

- A - Initial Release
- C - Improve decoupling
- C.1 - Change C207 from 0.1u to 1u

Resin Shield

Alch3my LLC, CERN OHL v1.2

Size	
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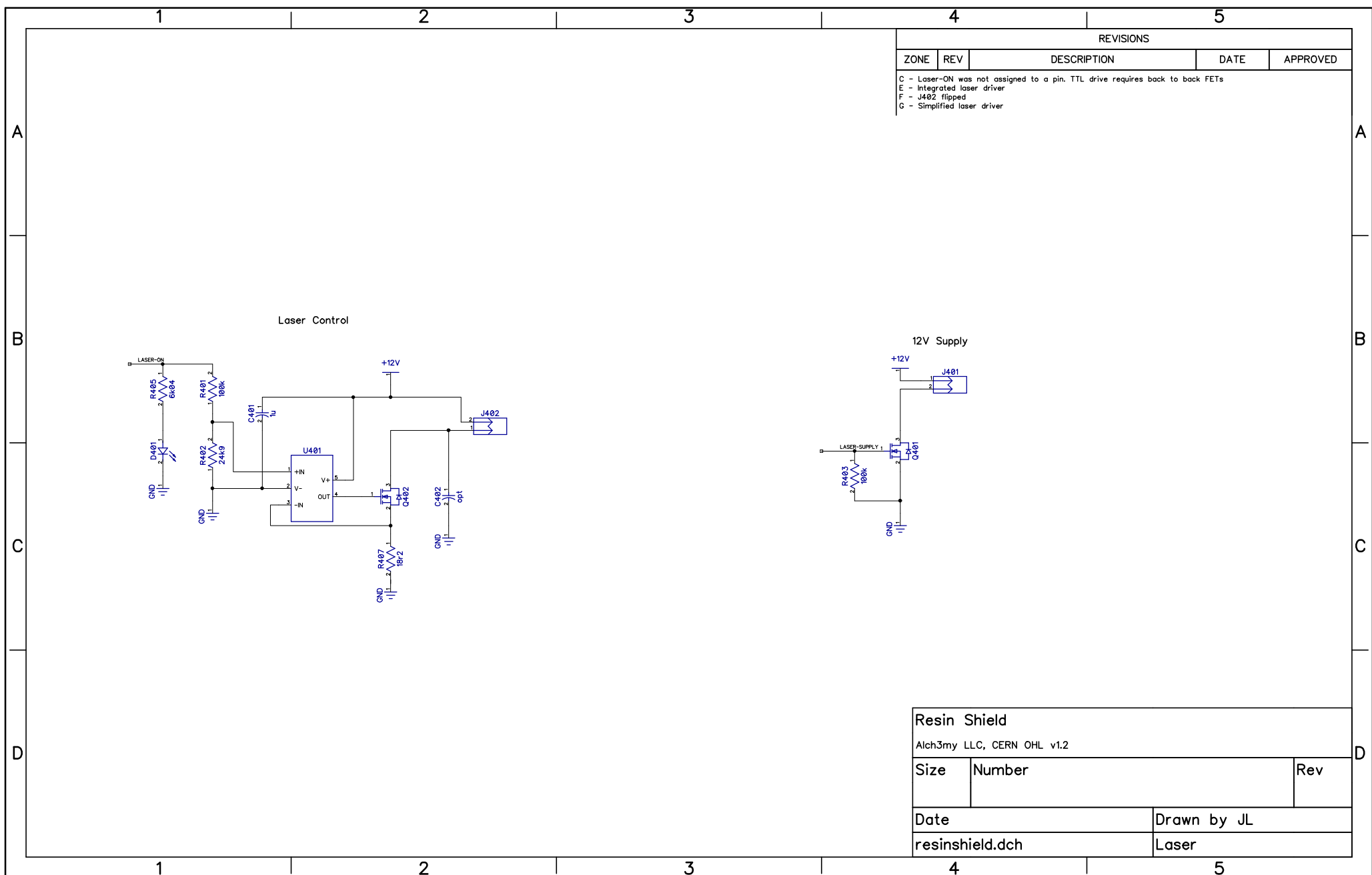
Rev

