

A

B

C

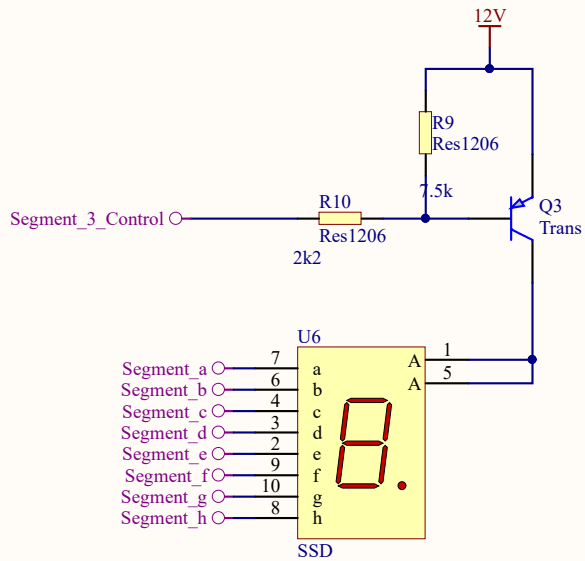
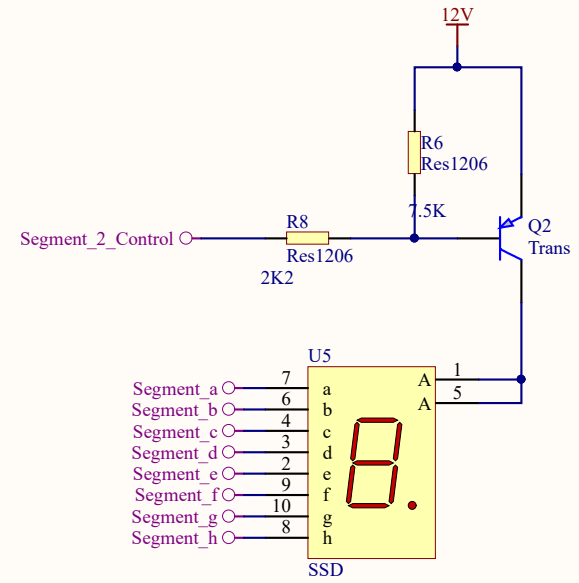
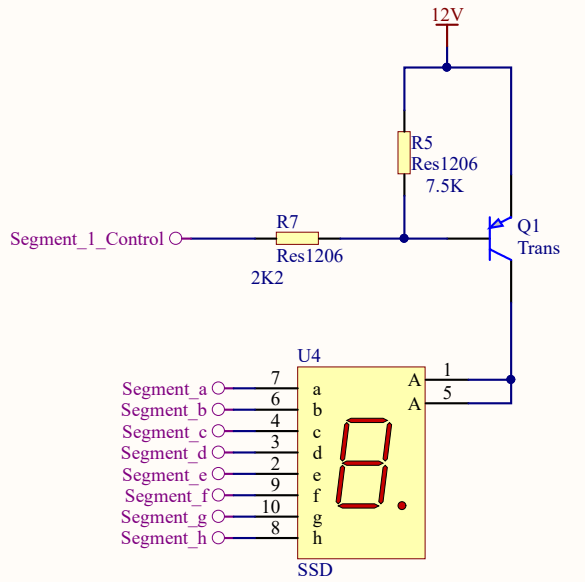
D

A

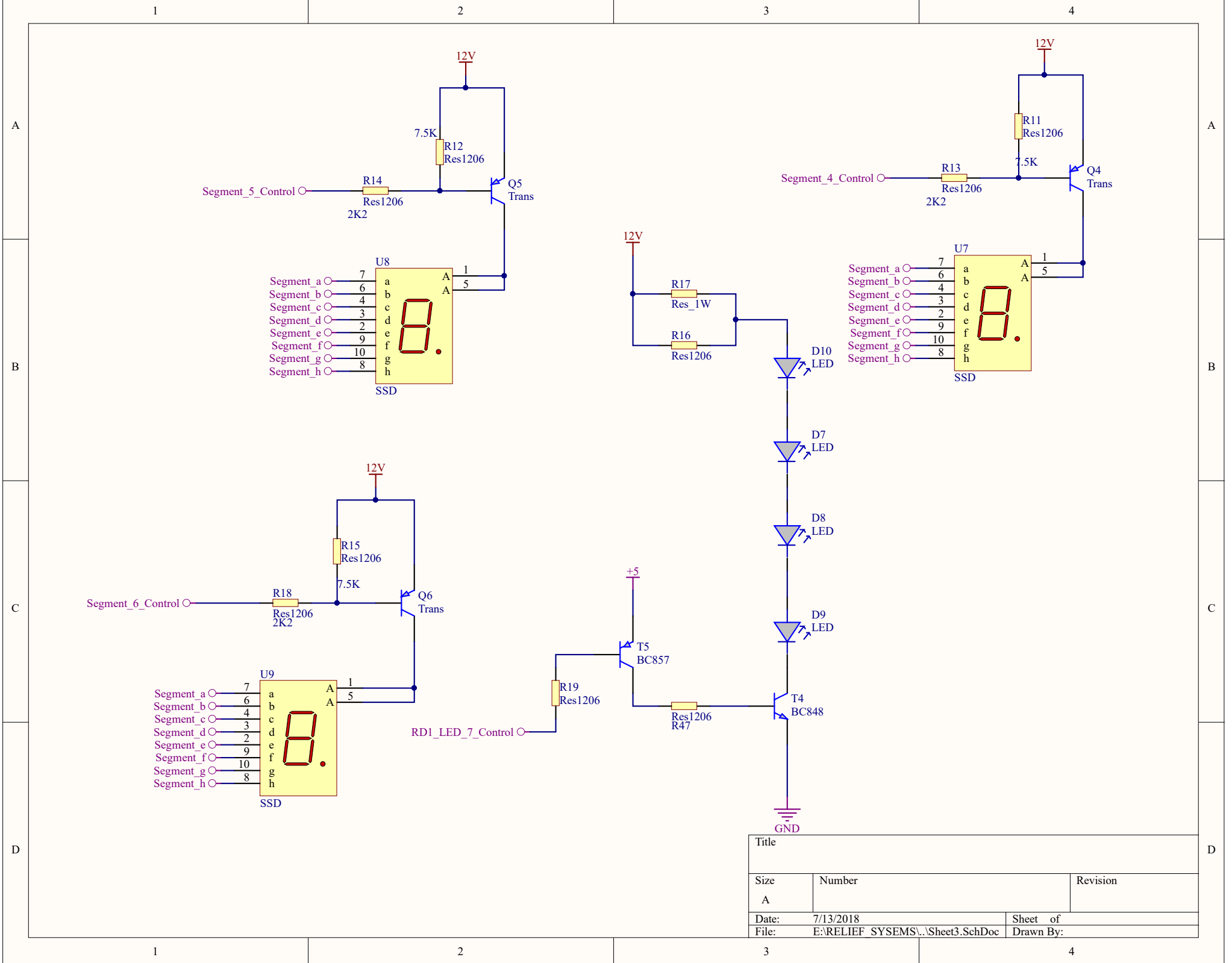
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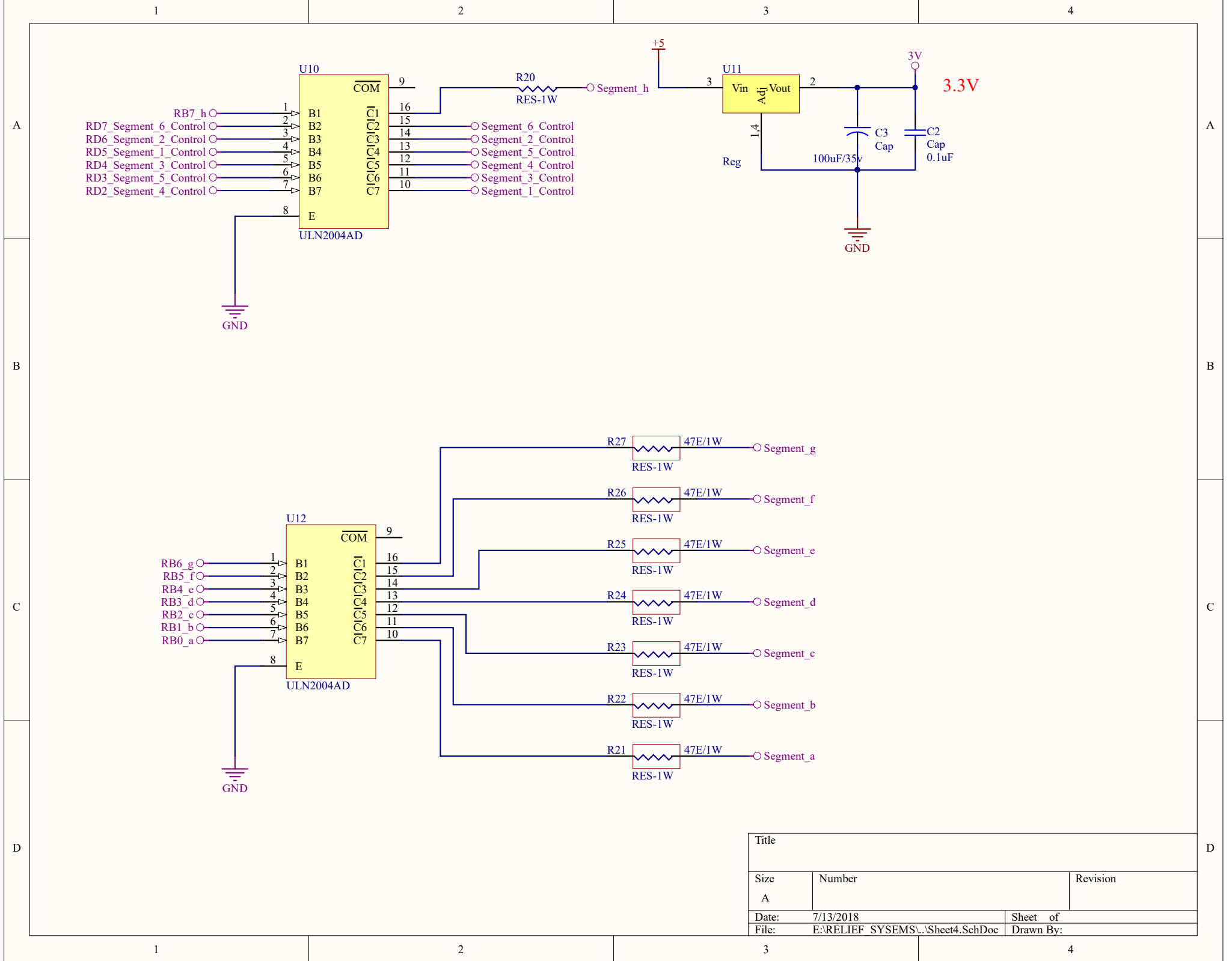
C

D

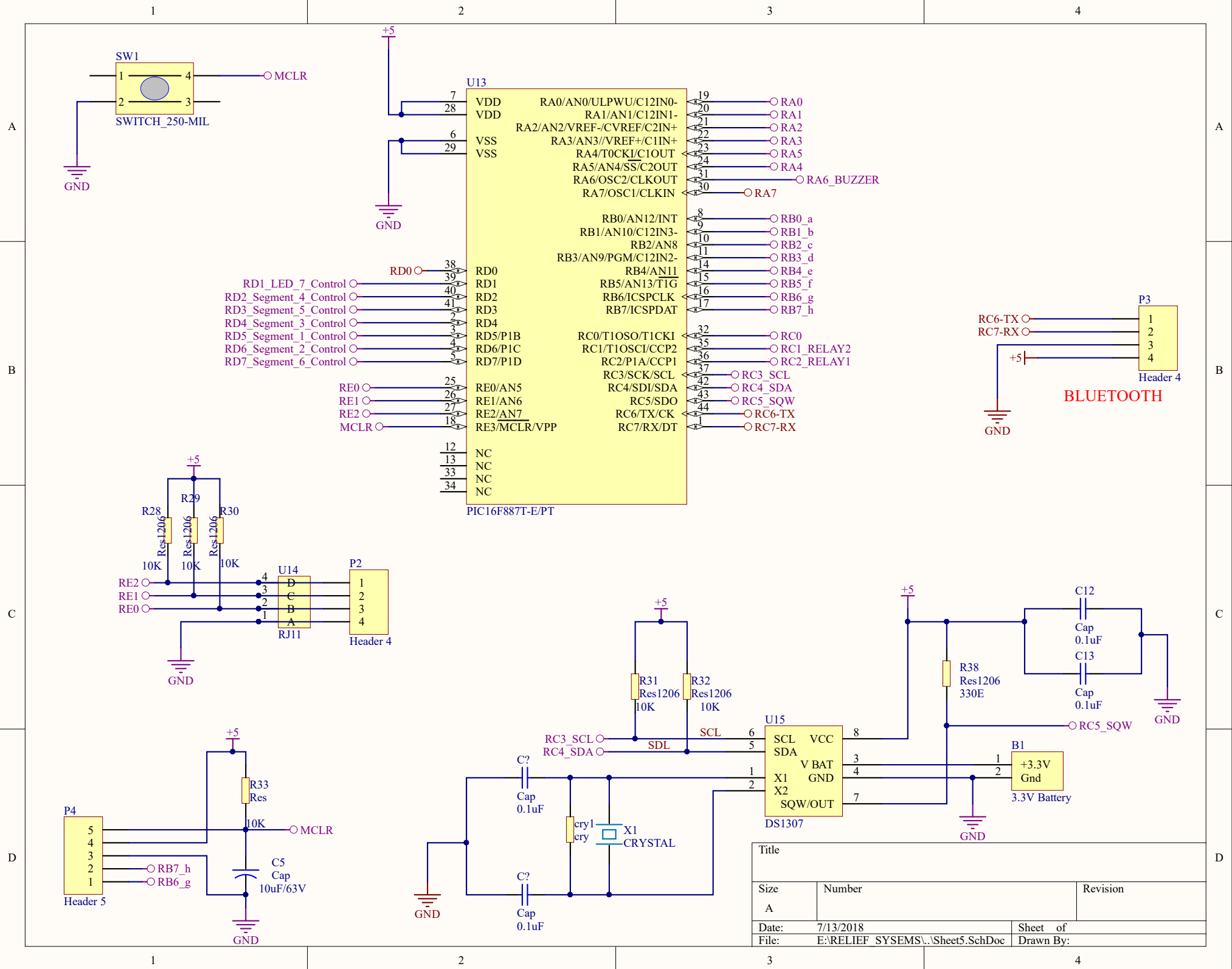


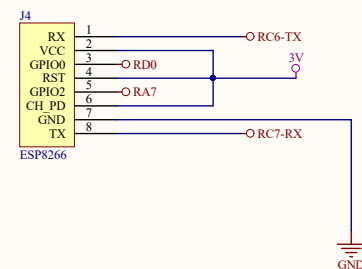
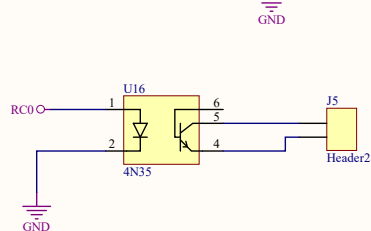
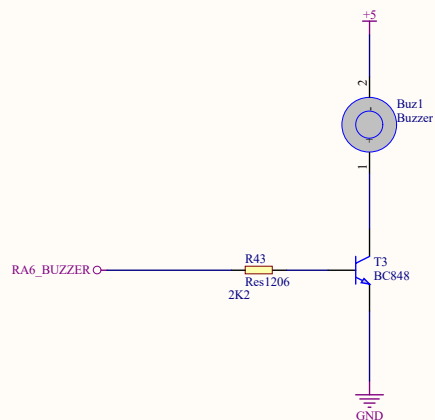
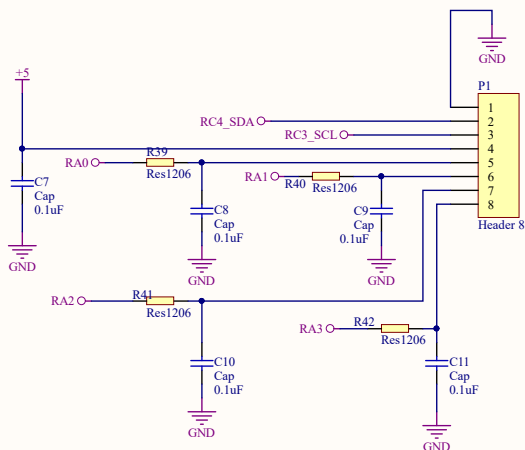
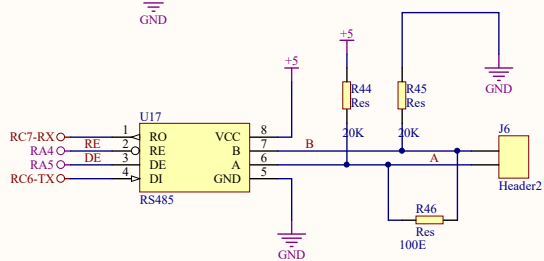
