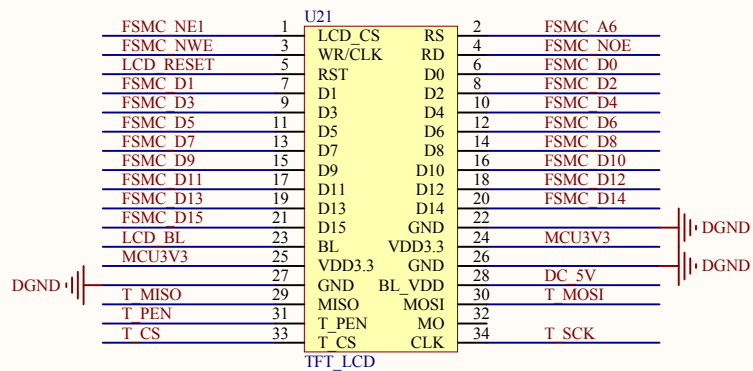
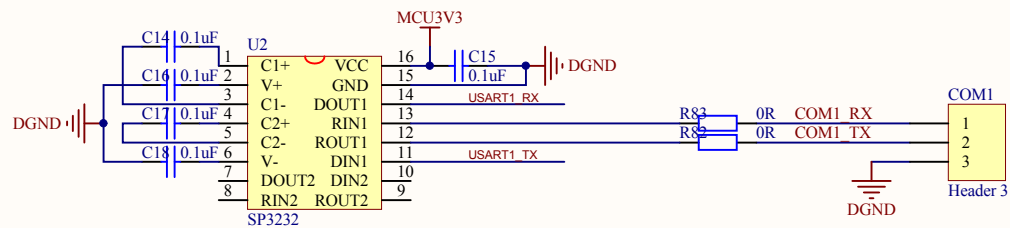
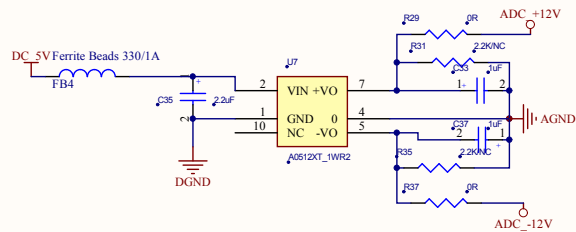
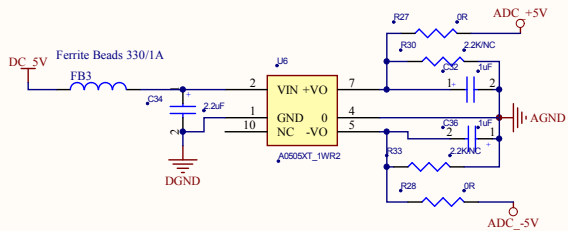
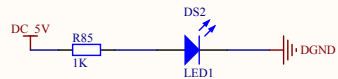
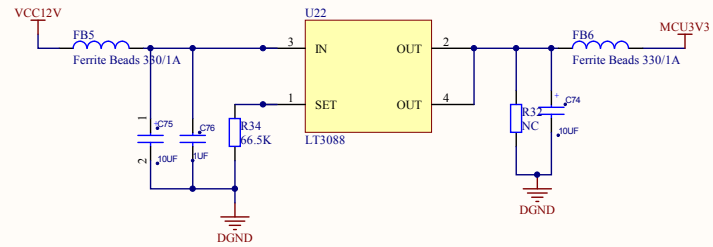
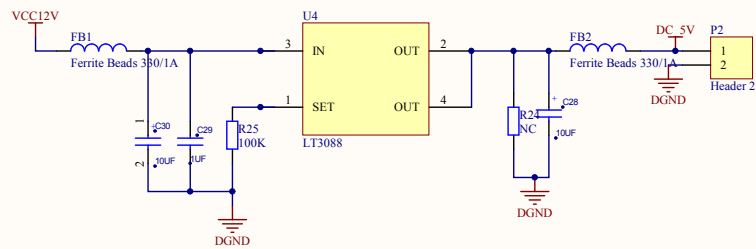
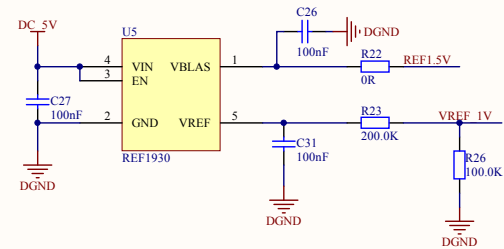
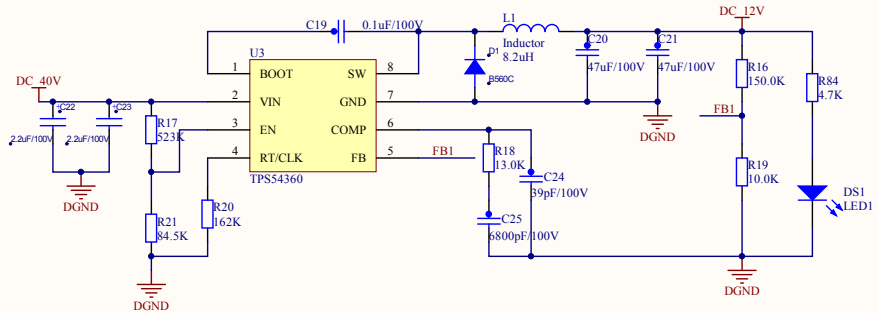
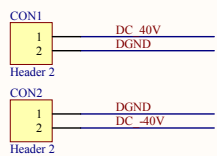


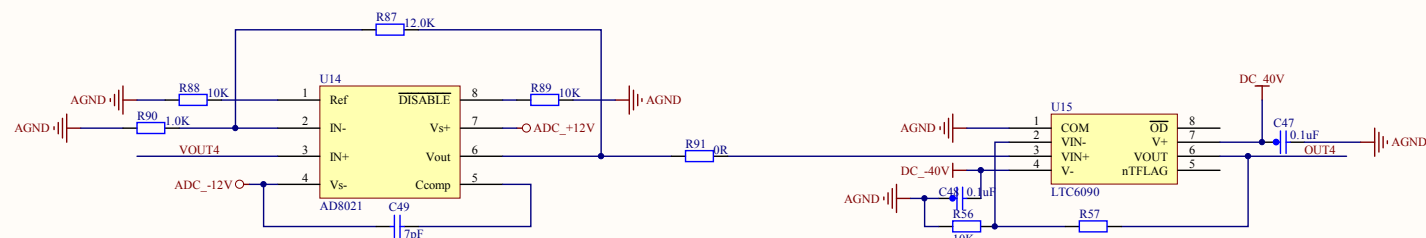
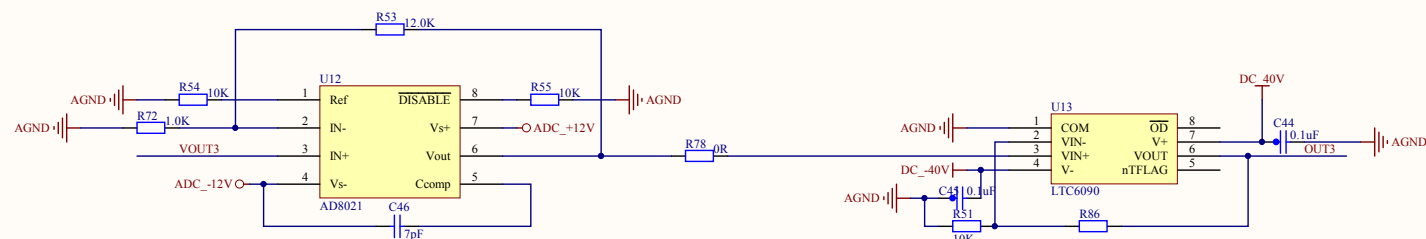
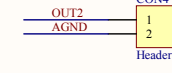
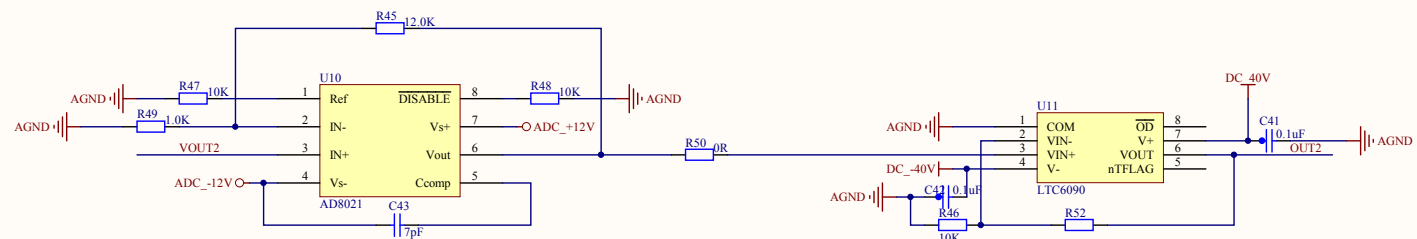
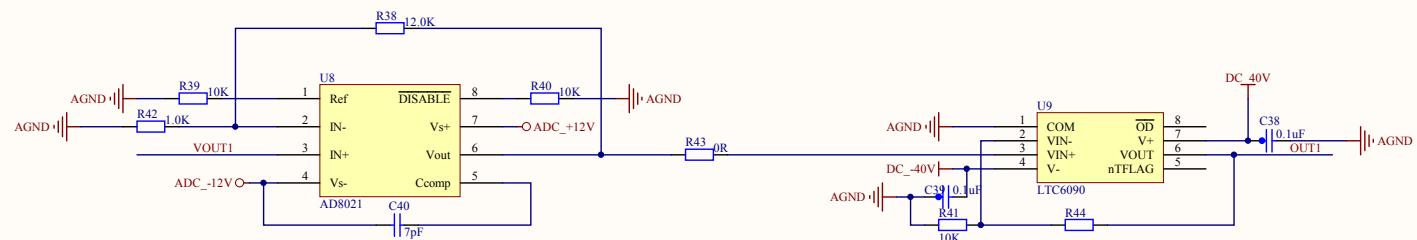
