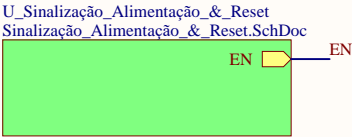
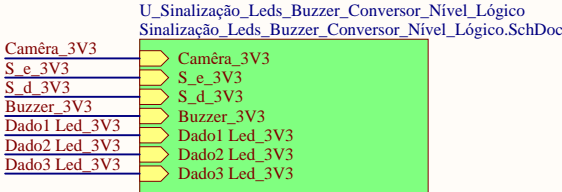
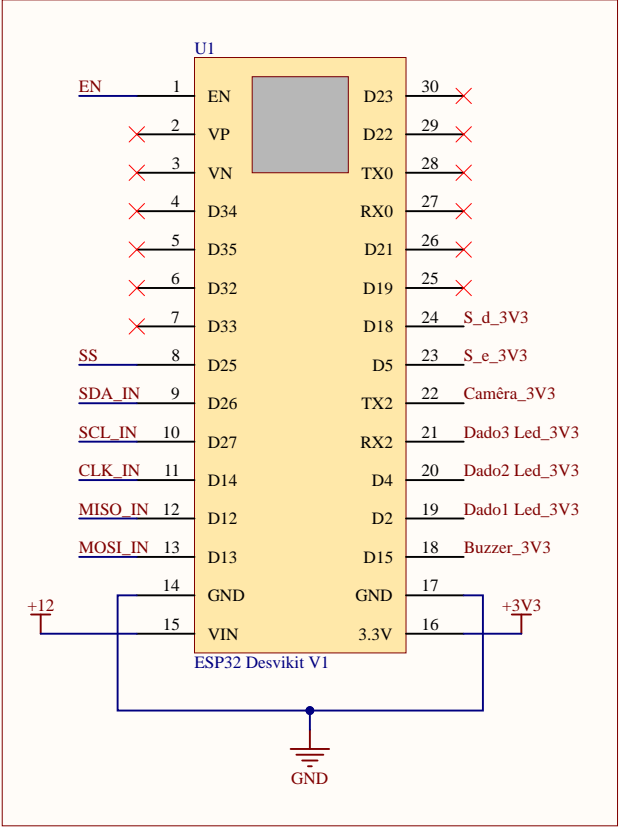
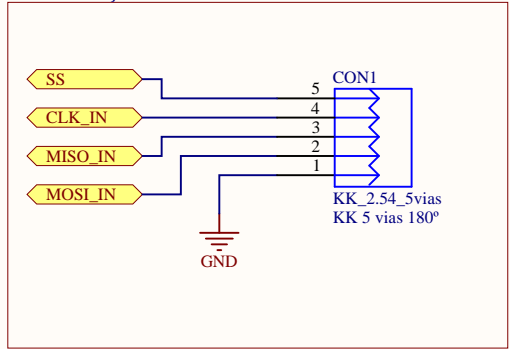


ESP32

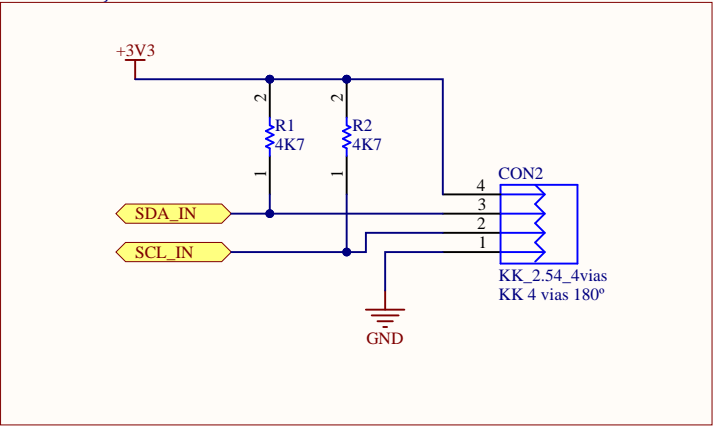


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Size	Number	Revision
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Comunicação SPI

