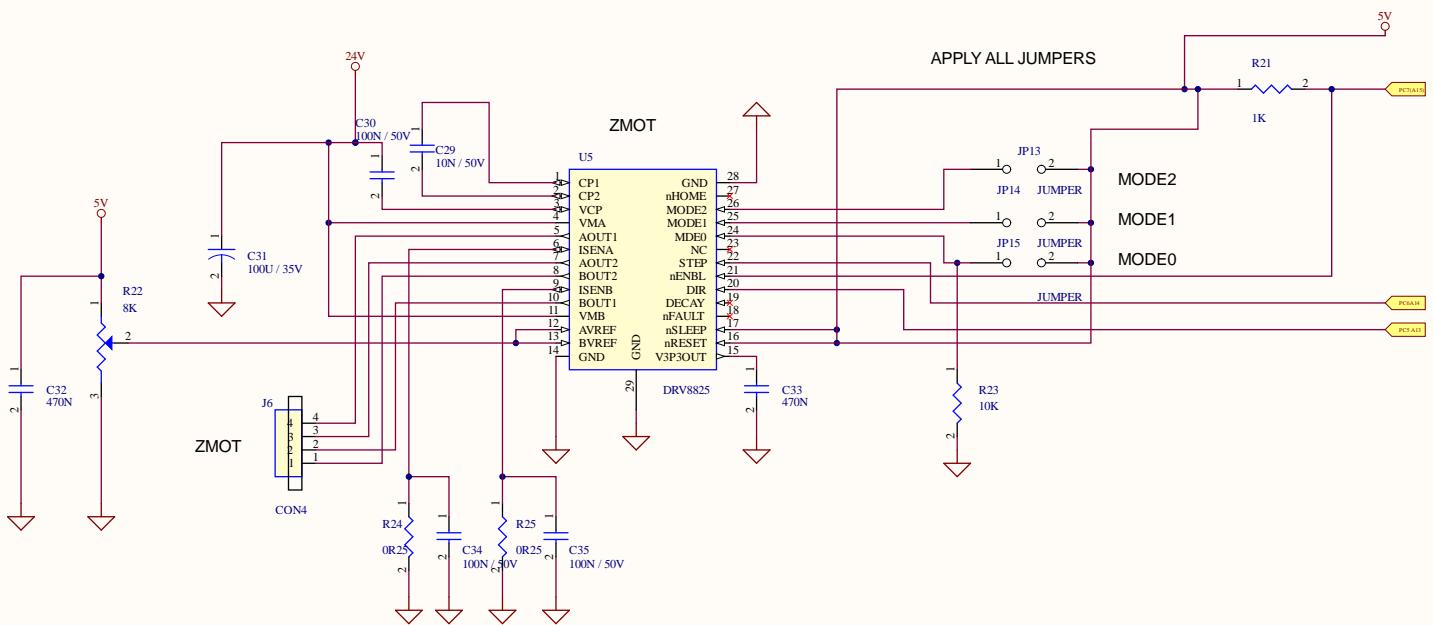
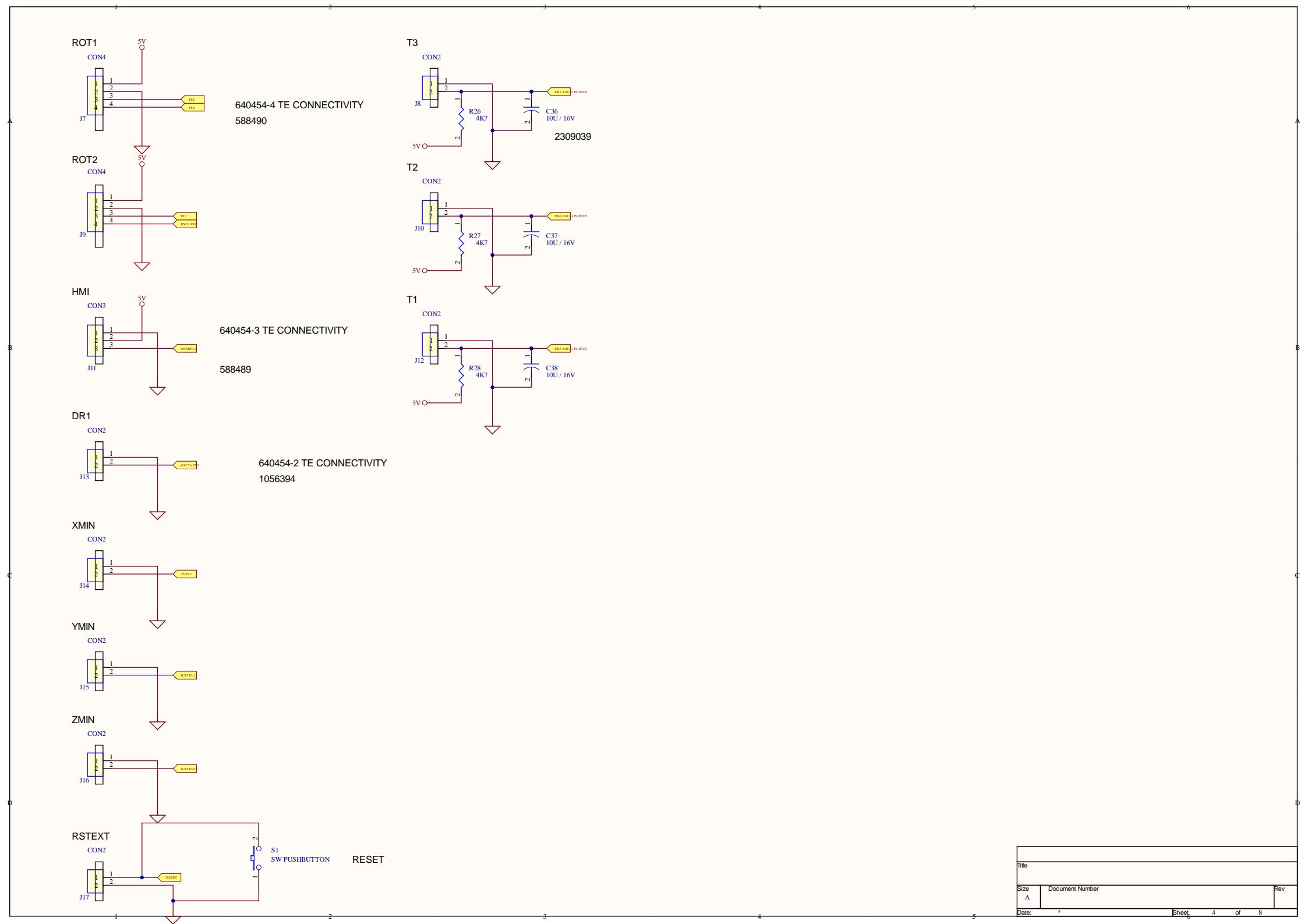
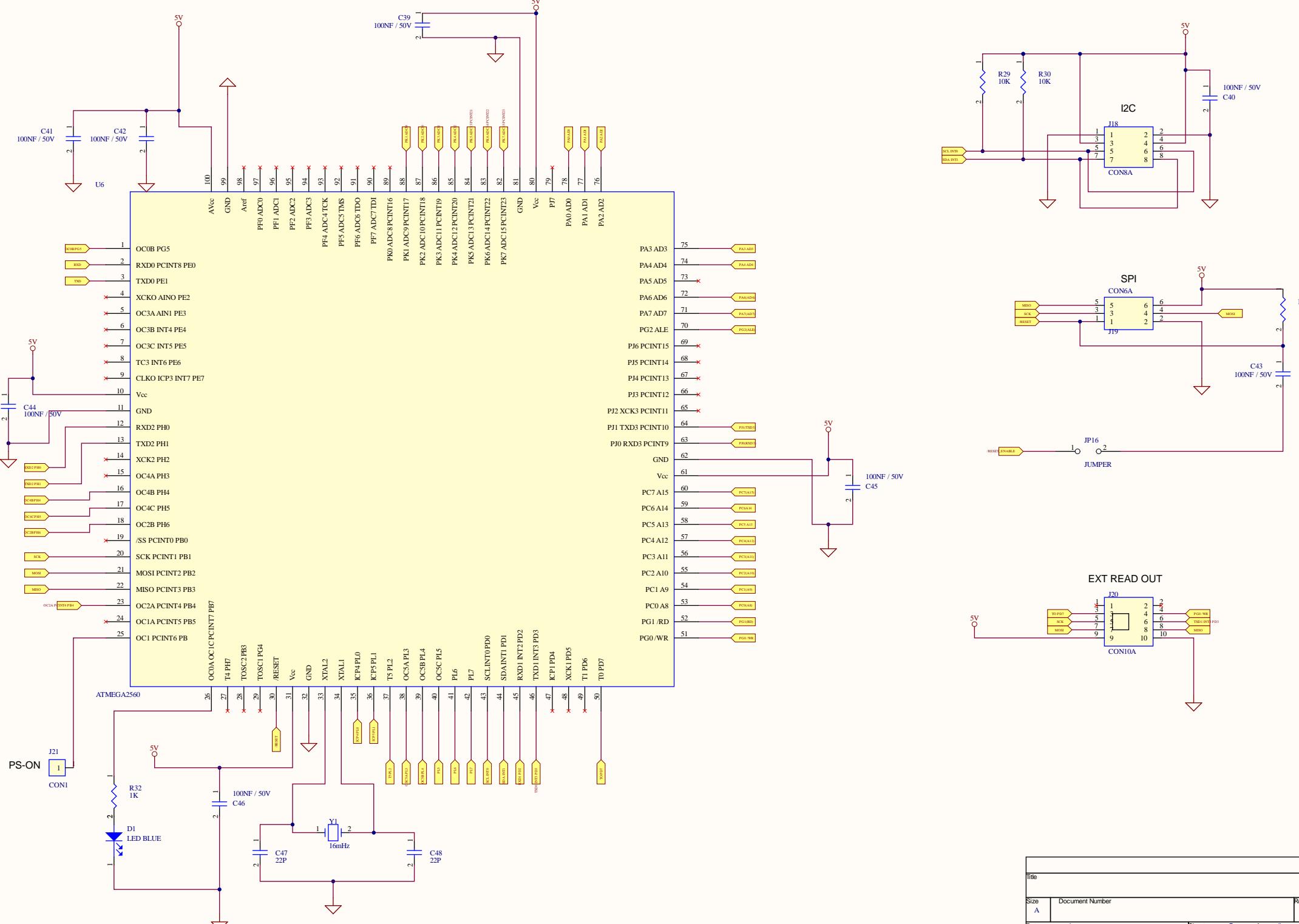


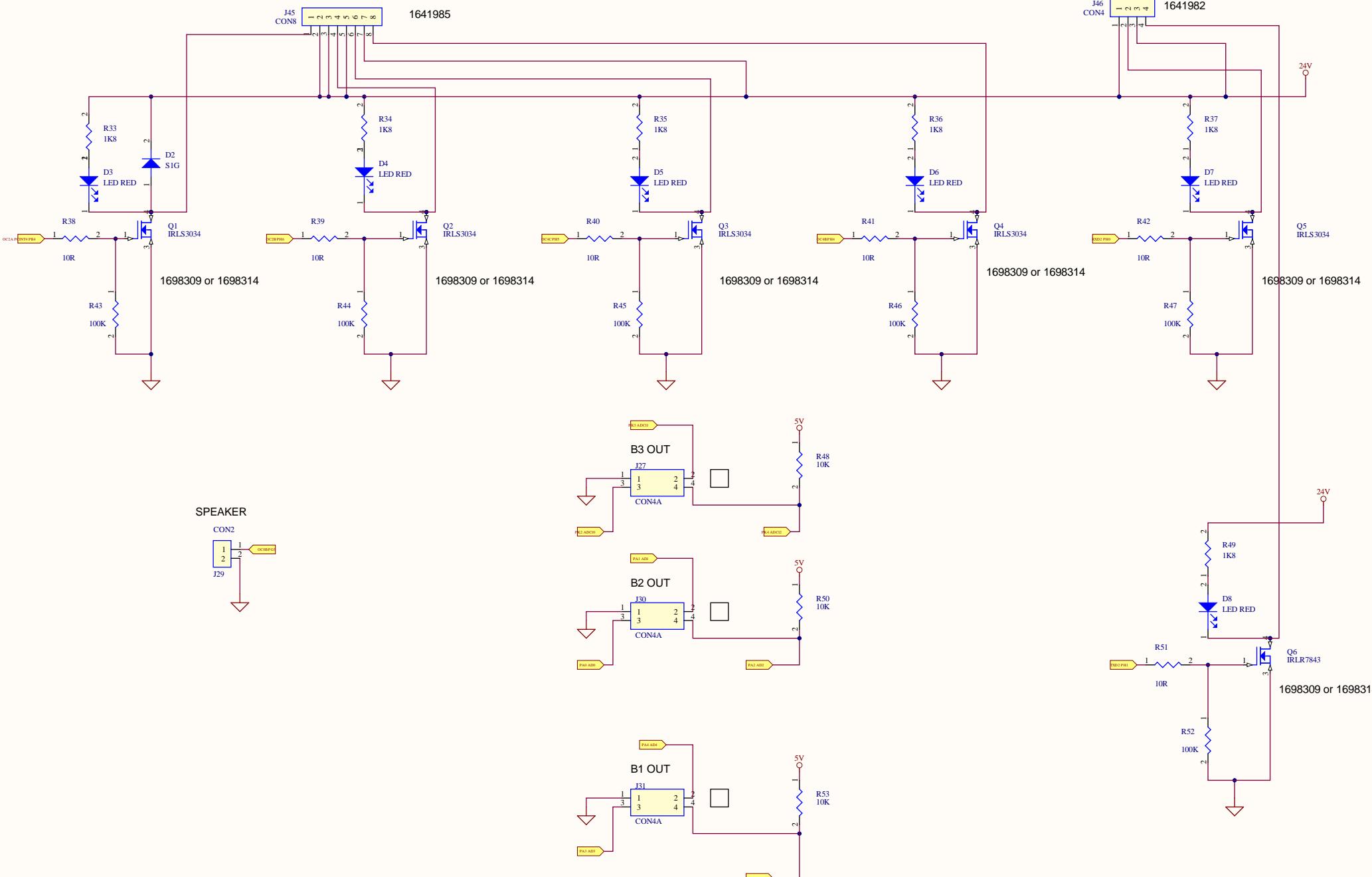
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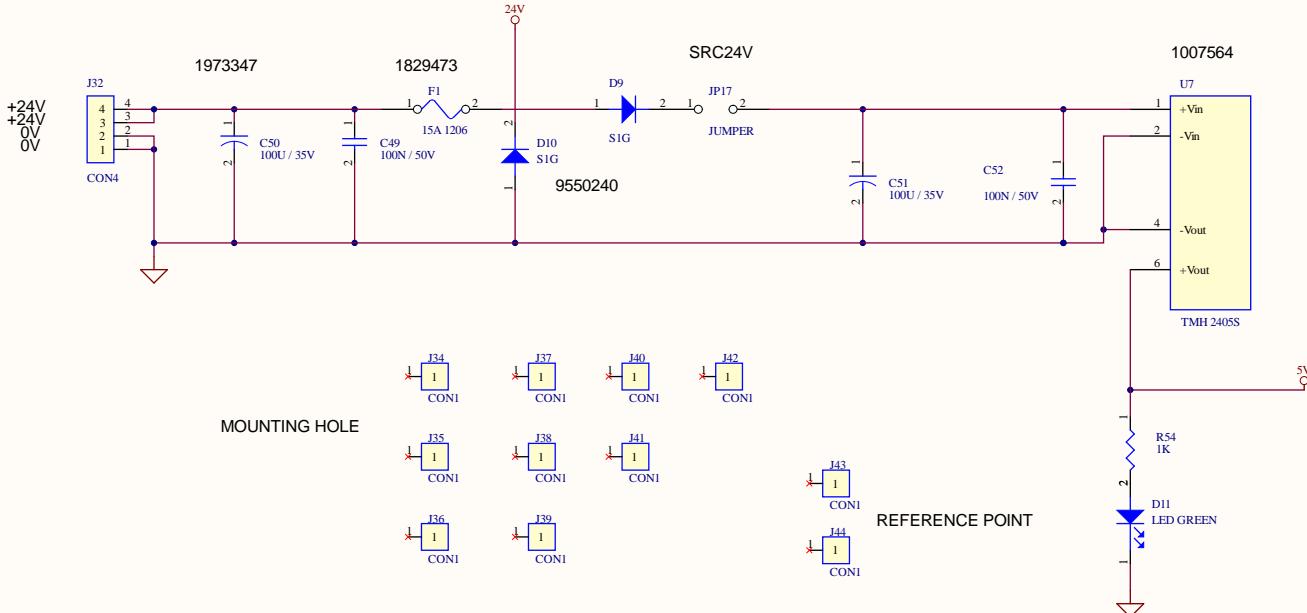
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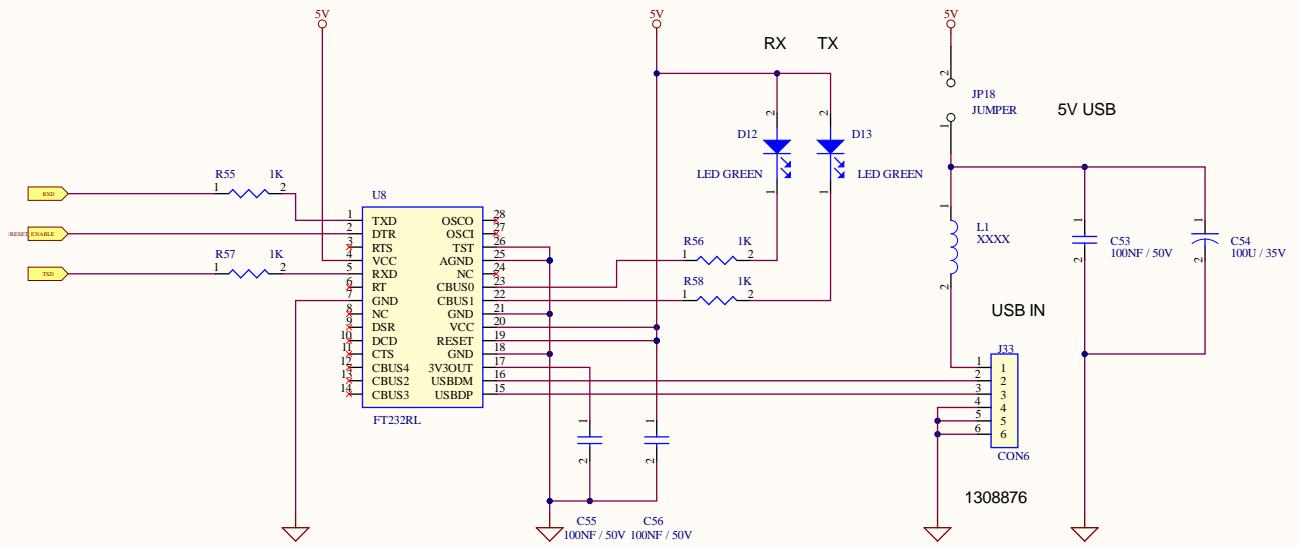




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Date: *	Rev



