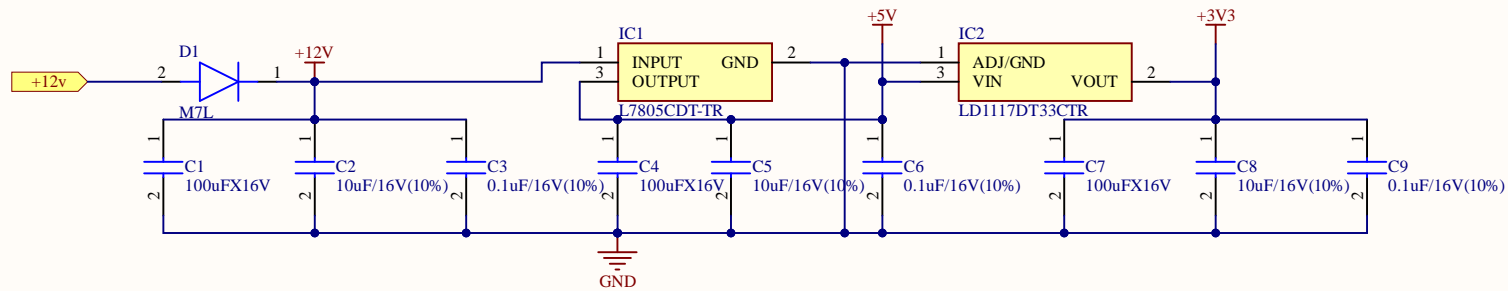
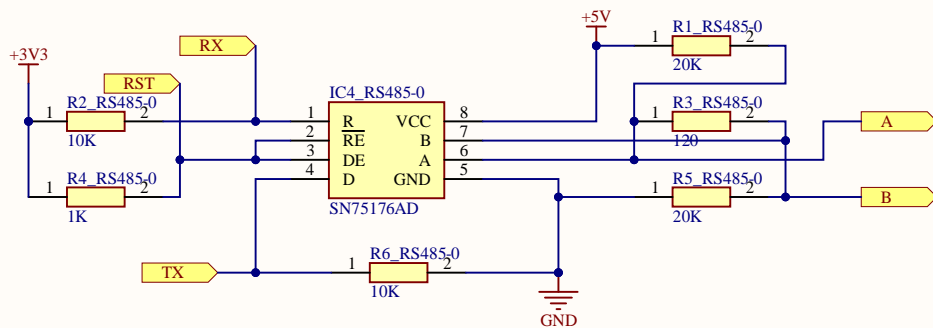


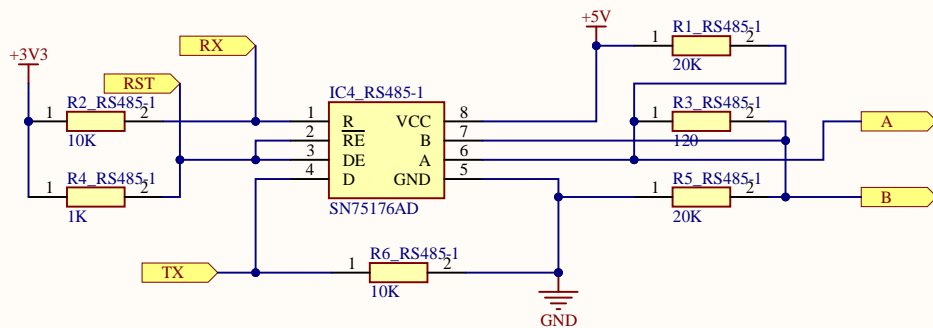
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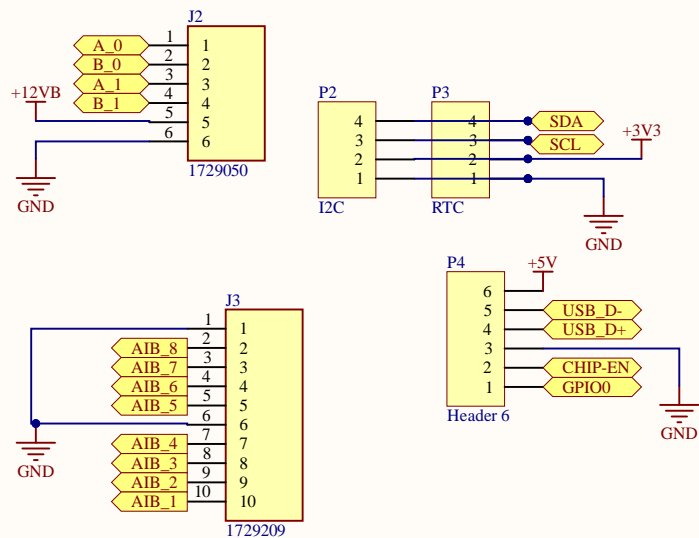
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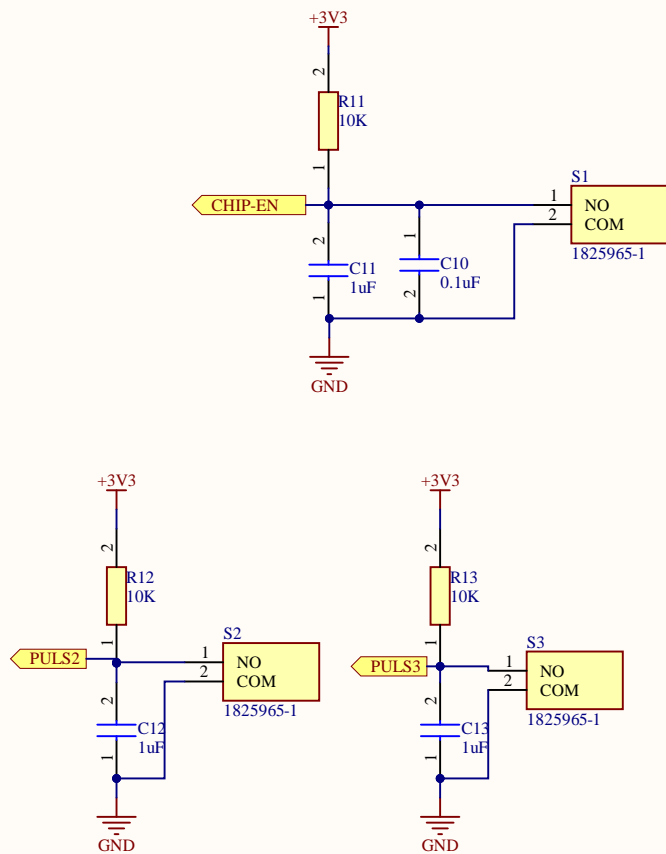
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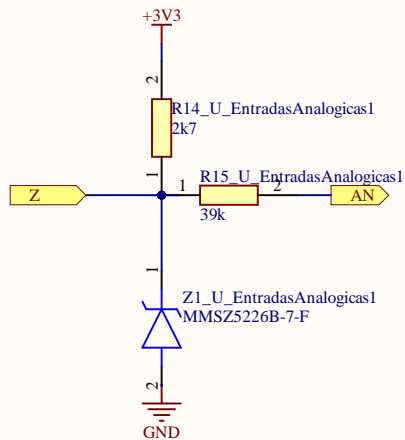
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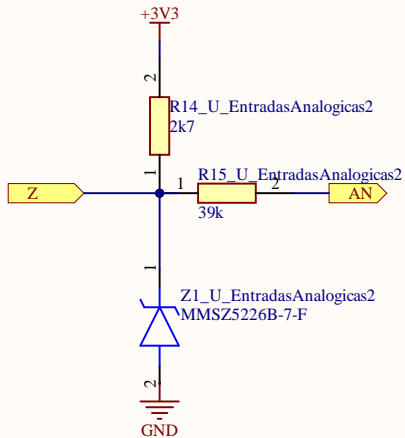
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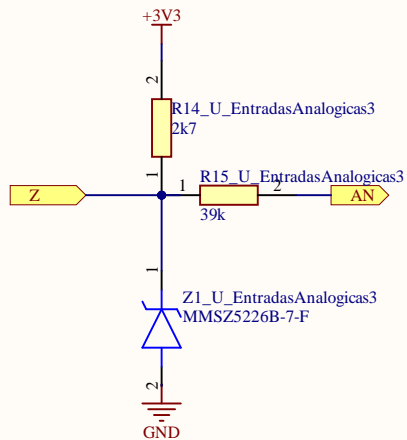
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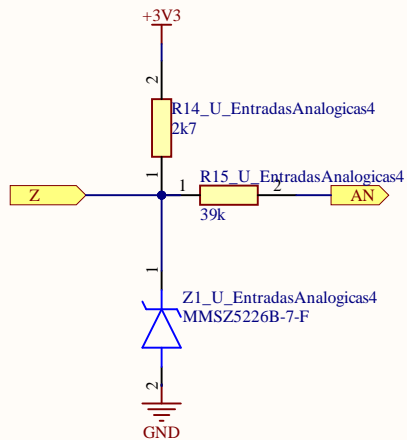
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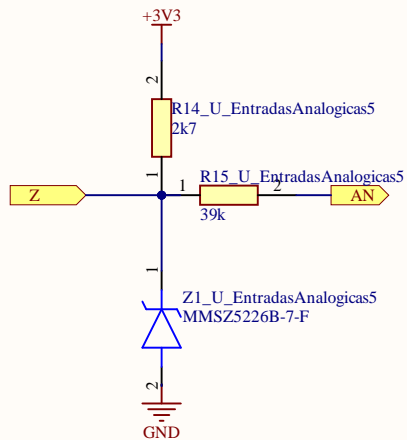