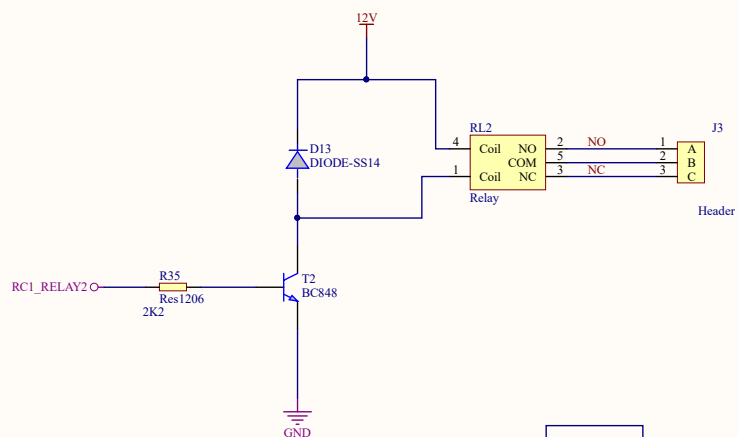
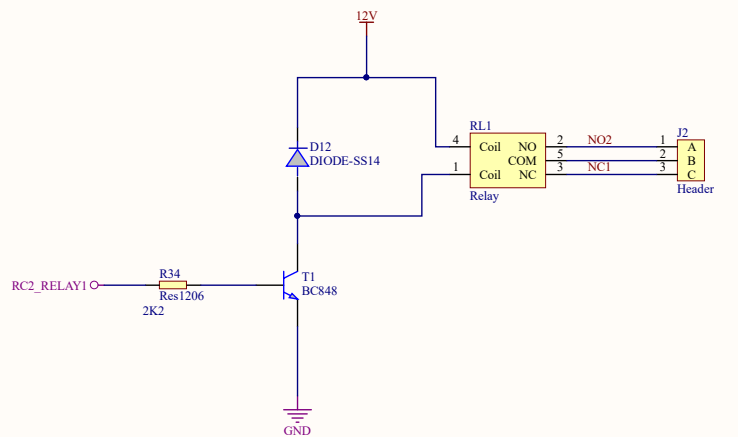
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A		
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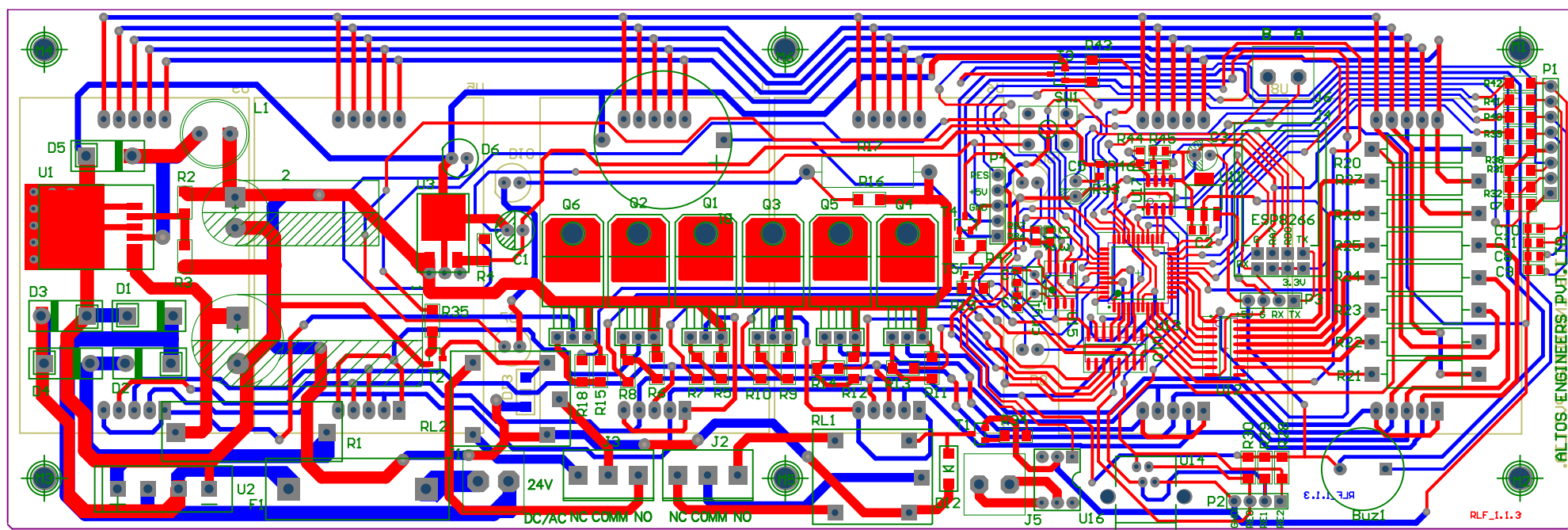


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Date:	7/13/2018	Sheet of
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Title		
Size	Number	Revision
B		
Date:	7/13/2018	Sheet of
File:	E:\RELIEF SYSEMS\Sheet6.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
CAP		1	Capacitor - 2200uF	2200uF/50V	1
CAP		2	Capacitor1000uF	2200uF/50V	1