Comment	Description	Designator	Footprint	LibRef	Quantity
10N / 50V		C1, C8, C15, C22, C29		CAP NP	5
100N / 50V		C2, C6, C7, C9, C13, C14, C16, C20, C21, C23, C27, C28, C30, C34, C35, C49, C52		CAP NP	17
100U / 35V		C3, C10, C17, C24, C31, C50, C51, C54		CAPACITOR	8
470N		C4, C5, C11, C12, C18, C19, C25, C26, C32, C33		CAP NP	10
10U / 16V		C36, C37, C38		CAPACITOR_0, CAPACITOR	3
100NF / 50V		C39, C40, C41, C42, C43, C44, C45, C46, C53, C55, C56		CAP NP	11
22P		C47, C48		CAP NP	2
LED BLUE		D1		LED_2	1
S1G		D2, D9, D10		DIODE_0	3
LED RED		D3, D4, D5, D6, D7, D8		LED_2	6
LED GREEN		D11, D12, D13		LED_2	3
15A 1206		F1		FUSE	1
CON4		J1, J3, J4, J5, J6, J7, J9, J32, J46		CON4	9
CON2		J2, J8, J10, J12, J13, J14, J15, J16, J17, J29		CON2	10
CON3		J11		CON3	1
CON8A		J18		CON8A	1
CON6A		J19		CON6A	1
CON10A		J20		CON10A	1
CON1		J21, J34, J35, J36, J37, J38, J39, J40, J41, J42, J43, J44		CON1	12