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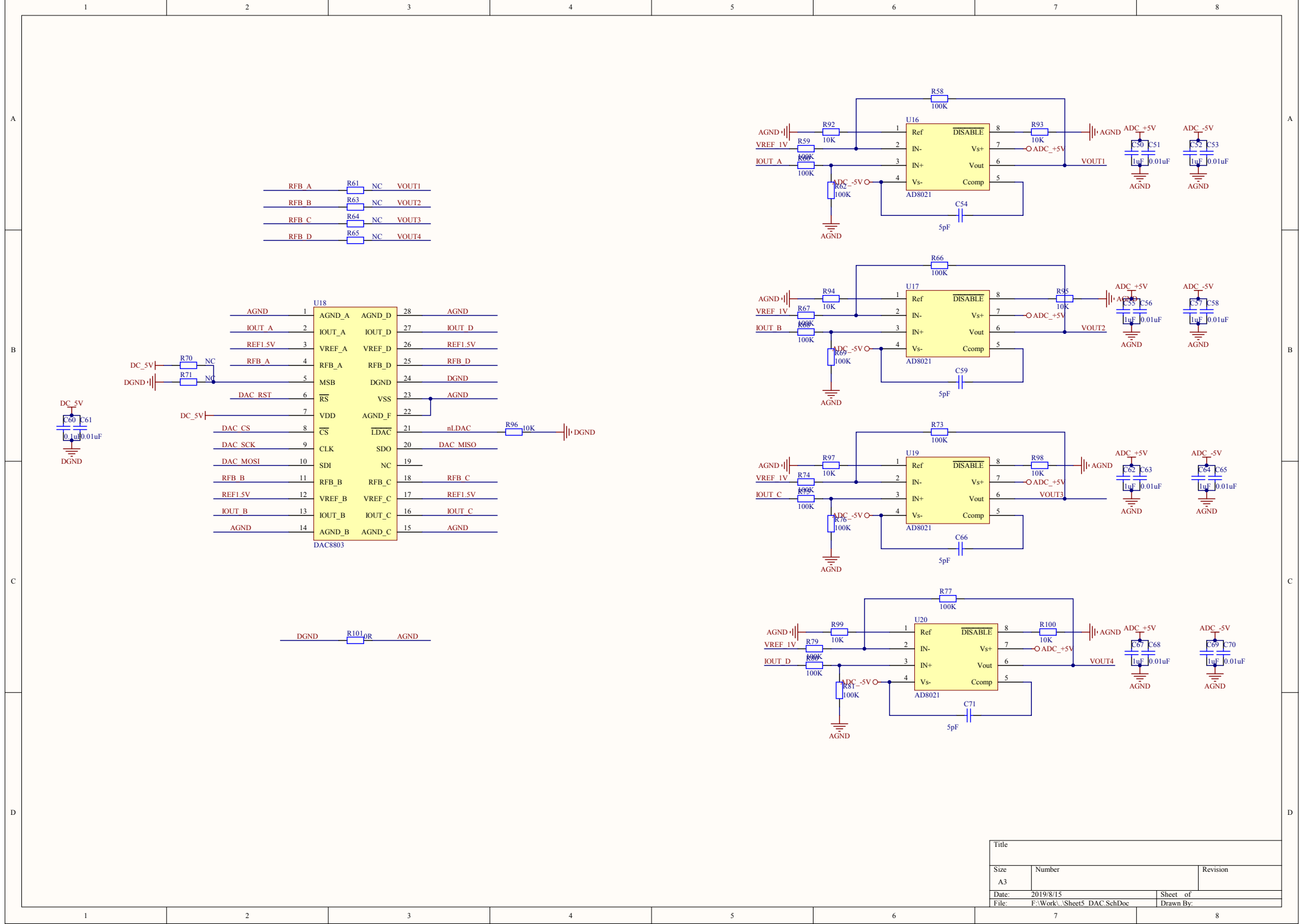
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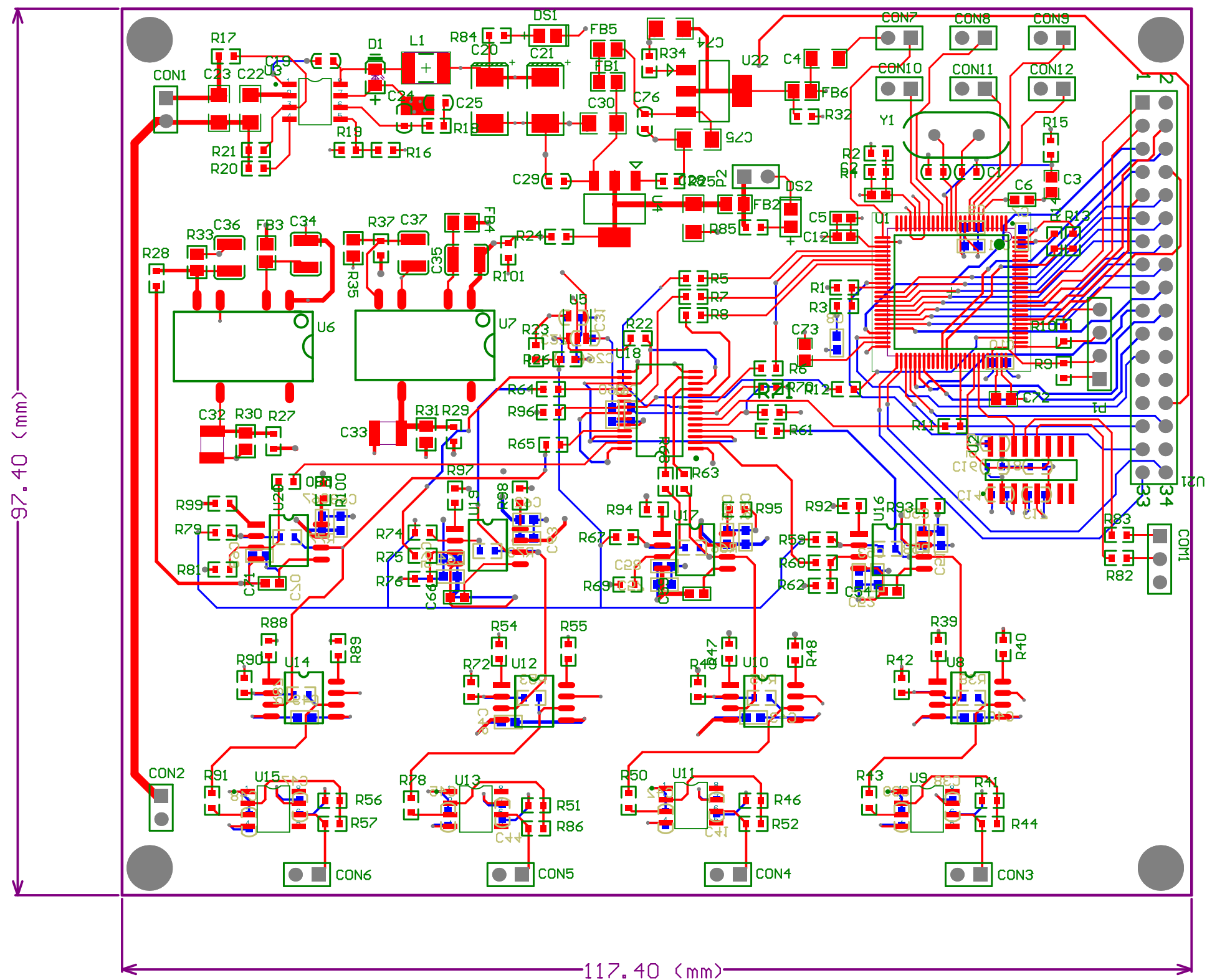
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Title		
Size A3	Number	Revision
Date: 2019/8/15	Sheet of	
File: F:\Work\Sheet5 DAC.SchDoc	Drawn By:	



Comment	Description	Designator	Footprint	LibRef	Quantity
15pF		C1, C2	C0603	CAP NP_Dup6	2
1uF		C3	C0805	CAP NP_Dup6	1
10uf	Capacitor (Semiconductor SIM Model)	C4	1206M	Cap Semi	1
0.1uf	Capacitor (Semiconductor SIM Model)	C5, C6, C7, C8, C9, C10, C11, C12, C13, C40, C43, C46, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59, C60, C61, C62, C63, C64, C65, C66, C67, C68, C69, C70, C71	0603M	Cap Semi	35