3.3V Battery	3.3V	B1	CMOS_Battery_H	CMOS Battery_H	1
Buzzer	Buzzer	Buz1	Buzzer	Buzzer	1
Cap	Cap_220uF	C1	CAP_220uF	CAP_220uF	1
Cap	Cap_104_SMD	C2, C8, C9, C10, C11, C12, C13, C?, C?	RES0805	CAP_104_SMD	9
Cap	Cap10uf/63V	C3, C5	Capacitor10UF/63V	Cap-10uf/63V	2
Cap	Cap_104_SMD	C7	1206	CAP_104_SMD	1
cry	Res vertical placement	cry1	Res_150mil	Res vertical placement	1
Diode 5822H		D1, D2, D3, D4, D5	Diode	Diode 5822H	5
LED	LED_5MM	D6, D7, D8, D9, D10	LED5MM	LED_5MM	5
DIODE-SS14	SS14	D12, D13	DO-214AC	DIODE-SS14	2
FUSE	Fuse	F1	FUSE	FUSE	1
Header2		J1, J5, J6	Header2	Header2	3
Header		J2, J3	HEADER AC SMALL	HEADER AC SMALL	2
ESP8266	WIFI Module	J4	ESP8266	ESP8266	1
INDUCTOR_L	Inductor-200	L1	inductor-200mil	Inductor-200	1
MH		M1, M2, M3, M4, M5, M6	Mounting hole	MH	6
Header 8	Header, 8-Pin	P1	HDR1X8	Header 8	1
Header 4	Header, 4-Pin	P2, P3	HDR1X4	Header 4	2
Header 5	Header, 5-Pin	P4	HDR1X5	Header 5	1
Trans	pnp transistor	Q1, Q2, Q3, Q4, Q5, Q6	2N6107	2N6107	6
RES-1E/5W		R1	RES-1E/5W	RES-1E/5W	1