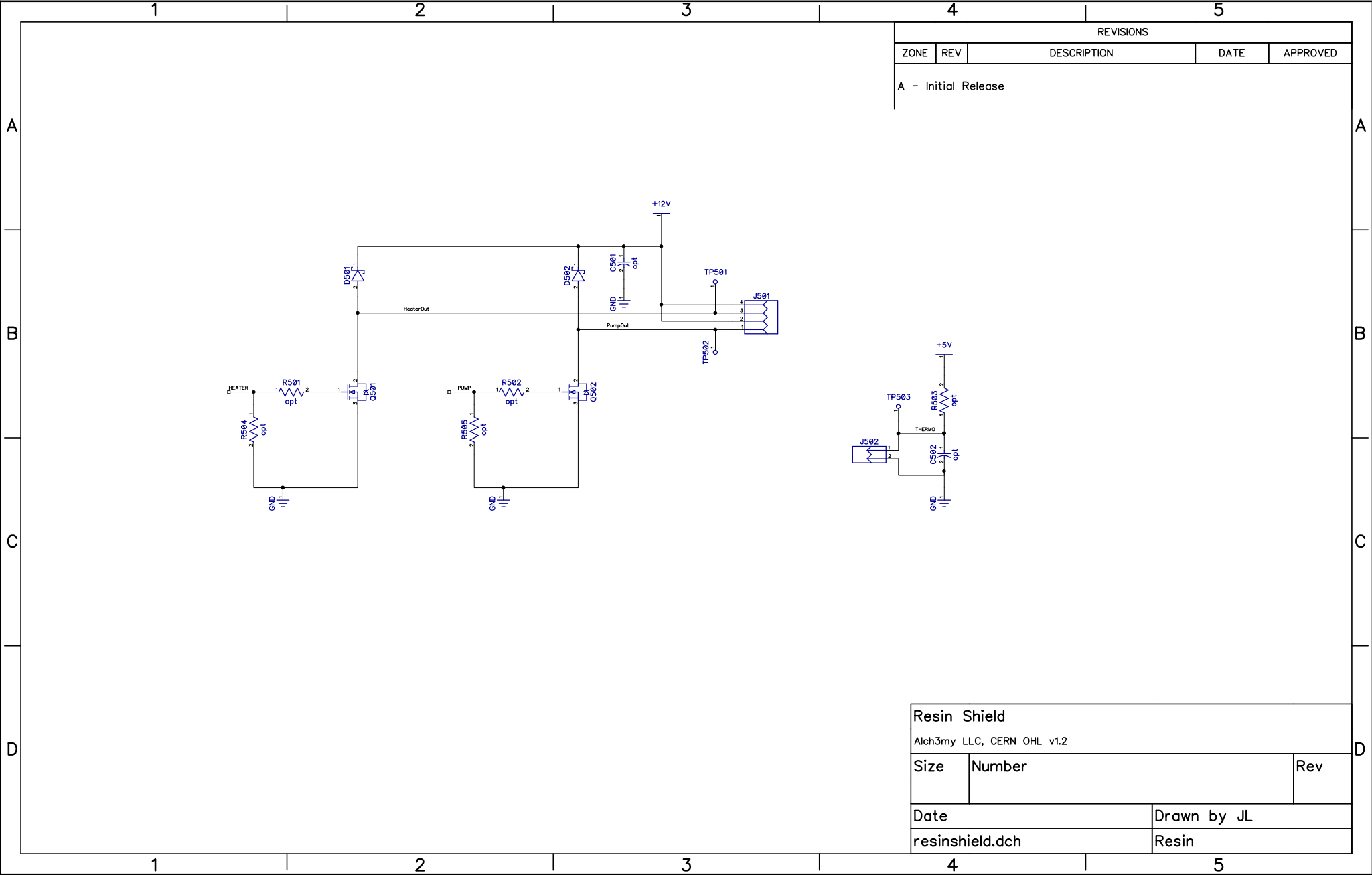
Date

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	Analog
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REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
A - Initial Release				