0.1uf	Capacitor, Capacitor (Semiconductor SIM Model)	C14, C15, C16, C17, C18, C38, C39, C41, C42, C44, C45, C47, C48	C0603	Capacitor_1, Cap Semi	13
0.1uF/100V	Capacitor	C19	C0603	Capacitor_1	1
47uF/100V	Capacitor	C20, C21	C6032	Capacitor_1	2
2.2uF/100V	3216-A	C22, C23	C1206	CP_Dup1	2
39pF/100V	Capacitor	C24	C0603	Capacitor_1	1
6800pF/100V	Capacitor	C25	C0603	Capacitor_1	1
100nF	Capacitor	C26, C27, C31	C0603	Cap	3
10UF	3216-A	C28, C30, C74, C75	C1206	CP_Dup1	4
1UF		C29, C76	C0603	CAP	2
1uF		C32, C33	LC-1210	CP	2
2.2uF		C34, C35	LC-1210_C	CP	2
1uF		C36, C37	LC-1210_C	CP	2
2.2uF		C72, C73	C0805	CAP NP_Dup6	2
Header 3	Header, 3-Pin	COM1	HDR1X3	Header3	1
Header 2	Header, 2-Pin	CON1, CON2, CON3, CON4, CON5, CON6, CON7, CON8, CON9, CON10, CON11, CON12, P2	HDR1X2	Header 2	13
B560C		D1	LC0805_LED_S1	DIODE	1
LED1	Typical RED, GREEN, YELLOW, AMBER GaAs LED	DS1, DS2	Led_0805	LED2	2
Ferrite Beads 330/1A	Inductor	FB1, FB2, FB3, FB4, FB5, FB6	L0805	Inductor	6
Inductor	Inductor	L1	INDC4532L	Inductor	1
Header 4	Header, 4-Pin	P1	HDR1X4	Header 4	1
10K/NC		R1, R13	R0603	R_Dup4	2
10K	Resistor	R2, R3, R4, R9, R10, R14, R15, R39, R40, R41, R46, R47, R48, R51, R54, R55, R56, R88, R89, R92, R93, R94, R95, R96, R97, R98, R99, R100	R0603	R_Dup4, Res2	28