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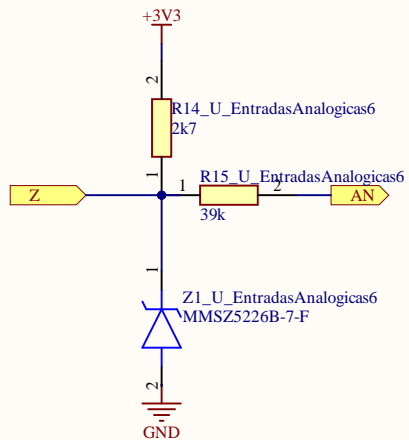
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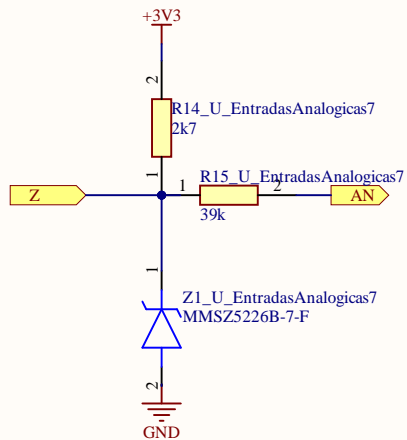
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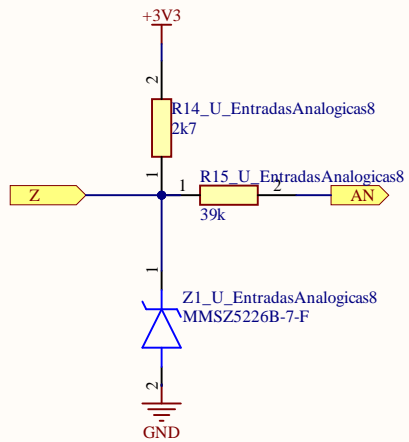
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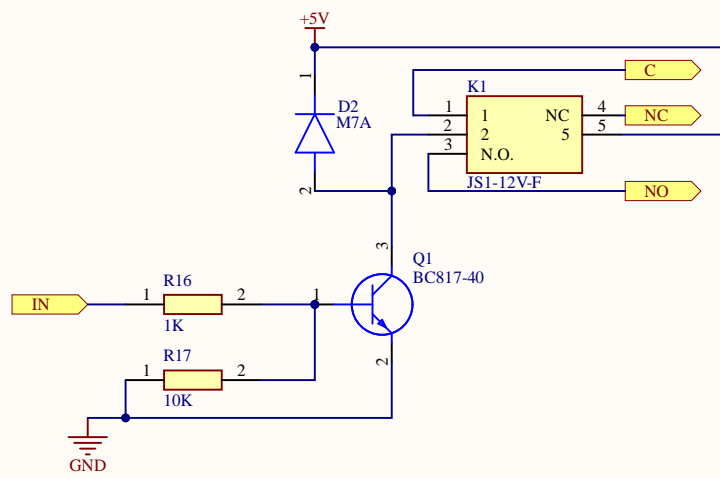
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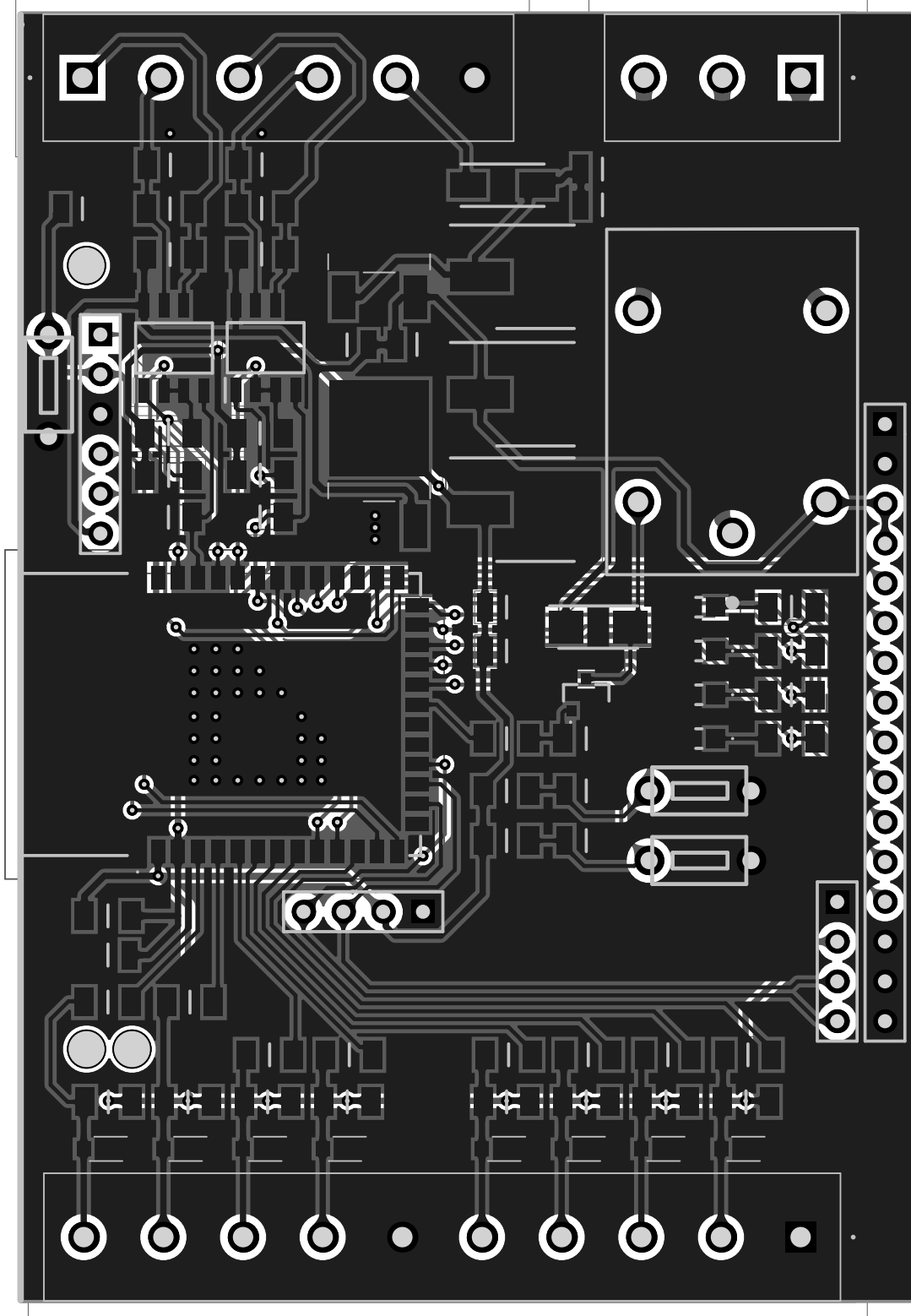
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Comment	Description	Designator	Footprint	LibRef	Quantity
100uF X16V	100uF X16V 20%, 6.3x5.4 ELE RAD SMD	C1, C4, C7	CAPA660X550N	NACE101M16V6.3K5.5 TR13F	3
10uF /16V(10%)	100NF X50V X7R 10% CER MULT SMD 1206	C2, C5, C8	CAPC3216X100N	CL31B104KBCNNNC	3