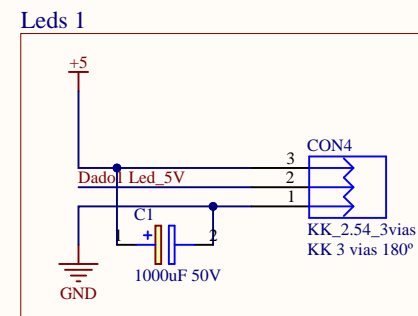
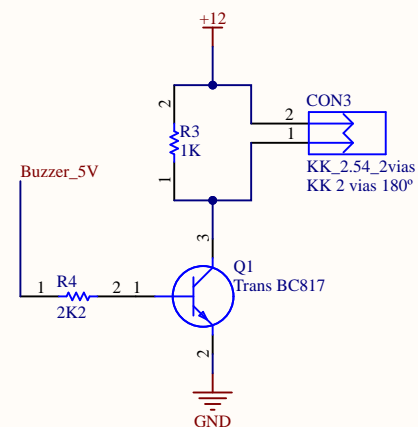


Comunicação I²C

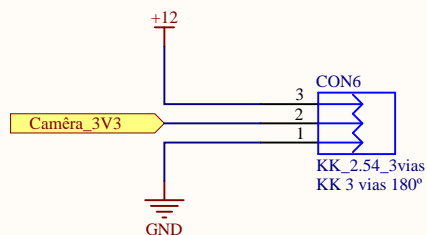


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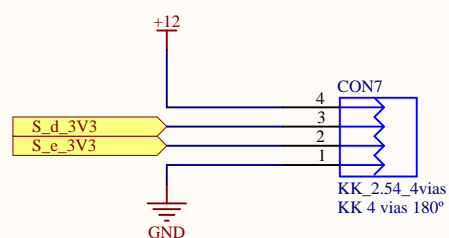
Leds



