

A

A

B

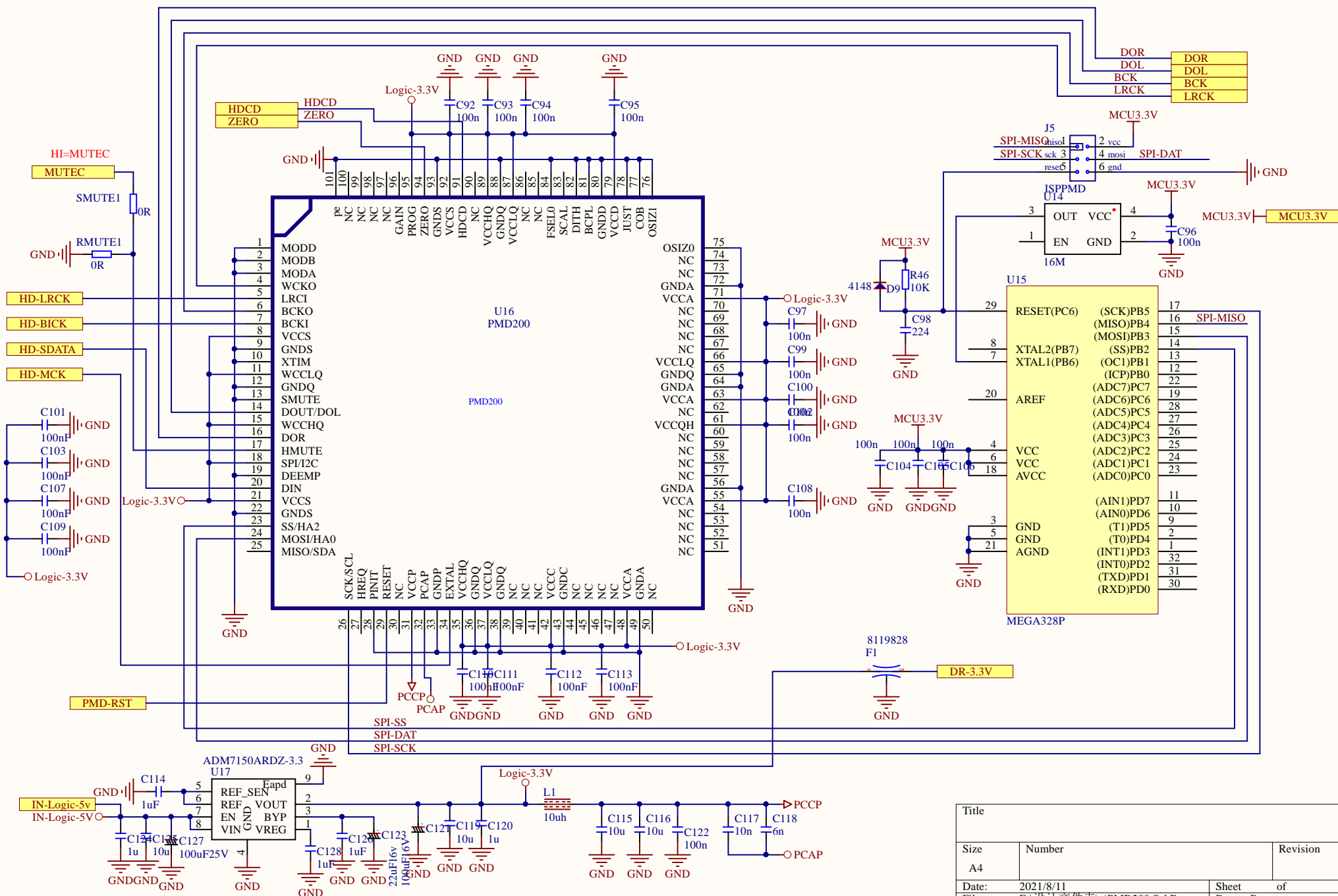
B

C

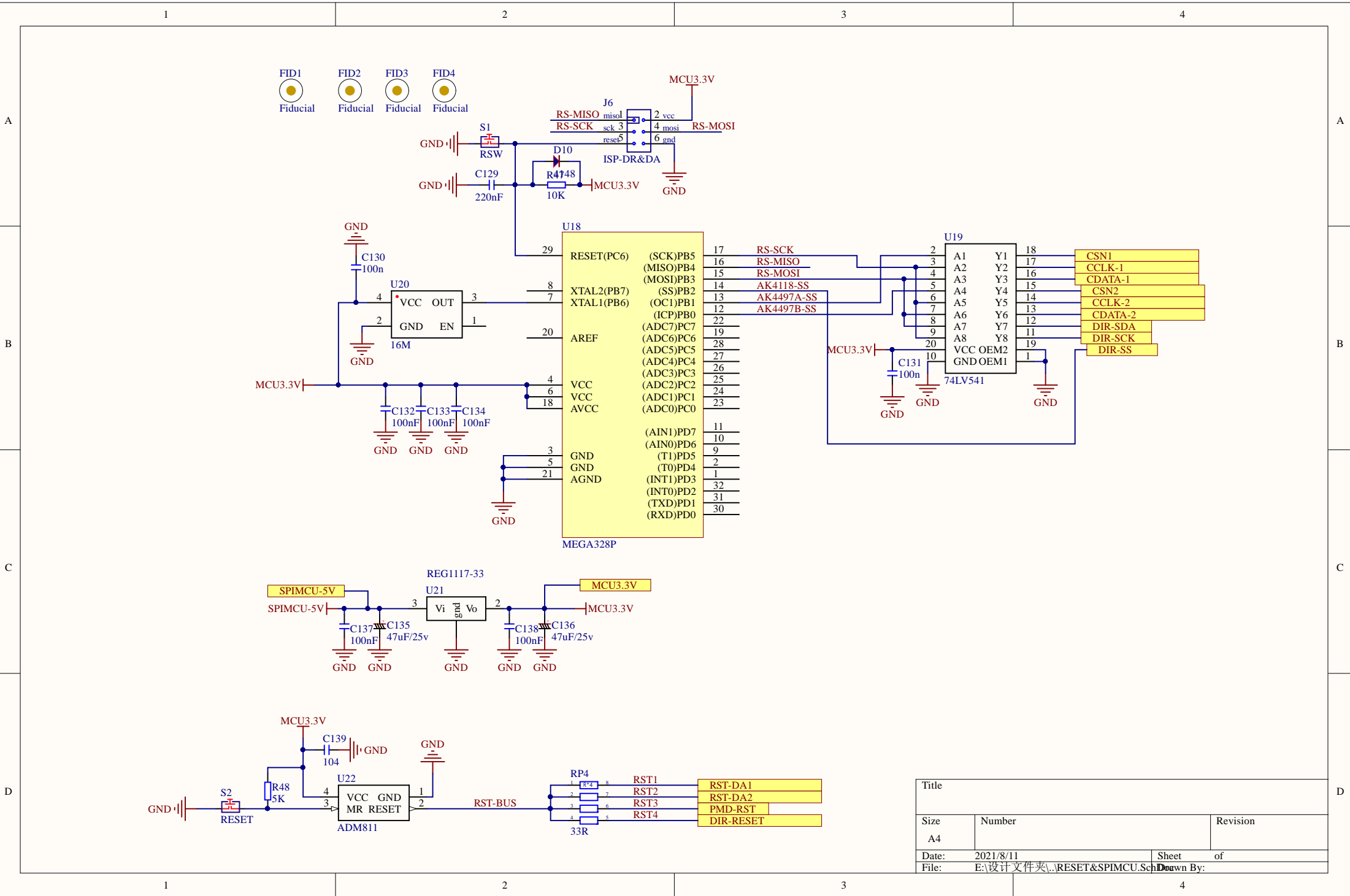
C

D

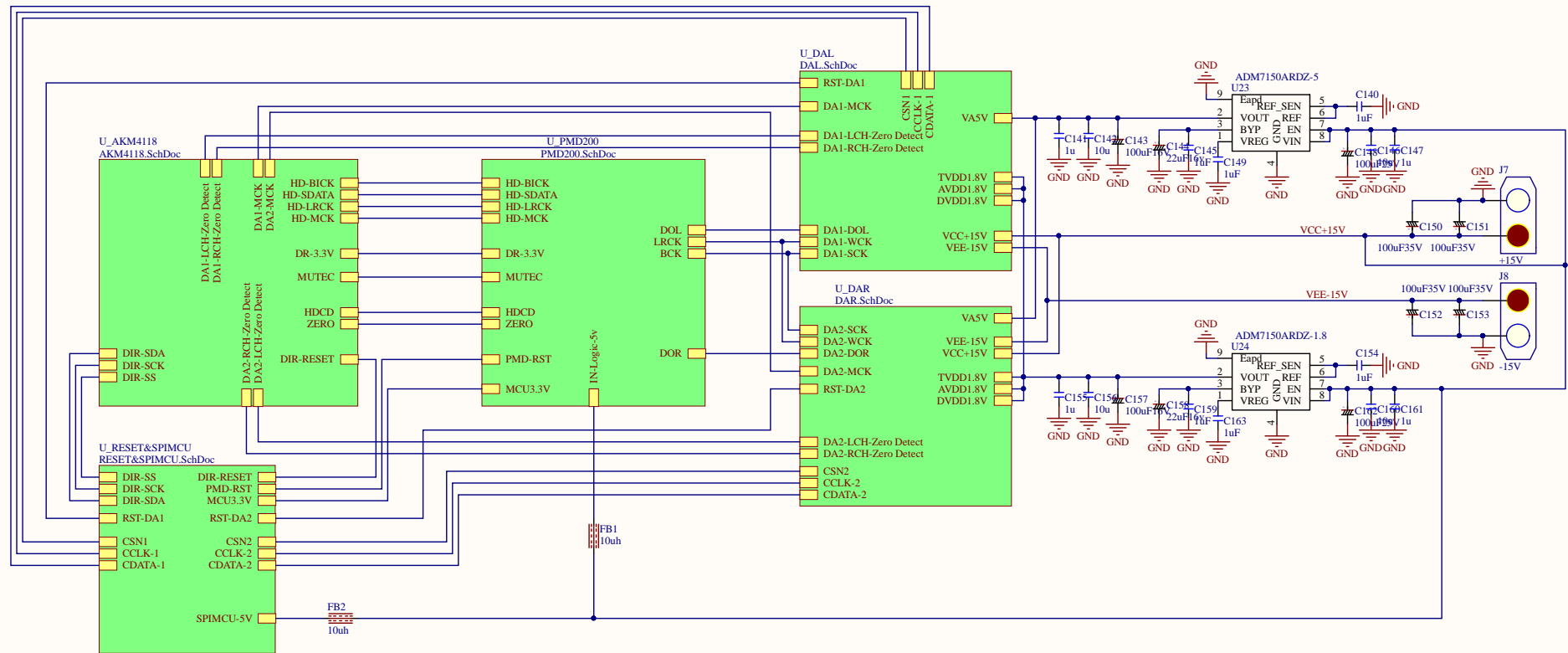
D



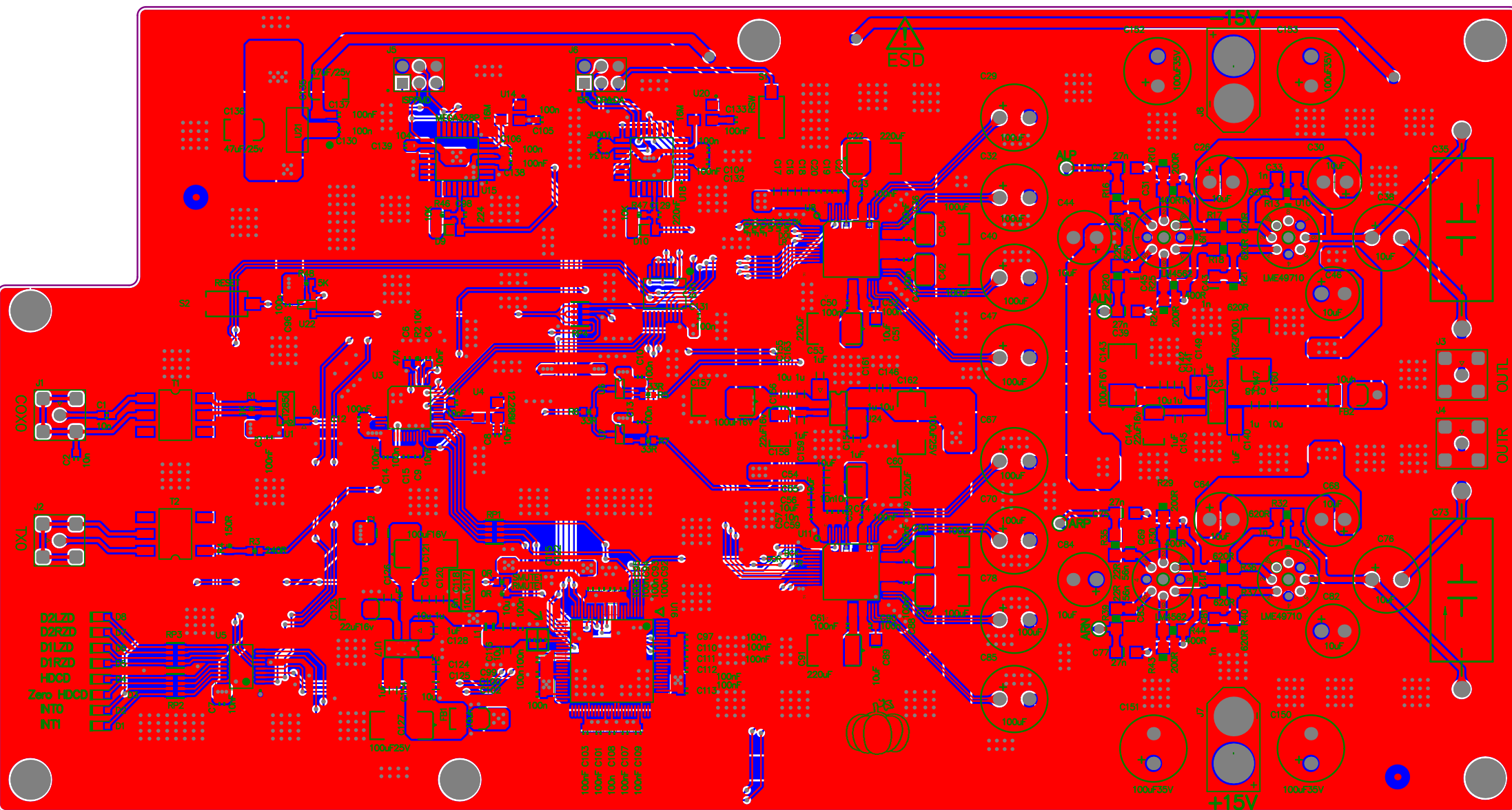
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A4		
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Size	Number	Revision
A4		
Date:	2021/8/11	Sheet of
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Title		
Size	Number	Revision
A3		
Date:	2021/8/11	Sheet of
File:	E:\设计文件\总图\total.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
10n	Capacitor	C1, C2, C19, C20, C21, C57, C58, C59, C117	C0603	Cap	9
100nF	Capacitor	C3, C10, C12, C15, C23, C36, C41, C50, C61, C74, C79, C88, C101, C103, C107, C109, C110, C111, C112, C113, C132, C133, C134, C137, C138	C0603	Cap	25
10nF	Capacitor	C4, C7, C8, C9, C11	C0603	Cap	5
474	Capacitor	C6	C0603	Cap	1