0.1uF /16V(10%)	100NF X50V X7R 10% CER MULT SMD 1206	C3, C6, C9	CAPC3216X100N	CL31B104KBCNNNC	3
0.1uF	100NF X50V X7R 10% CER MULT SMD 1206	C10	CAPC3216X100N	CL31B104KBCNNNC	1
1uF	100NF X50V X7R 10% CER MULT SMD 1206	C11, C12, C13	CAPC3216X100N	CL31B104KBCNNNC	3
M7L	Diode	D1	D10NM5327X240N	M7L	1
M7A	Diode	D2	D10NM5027X262N	M7A	1
L7805CDT-TR	Integrated Circuit	IC1	L7805CDTTR	L7805CDT-TR	1
LD1117DT33CTR	TO-252-3/DPACK 0.95A 3.3V	IC2	L7805CDTTR	LD1117DT33CTR	1
ESP32-S3-WROOM-1-N4	Integrated Circuit	IC3	Model Name	ESP32-S3-WROOM-1-N4	1
SN75176AD	Integrated Circuit	IC4_RS485-0, IC4_RS485-1	SOIC127P600X175-8N	SN75176AD	2
1729021	Connector	J1	1729021	1729021	1
1729050	Connector	J2	1729050	1729050	1
1729209	Connector	J3	1729209	1729209	1