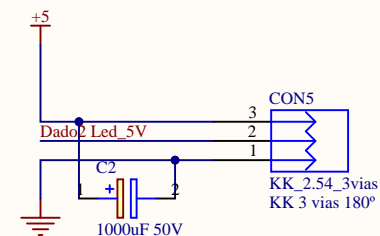
Camêra



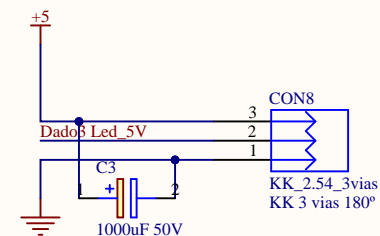
Farois



Leds 2

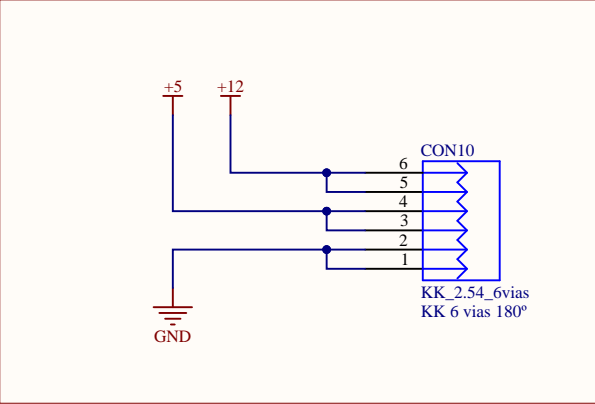


Leds 3

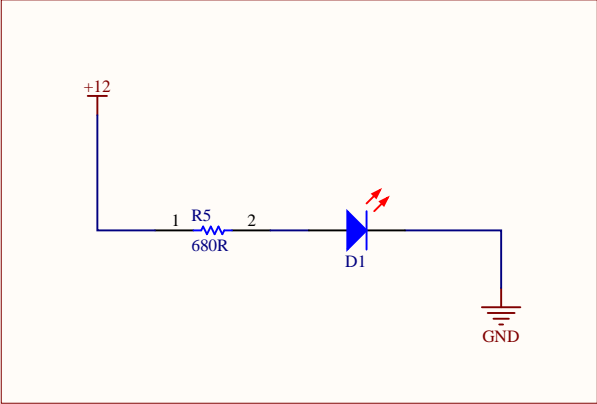


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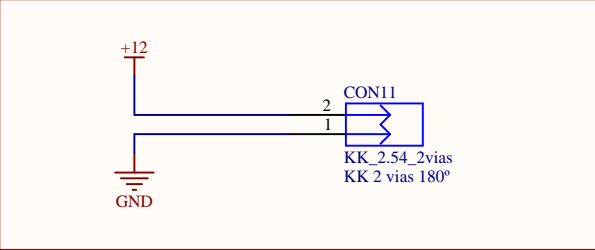
Alimentação



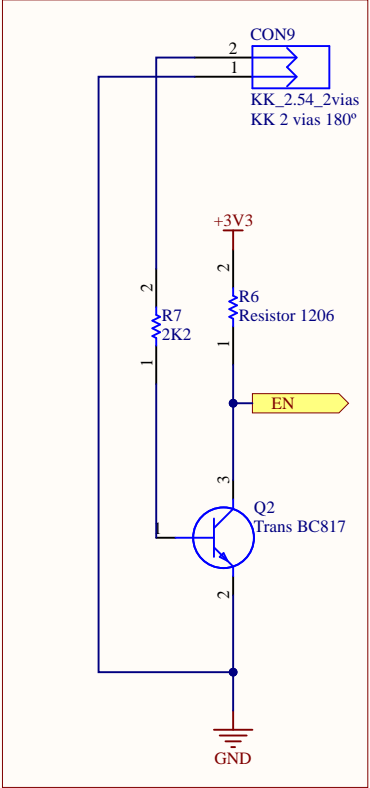
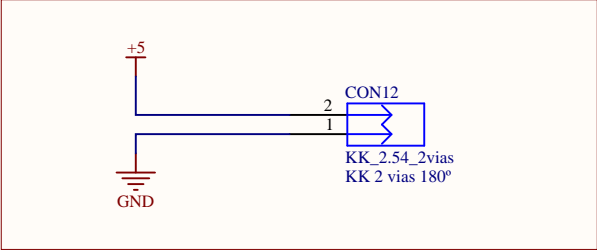
Led de alimentação



