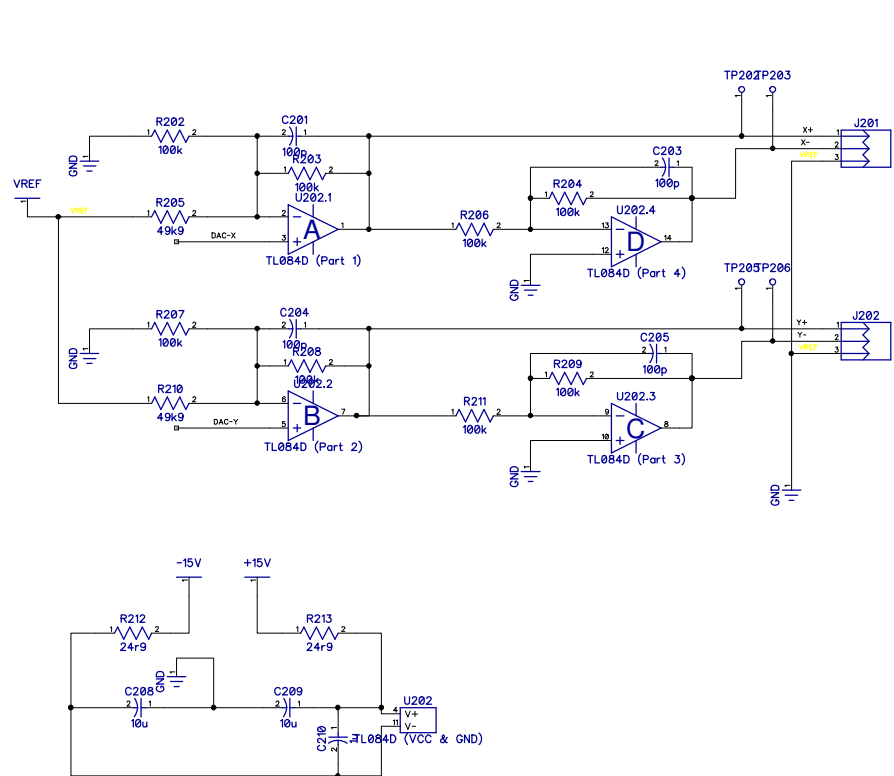
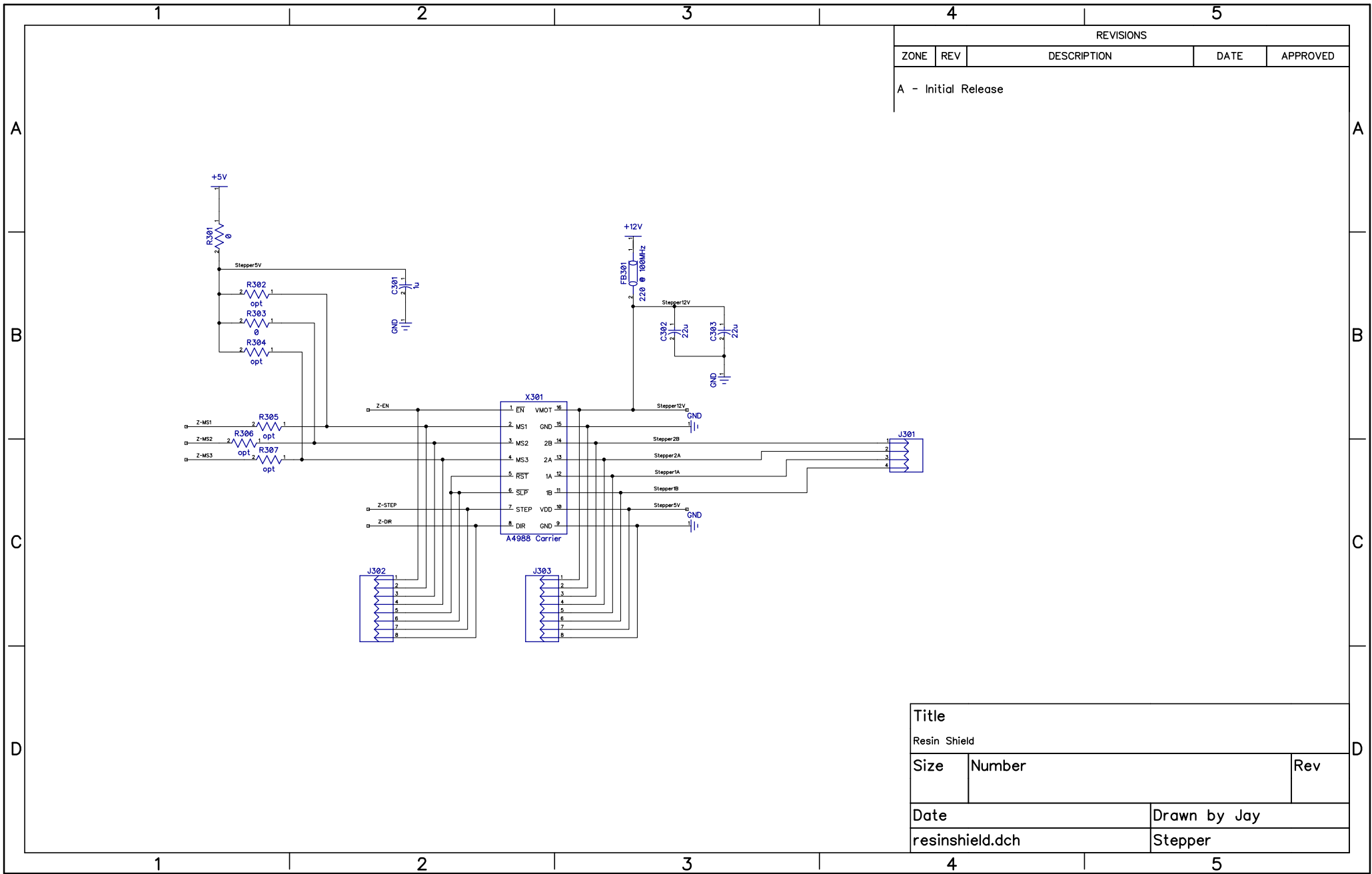