JS1-12V-F	Relay or Contactor	K1	JS1-12V-F_1	JS1-12V-F	1
APHCM2012SURCK-F01	LED	LED1, LED2, LED3, LED4	APHCM2012SURCKF01	APHCM2012SURCK-F01	4
MCI	Header, 16-Pin	P1	HDR1X16	Header 16	1
I2C	Header, 4-Pin	P2	HDR1X4	Header 4	1
RTC	Header, 4-Pin	P3	HDR1X4	Header 4	1
Header 6	Header, 6-Pin	P4	HDR1X6	Header 6	1
BC817-40	Transistor BJT NPN	Q1	BC81740215	BC817-40,215	1
20K	Resistor	R1_RS485-0, R1_RS485-1, R5_RS485-0, R5_RS485-1	RESC3216X75N	CR1206-F_-2R00ELF	4
10K	Resistor	R2_RS485-0, R2_RS485-1, R6_RS485-0, R6_RS485-1, R11, R12, R13, R17	RESC3216X75N	CR1206-F_-2R00ELF	8
120	Resistor	R3_RS485-0, R3_RS485-1	RESC3216X75N	CR1206-F_-2R00ELF	2
1K	Resistor	R4_RS485-0, R4_RS485-1, R7, R8, R9, R10, R16	RESC3216X75N	CR1206-F_-2R00ELF	7