100n	Capacitor	C13, C14, C25, C52, C63, C90, C92, C93, C94, C95, C96, C97, C99, C100, C102, C104, C105, C106, C108, C122, C130, C131	C0603	Cap	22
10uF	Capacitor	C16, C17, C18, C54, C55, C56	c0805	Cap	6
220uF	Electrdylic Capacitor	C22, C53, C60, C91	S95D	Cape	4
10uF	Electrdylic Capacitor	C24, C51, C62, C89	I206	Cape	4
10uF	Electrdylic Capacitor	C26, C30, C44, C46, C64, C68, C82, C84	CE-8.2mmX3.5mm	Cape	8
100n	Capacitor	C27, C28, C48, C49, C65, C66, C86, C87	I206	Cap	8
100uF	Electrdylic Capacitor	C29, C32, C40, C47, C67, C70, C78, C85	Ce-10mm-4.4	Cape	8
56n	Capacitor	C31, C45, C69, C83	I206	Cap	4
1n	Capacitor	C33, C43, C71, C81	I206	Cap	4
100uF	Electrdylic Capacitor	C34, C42, C72, C80	S95D	Cape	4
10nF JEN	Capacitor	C35, C73	JENSEN103	Cap	2
27n	Capacitor	C37, C39, C75, C77	I206	Cap	4
10uF	Electrdylic Capacitor	C38, C76	Ce-10mm-4.4	Cape	2
224	Capacitor	C98	C0603	Cap	1