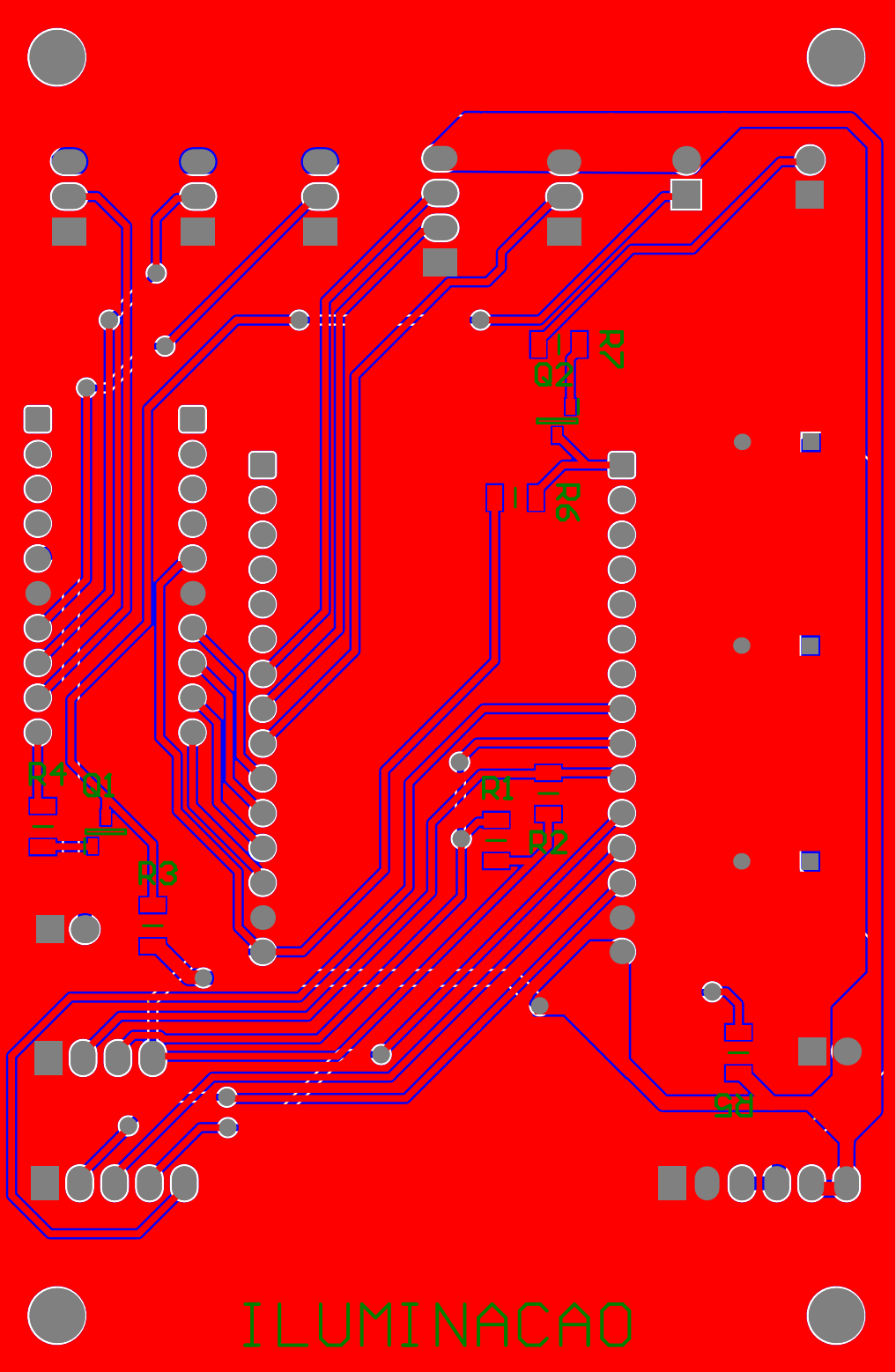
Tensão Saida 12V



Tensão Saida 5V



Title		
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Date:	8/27/2021	Sheet of
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Comment	Description	Designator	Footprint	LibRef	Quantity
1000uF 50V	Capacitor Eletrolitico 1000uF 50V	C1, C2, C3	CAPPRD500W62D130 0H2650	1000uF 50V	3
KK_2.54_5vias	Conector KK 2.54mm 5 vias	CON1	KK_5vias_180°	KK_2.54_5vias	1
KK_2.54_4vias	Conector KK 2.54mm 4 vias	CON2, CON7	KK_4vias_180°	KK_2.54_4vias	2
KK_2.54_2vias	Conector KK 2.54mm 2 vias	CON3, CON9, CON11, CON12	KK_2VIAS_180°	KK_2.54_2vias	4
KK_2.54_3vias	Conector KK 2.54mm 3 vias	CON4, CON5, CON6, CON8	KK_3vias_180°	KK_2.54_3vias	4
KK_2.54_6vias	Conector KK 2.54mm 6 vias	CON10	KK_6vias_180°	KK_2.54_6vias	1
LED 3MM RED	LED 3MM RED	D1	LED RED	LED 3MM RED	1
Trans BC817	Transistor BJT NPN BC817-25-7-F	Q1, Q2	SOT96P240X110-3N	Trans BC817	2
4K7	Resistor	R1, R2	RESC3216X60N	Resistor 1206	2
1K	Resistor	R3	RESC3216X60N	Resistor 1206	1
2K2	Resistor	R4, R7	RESC3216X60N	Resistor 1206	2
680R	Resistor	R5	RESC3216X60N	Resistor 1206	1
Resistor 1206	Resistor	R6	RESC3216X60N	Resistor 1206	1
microcontrolador	microcontrolador com moculo bluethoth e wifi	U1	ESP32_Desvikit_v1	ESP32 Desvikit v1	1
Conversor de nível logico		U2	Conversor de nível lógico	Conversor de nível logico	1