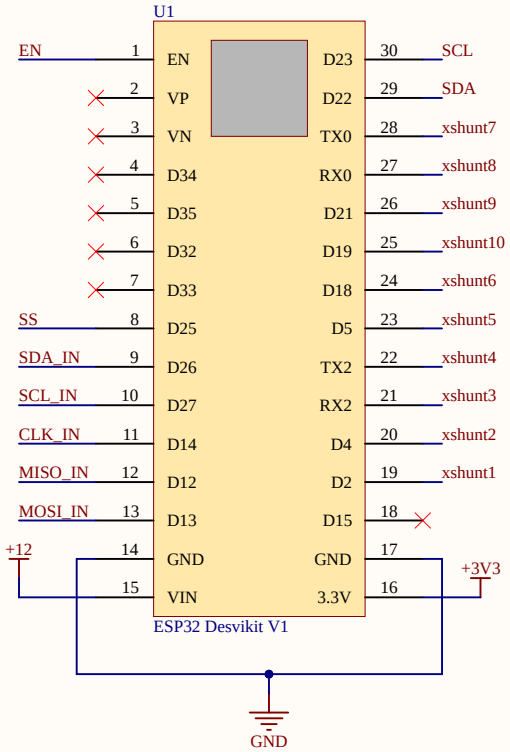
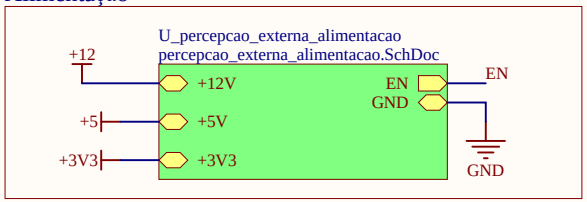
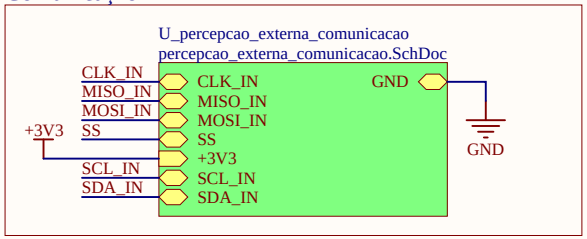
ESP32



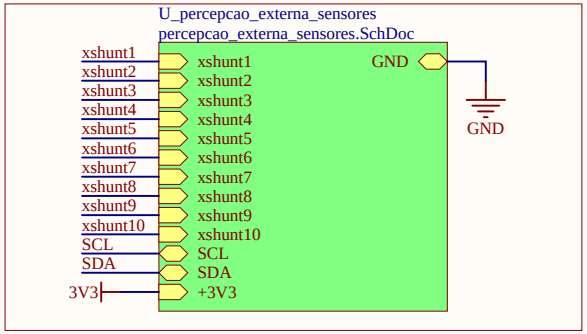
Alimentação



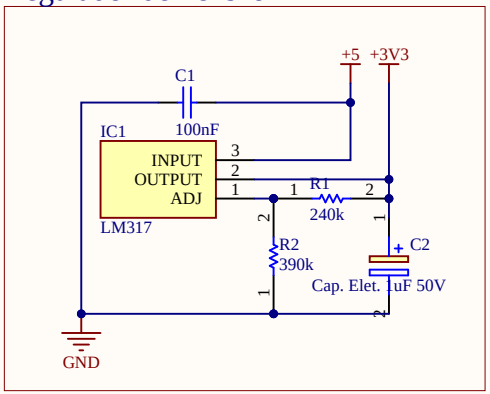
Comunicação



sensores



Regulador de Tensão



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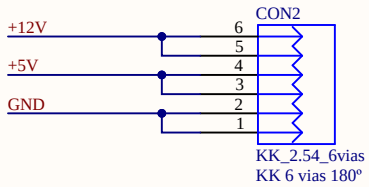
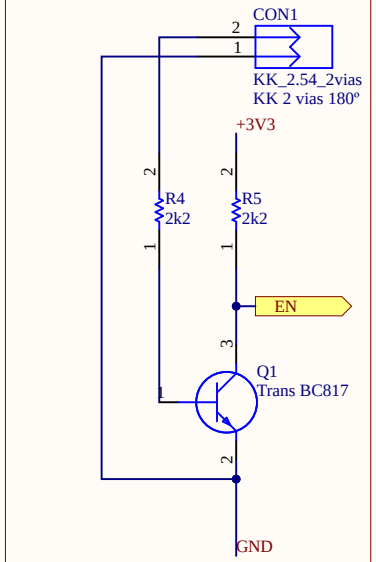
Alimentação



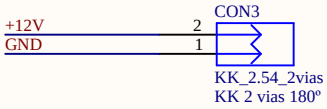
Led de alimentação

Reset

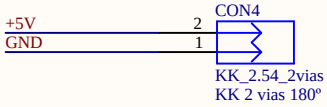


Entradas e saidas

Tensão Saida 12V



Tensão Saida 5V



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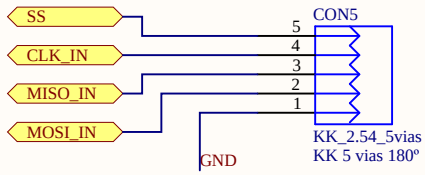
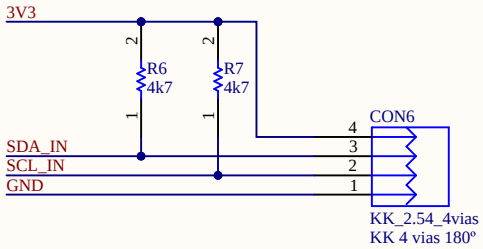
Comunicação SPI