1uF	Capacitor	C114, C126, C128, C140, C145, C149, C154, C159, C163	c0805	Cap	9
10u	Capacitor	C115, C116, C119, C125, C142, C146, C156, C160	c0805	Cap	8
6n	Capacitor	C118	C0603	Cap	1
1u	Capacitor	C120, C124, C141, C147, C155, C161	c0805	Cap	6
100uF16v	Electrdylic Capacitor	C121, C143, C157	227	Cape	3
22uF16v	Electrdylic Capacitor	C123, C144, C158	I210	Cape	3
100uF25V	Electrdylic Capacitor	C127, C148, C162	227	Cape	3
220nF	Capacitor	C129	C0603	Cap	1
47uF25v	Electrdylic Capacitor	C135, C136	I210	Cape	2
104	Capacitor	C139	C0603	Cap	1
100uF35V	Electrdylic Capacitor	C150, C151, C152, C153	Ce-10mm-4.4	Cape	4
INT1	SMD LED	D1	LED0603	LED	1
INT0	SMD LED	D2	LED0603	LED	1
ZERO-HDCD	SMD LED	D3	LED0603	LED	1
HDCD	SMD LED	D4	LED0603	LED	1
D1RZD	SMD LED	D5	LED0603	LED	1
D1LZD	SMD LED	D6	LED0603	LED	1
D2RZD	SMD LED	D7	LED0603	LED	1
D2LZD	SMD LED	D8	LED0603	LED	1
4148		D9, D10	I206-4148	Diodes	2