Res1206	Res1206	R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R18, R19, R28, R29, R30, R31, R32, R34, R35, R38, R39, R40, R41, R42, R43, R47	1206	Res1206	31
Res_1W	Res_1W	R17	RES_400_1W	Res_1W	1
RES-1W		R20, R21, R22, R23, R24, R25, R26, R27	RES-1W	RES-1W	8
Res	Res0805	R33, R44, R45, R46	RES0805	Resistor	4
Relay	Relay 12V	RL1, RL2	Relay	Relay	2
SWITCH_250-MIL	200/250mil Didtance	SW1	switch_200/250	SWITCH_250-MIL	1
BC848	TRANSISTOR	T1, T2, T3, T4	SOT23	BC848	4
BC857	BC857	T5	SOT23	BC857	1
LM2575	Vol Reg	U1	D2PAK_5PIN	LM2575	1
BRIDGE	BRIDGE	U2	BRIDGE_200MIL	BRIDGE	1
7805	Vol Reg	U3	D-PAK	7805	1
SSD	SSD 48MM	U4, U5, U6, U7, U8, U9	SP1802_SSD	SP1802	6
ULN2004AD	Darlington Transistor Array	U10, U12	D016_N	ULN2004AD	2
Reg		U11	LM1117	LM1117	1
PIC16F887T-E/PT	Flash-Based, 8-Bit CMOS Microcontroller with nanoWatt Technology, 8K (x14-Bit words) Program Memory, 624 Bytes Data Memory, 35 I/O pins, 44-Pin TQFP, Standard VDD Range, Extended Temperature, Tape and Reel	U13	TQFP-PT44_N	PIC16F887T-E/PT	1
RJ11	RJ11 conn	U14	RJ11	RJ11 conn	1
DS1307		U15	SOIC1307	DS1307	1
4N35	Optocoupler	U16	4N35	4N35	1
RS485	8-Pin SO	U17	RS485	RS485	1
CRYSTAL		X1	CRYSTAL	CRYSTAL	1