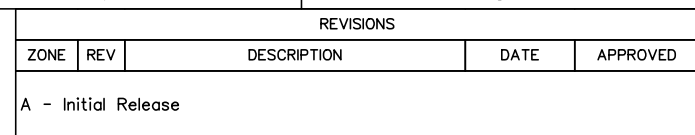
Title		
Resin Shield		
Size	Number	Rev
Date		Drawn by Jay
resinshield.dch		Power



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

Title	
Resin Shield	
Size	Rev
Date	Drawn by Jay
resinshield.dch	Analog





Title	
Resin Shield	
Size	Rev
Number	
Date	Drawn by Jay
resinshield.dch	Resin

1		2		3		4		5			
RefDes		Name		Value	Quantity	Pattern		REVISIONS			
C101, C102, C104, C108, C110, C113, C117, C118, C208, C209, C502		CAP_0805		10u	11	CAP_0805		ZONE	REV		
C103, C105, C112, C114, C115, C116, C202, C206, C207, C210, C301, C401		CAP_0805		1u	12	CAP_0805		DESCRIPTION			
C106, C109, C201, C203, C204, C205, C403		CAP_0603		100p	7	CAP_0603		DATE			
C107, C111		CAP_0603		6.8n	2	CAP_0603		APPROVED			
C302, C303, C501		CAP_1210		22u	3	CAP_1210					
C402		CAP_0805		opt	1	CAP_0805					
D101, D104, D501, D502		PMEG4020ETP			4	SOD-128					
D102, D103, D401		APL3015SRCPRV-F01			3	APL3015					
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			2	HDR-2x5T/2.54x2.54/13x5					
J10, J11, J12, J13, J203, J301		644456-4			6	HDR-1x4T/2.54/10x2					
J101		0022272031			1	Molex 3pin					
J201, J202		B3B-XH-A			2	JST B3B-XH-A					
J302, J303		PPTC081LFBN-RC			2	HDR-1x8T/2.54/20x2					
J401, J402		B2B-XH-A			2	JST B2B-XH-A					
J501		OSTVN04A150			1	TB-1x4/2.54/11x7/Sc_H					
J502		644456-2			1	HDR-1x2T/2.54/5x2					
Q401, Q402, Q403		2N7002			3	SOT23					
Q501, Q502		IRLZ44N			2	TO-220					
R1, R302, R304, R305, R306, R307		RES_0603		opt	6	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, R404, R406, R504, R505		RES_0603		100k	18	RES_0603					
R105, R114		RES_0603		464k	2	RES_0603					
R107, R111, R402		RES_0603		24k9	3	RES_0603					
R109		RES_0603		6k04	1	RES_0603					
R110		RES_0603		53k6	1	RES_0603					
R201		RES_0603		1k	1	RES_0603					
R212, R213, R501, R502		RES_0603		24r9	4	RES_0603					
R301, R303		RES_0603		0	2	RES_0603					
R405		RES_0603		10k	1	RES_0603					
R407		RES_0603		18r2	1	RES_0603					
R503		RES_0603		4k7	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						
1		2		3		4		5			
		</									