2k7	Resistor	R14_U_EntradasAnalogicas1, R14_U_EntradasAnalogicas2, R14_U_EntradasAnalogicas3, R14_U_EntradasAnalogicas4, R14_U_EntradasAnalogicas5, R14_U_EntradasAnalogicas6, R14_U_EntradasAnalogicas7, R14_U_EntradasAnalogicas8	RESC3216X75N	CR1206-F_-2R00ELF	8
39k	Resistor	R15_U_EntradasAnalogicas1, R15_U_EntradasAnalogicas2, R15_U_EntradasAnalogicas3, R15_U_EntradasAnalogicas4, R15_U_EntradasAnalogicas5, R15_U_EntradasAnalogicas6, R15_U_EntradasAnalogicas7, R15_U_EntradasAnalogicas8	RESC3216X75N	CR1206-F_-2R00ELF	8
1825965-1	Switch	S1, S2, S3	TAC-SWITCH 2CONT. 3.5X6MM	1825965-1	3
MM5Z5226B-7-F	Zener Diode	Z1_U_EntradasAnalogicas1, Z1_U_EntradasAnalogicas2, Z1_U_EntradasAnalogicas3, Z1_U_EntradasAnalogicas4, Z1_U_EntradasAnalogicas5, Z1_U_EntradasAnalogicas6, Z1_U_EntradasAnalogicas7, Z1_U_EntradasAnalogicas8	MM5Z5226B7F	MM5Z5226B-7-F	8