CON4A		J27, J30, J31		CON4A	3
CON6		J33		CON6	1
CON8		J45		CON8	1
JUMPER		JP1, JP2, JP3, JP4, JP5, JP6, JP7, JP8, JP9, JP10, JP11, JP12, JP13, JP14, JP15, JP16, JP17, JP18		JUMPER	18
XXXX		L1		INDUCTOR	1
IRLS3034		Q1, Q2, Q3, Q4, Q5		MOSFET N_1, MOSFET N_2, MOSFET N_3	5
IRLR7843		Q6		MOSFET N_3	1
1K		R1, R6, R11, R16, R21, R32, R54, R55, R56, R57, R58		R	11
8K		R2, R7, R12, R17, R22		POT_0	5
10K		R3, R8, R13, R18, R23, R29, R30, R31, R48, R50, R53		R	11
0R25		R4, R5, R9, R10, R14, R15, R19, R20, R24, R25		R	10
4K7		R26, R27, R28		R	3
1K8		R33, R34, R35, R36, R37, R49		R	6
10R		R38, R39, R40, R41, R42, R51		R	6
100K		R43, R44, R45, R46, R47, R52		R	6
SW PUSHBUTTON		S1		SW PUSHBUTTON	1
DRV8825		U1, U2, U3, U4, U5		DRV8825	5
ATMEGA2560		U6		ATMEGA2560	1
TMH 2405S		U7		TMH 2405S	1
FT232RL		U8		FT232RL	1
16mHz		Y1		CRYSTAL	1