8119828		F1	I206-Filter	PCB-Filter-1206	1
10uh		FB1, FB2	I210	INC	2
Fiducial	Fiducial mark. There is nothing to buy or mount. Fiducial	FID1, FID2, FID3, FID4	FID	FID	4
COX0		J1	RF-4	SMB	1
TX0		J2	RF-4	SMB	1
OUTL		J3	RF-4	SMB	1
OUTR		J4	RF-4	SMB	1
ISP-PMD		J5	SIP6	SIP6	1
ISP-DR6DA		J6	SIP6	SIP6	1
+15V	XT60连接器	J7	XT60	XT60	1
-15V	XT60连接器	J8	XT60	XT60	1
10uh		L1	R0805	INC	1
1K		R1	R0603	Resistor	1
10K		R2, R46, R47	R0603	Resistor	3
240R		R3	R0603	Resistor	1
150R		R4	R0603	Resistor	1
33R		R5, R6, R7	R0603	Resistor	3
33K		R8, R27	R0603	Resistor	2
10K		R9, R14, R22, R26, R28, R33, R41, R45	1406	Resistor	8
200R		R10, R24, R29, R43	1406	Resistor	4
400R		R11, R25, R30, R44	1406	Resistor	4
39R		R12, R15, R19, R23, R31, R34, R38, R42	1406	Resistor	8
620R		R13, R17, R18, R21, R32, R36, R37, R40	1406	Resistor	8
22R		R16, R20, R35, R39	1406	Resistor	4
5K		R48	R0603	Resistor	1