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1		2		3		4		5			
A	RefDes		Name	Value	Quantity	Pattern	REVISIONS				
							ZONE	REV	DESCRIPTION	DATE	APPROVED
	C101, C102, C104, C108, C110, C113, C117, C118, C208, C209		CAP_0805	10u	10	CAP_0805					
	C103, C105, C112, C114, C115, C116, C202, C206, C207, C210, C301, C401		CAP_0805	1u	12	CAP_0805					
	C106, C109, C201, C203, C204, C205		CAP_0603	100p	6	CAP_0603					
	C107, C111		CAP_0603	6.8n	2	CAP_0603					
	C302, C303		CAP_1210	22u	2	CAP_1210					
	C402, C502		CAP_0805	opt	2	CAP_0805					
	C501		CAP_1210	opt	1	CAP_1210					
	D101, D104		PMEG4020ETP		2	SOD-128					
	D102, D103, D401		APL3015SRCPRV-F01		3	APL3015					
	D501, D502		PMEG4020ETP	opt	2	SOD-128					
B	FB101, FB102, FB201, FB301		BLM18KG221SN1D	220 @ 100MHz	4	RES_0603					
	FD1, FD2, FD3		Fiducial		3	Fiducial					
	J1, J2, J4, J5, J7, J8		644456-8		6	HDR-1x8T/2.54/20x2					
	J3		90131-0138		1	HDR-2x18T/2.54x2.54/46x5					
	J6, J9		90131-0125	opt	2	HDR-2x5T/2.54x2.54/13x5					
	J10, J203		644456-4	opt	2	HDR-1x4T/2.54/10x2					
	J11, J12, J13, J301		644456-4		4	HDR-1x4T/2.54/10x2					
	J101		0022272031		1	Molex 3pin					
	J201, J202, J204		B3B-XH-A		3	JST B3B-XH-A					
	J302, J303		PPTC081LFBN-RC		2	HDR-1x8T/2.54/20x2					
C	J401, J402		B2B-XH-A		2	JST B2B-XH-A					
	J501		OSTVN04A150	opt	1	TB-1x4/2.54/11x7/Sc_H					
	J502		644456-2	opt	1	HDR-1x2T/2.54/5x2					
	Q401, Q402		2N7002		2	SOT23					
	Q501, Q502		IRLZ44N	opt	2	TO-220					
	R1, R302, R304, R305, R306, R307, R501, R502, R503, R504, R505		RES_0603	opt	11	RES_0603					
	R101, R115		RES_1210	0	2	RES_1210					
	R102, R103, R108, R205, R210		RES_0603	49k9	5	RES_0603					
	R104, R106, R112, R113, R202, R203, R204, R206, R207, R208, R209, R211, R401, R403		RES_0603	100k	14	RES_0603					
	R105, R114		RES_0603	464k	2	RES_0603					
D	R107, R111, R402		RES_0603	24k9	3	RES_0603					
	R109, R405		RES_0603	6k04	2	RES_0603					
	R110		RES_0603	53k6	1	RES_0603					
	R201		RES_0603	1k	1	RES_0603					
	R212, R213		RES_0603	24r9	2	RES_0603					
	R301, R303		RES_0603	0	2	RES_0603					
	R407		RES_0603	18r2	1	RES_0603					
	T101, T102		SRF1260-150M	15uH	2	SRF1260					
	TP101, TP102, TP103, TP201, TP202, TP203, TP204, TP205, TP206, TP207, TP208, TP501, TP502, TP503		TESTPOINT		14	Round					
	U101		LT8582		1	4x7DFN					
	U102		NCP1117ST50T3G		1	SOT223-4					
	U201		LM4040DIM3-4.1		1	SOT23					
	U202		TL084D		1	SOIC-14/150mil					
	U203		LTC2602CMS8		1	MSOP-8					
	U401		LM321MF		1	SOT23-5					
	X1		Arduino Mega		1						
	X301		A4988 Carrier		1						
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