351BL-7B		D1, D2	V1-DFN1006-2-L10-V0.6-BI	DESD3V351BL-7B	2
ESDA6V1-5W6	C87908	D3	SOT123-AL-L2.0-W1.1-LS1-B88	ESDA6V1-5W6	1
SMF5.0CA-TP	C914432	D4	SOD-128FL-L2.8-W1.7-LS2-B	SMF5.0CA-TP	1
AFCO8-S18FCA-00		FPC1	FPC-SMD_P080-18P-W5XJ	AFCO8-S18FCA-00	1
2.3uh		L1, L2	L0603	L_0603	2
LED_0603-R		LED1, LED2, LED3, LED4, LED5	LED_0603	LED_0603-R	5
Header 2	Header, 2-Pin	P1, P2, P6, P7, P13, P14, P15, P16, P17, P18, P19, P20, P21, P22, P23, P24, P25, P26, P27, P28, P29, P30, P36, P37, P38, P40, P41, P42, P43, P44, P45, P46, P47, P48, P49, P50, P51, P52, P53	HDR1X2	Header 2	39
Header 5	Header, 5-Pin	P2	HDR1X5	Header 5	1
Header 3	Header, 3-Pin	P4	HDR1X3	Header 3	1
Header 4	Header, 4-Pin	P5, P31, P32, P33, P34, P35, P54	HDR1X4	Header 4	7
PM200-2-14-Z-4.3		P8, P9	HDR-TL_200-P2.00-V-F-42-C14-52.00_MF200V-12-ZB-090	PM200-2-14-Z-4.3_C3012178	2
Header 7X2	Header, 7-Pin, Dual row	P10	HDR2X7	Header 7X2	1
Header 14X2	Header, 14-Pin, Dual row	P11, P12	HDR2X14	Header 14X2	2
Header 2X2	Header, 2-Pin, Dual row	P39	HDR2X2	Header 2X2	1
POTC123E	J MOSFET场效应管 灌沟 二极管	Q1	SOT-523-L1.6-W0.8-P1.00-LS1.6-BR	POTC123E	1
NTR2101PT1G		Q2	SOT-23SOT-23-3	NTR2101PT1G	1
10K		R1, R2, R3, R4, R10, R11, R16, R17, R18, R24, R25, R26, R29, R30, R31, R32, R36, R41, R42, R45, R46, R47, R48, R49, R50, R56, R85, R88	RM02	Res_0402	28
5.1K		R5, R6, R7, R8, R43, R44, R52, R88, R87	RM02	Res_0402	9
0R		R6, R12, R13, R19, R55, R57, R58, R59, R60, R61, R62, R63, R64, R65, R66, R67, R68, R69, R70, R71, R72, R73, R74, R75, R76, R77, R78, R79	RM02	Res_0402	28
1K		R14, R15	RM02	Res_0402	2
20R		R20, R21, R22, R23	RM02	Res_0402	4
NC		R26, R27, R34	RM02	Res_0402	3
10K		R31, R35, R39	RM03	Res_0603	3
0R		R37, R40	RM03	Res_0603	2
NC		R38	RM03	Res_0603	1
0R0R		R51	RM02	Res_0402	1
0.15K		R52, R54	RM02	Res_0402	2
13R		R81, R83	RM02	Res_0402	2
20K		R82	RM02	Res_0402	1
47K		R84	RM02	Res_0402	1
12K		R86	RM02	Res_0402	1
4.7K		R89, R90	RM02	Res_0402	2
BWPK-4-001E	C784601	R91, R93	FFK-SMD_BWPK-4-001E	BWPK-4-001E	2
KH-SMA-K513-G		R92	ANT-TL_KH-SMA-K513-G	KH-SMA-K513-G	1
TS-108B-AR02016		SW1, SW2, SW3, SW4, SW5	SW-SMD_L3.9-W3.0-P4.45	TS-108B-AR02016	5
M1172		U1	TDFN-4-L2.0-W2.0-P0.65-TL-EP1-4	M1172	1
CH340N		U2	SOP-8-L4.9-W3.9-P0.50-BL-EP	CH340N	1
MAX1704BG-T10		U3	DFN-8-L2.0-W2.0-P0.50-BL-EP	MAX1704BG-T10	1
W25C128VPIQ		U4	VSON-8-L4.0-W5.0-P1.27-BL-EP	W25C128VPIQ_C19	1
RFX2401C		U5	DFN-16-L3.0-W2.8-P0.50-BL-EP1-7	RFX2401C	1
PAM8302AASCR		U6	MSOP-8-L3.0-W3.0-P0.65-LS0.0-BL	PAM8302AASCR	1
BMP581		U7	LGA-10-L2.0-W2.0-P0.50-TL-BMP581	BMP581	1
LSM6DS3TR-C		U8	LGA-14-L3.0-W2.5-P0.50-TL	LSM6DS3TR-C	1
BS-621-B4AA001		U9	BAAT-SMD_BS-621-B4AA001	BS-621-B4AA001	1
SD3078		U10	SOP-8-L3.3-W5.2-P1.27-LS7.9-BL	SD3078	1
CAT5171TB-S0GT3		U11	SOT-23-L1.1-L1.0-W1.7-P0.65-LS2.8-B8	CAT5171TB-S0GT3	1
LM2930DR		U12	SOIC-8-L3.0-W4.0-P1.27-LS6.0-BL	LM2930DR	1
MFRC522024N1		U13	WQFN-32-L5.0-W5.0-P0.50-TL-EP3-1	MFRC522024N1	1
AW23905	C401024	U14	DS89A-9-L12-WF1.2-R3-C3-P0.40-BL	AW23905	1
SL7603P36MSR		U15	SOT-23-5-L3.0-W1.7-P0.95-LS2.8-BL	SL7603P36MSR	1
SPX3819MS-L-1-B		U16	SOT-23-5-L3.0-W1.7-P0.95-LS2.8-BL	SPX3819MS-L-1-B	1
AMS1117-3.3		U17	SOT-89-L4.5-W2.5-P1.50-LS4.2-BR	AMS1117-3.3_C347256	1
TYRE-C 16PIN 2MD0078	C2765186	USB1	USB-C-SMD_TYRE-C-4PIN-2MD-078	TYRE-C 16PIN 2MD0078	1