DR		RMUTE1, SMUTE1	R0603	Resistor	2
33R		RP1, RP4	PR0603	RP4x4p	2
330		RP2, RP3	PR0603	RP4x4p	2
RSW		S1	SWITCH-SMD1	SW1	1
RESET		S2	SWITCH-SMD1	SW1	1
TG10-DA1NS	HALO TG10-DA1NS	T1, T2	TG10-DA1NS	TG10-DA1NS	2
LT12850	DFNB	U1	SO8	LT12850	1
AKM411BEQ		U3	LOP48	AKM411BEQ	1
12.288M		U4	FAX3225	Crystal OSC	1
74LV541		U5	TSSOP20	74LV541	1
SN74LVC12-G125-EP	150MHZ SIGNAL BUFFER	U6, U7	SOT23(DBV)	SN74LVC1G125-EP	2
AK4497EO		U8, U11	HTOP10*10-64	AK4497	2
LM4562		U9, U12	TO-99	OP-DUAL	2
LME49710		U10, U13	TO-99	Opamp	2
16M		U14, U20	FAX3225	Crystal OSC	2
MEGA328P		U15, U18	TOPP32	MEGA328P	2
PMD200		U16	TGFP100B	PMD200	1
ADM7150ARDZ-3.3	ADM7150ARDZ-5.0 SOIC	U17	so8-pad	ADM7150-5	1
74LV541		U19	SSOP20	74LV541	1
REG1117-33		U21	SOT-223	REG1117-33	1
ADM811		U22	SOT-143	ADM811	1
ADM7150ARDZ-5	ADM7150ARDZ-5.0 SOIC	U23	so8-pad	ADM7150-5	1
ADM7150ARDZ-5.0	ADM7150ARDZ-5.0 SOIC	U24	so8-pad	ADM7150-5	1