0R	Resistor	R5, R6, R7, R8, R11, R12, R27, R28, R29, R37, R43, R50, R78, R91, R101	R0603	R_Dup2, Res2	15
500.0K	Resistor	R16	R0603	Res2	1
523K	Resistor	R17	R0603	Res2	1
13.0K	Resistor	R18	R0603	Res2	1
10.0K	Resistor	R19, R84, R85	R0603	Res2	3
162K	Resistor	R20	R0603	Res2	1
84.5K	Resistor	R21	R0603	Res2	1
100K	Resistor	R22, R23, R25, R26, R34, R58, R59, R60, R61, R62, R63, R64, R65, R66, R67, R68, R69, R70, R71, R73, R74, R75, R76, R77, R79, R80, R81, R82, R83	R0603	Res2	29
NC	Resistor	R24, R32	R0603	Res2	2
2.2K/NC		R30, R31, R33, R35	LC0805_R	R_Dup2	4
12.0K	Resistor	R38, R45, R53, R87	R0603	Res2	4
1.0K	Resistor	R42, R49, R72, R90	R0603	Res2	4
30K	Resistor	R44, R52, R57, R86	R0603	Res2	4
STM32F427VGT6	ARM Cortex-M4 32- bit MCU+FPU, 210 DMIPS, 1024 kB Flash, 256 kB Internal RAM, 82 I/Os, 100-pin LQFP, -40 to 85 degC, T=95	U1	STM-LQFP100_N	STM32F427VGT6	1
SP3232		U2	SOP16M	MAX3232	1
TPS54360		U3	SO8	TPS54360B	1
LT3088		U4, U22	SOT223_N	LT3088	2
REF1930		U5	SOT23_5	REF1930	1
A0505XT_1WR2		U6	A0505XT_1WR2	A1212XT_1WR2	1
A0512XT_1WR2		U7	A0505XT_1WR2	A1212XT_1WR2	1
AD8021	AD8021	U8, U10, U12, U14, U16, U17, U19, U20	SOIC8	AD8021AR	8
LTC6090		U9, U11, U13, U15	SO8	LTC6090	4
DAC8803	DAC8803	U18	SSOP28	DAC8803	1
TFT_LCD		U21	HDR2X17	TFT_LCD	1
25MHz		Y1	XTAL_US	ZTA	1