Comunicação I²C



Entradas e saidas

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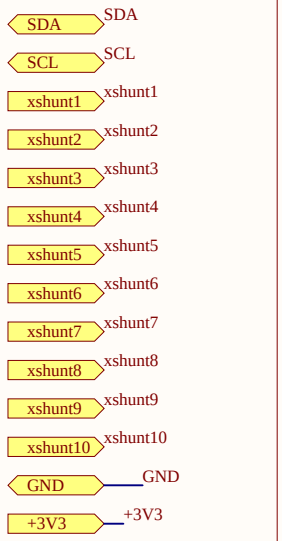
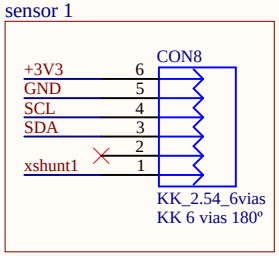
Inputs/outputs

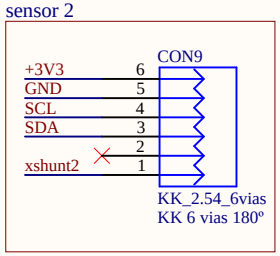


Sensores de Distância

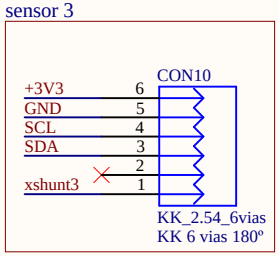
sensor 1



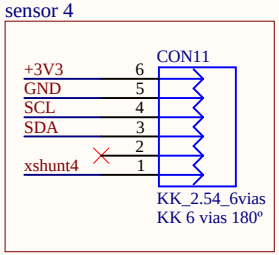
sensor 2



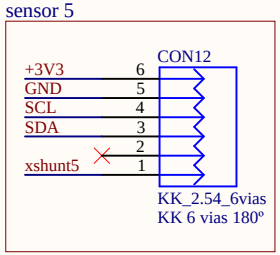
sensor 3



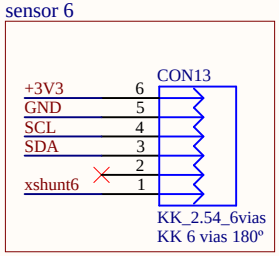
sensor 4



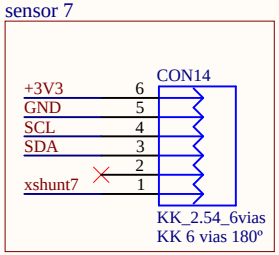
sensor 5



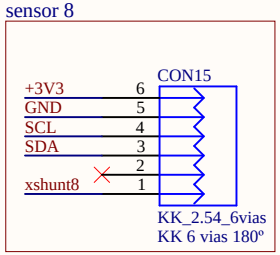
sensor 6



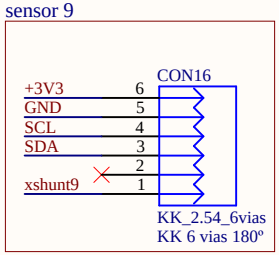
sensor 7



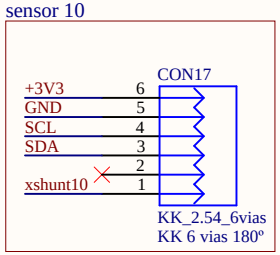
sensor 8



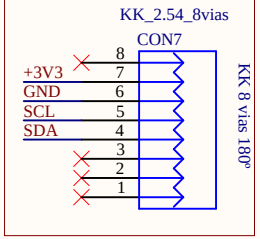
sensor 9



sensor 10



Sensor de Inercia



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Comment	Description	Designator	Footprint	LibRef	Quantity
100nF	CAP CER DISK 10uF 50V	C1	CAP CER DISK 10uF 50V	CAP CER DISK 10uF 50V_1	1
Cap. Elet. 1uF 50V	Aluminum Organic Polymer Capacitors 16volts 470uF ESR 10mohm	C2	Cap. Elet. 470uF 16V	Cap. Elet. 470 uF 16V	1
KK_2.54_2vias	Conector KK 2.54mm 2 vias	CON1, CON3, CON4	KK_2VIAS_180º	KK_2.54_2vias	3
KK_2.54_6vias	Conector KK 2.54mm 6 vias	CON2, CON8, CON9, CON10, CON11, CON12, CON13, CON14, CON15, CON16, CON17	KK_6vias_180°	KK_2.54_6vias	11
KK_2.54_5vias	Conector KK 2.54mm 5 vias	CON5	KK_5vias_180°	KK_2.54_5vias	1
KK_2.54_4vias	Conector KK 2.54mm 4 vias	CON6	KK_4vias_180°	KK_2.54_4vias	1
KK_2.54_8vias	Conector KK 2.54mm 8 vias	CON7	KK_8vias_180°	KK_2.54_8vias	1
LED 3MM RED	LED 3MM RED	D1	LED RED	LED 3MM RED	1
LM317	Integrated Circuit	IC1	TO254P467X1016X1971-3P	LM317	1
Trans BC817	Transistor BJT NPN BC817-25-7-F	Q1	SOT96P240X110-3N	Trans BC817	1
240k	RES 1206 5%	R1	RESC3216X60N	RES 1206	1
390k	RES 1206 5%	R2	RESC3216X60N	RES 1206	1
680R	Resistor	R3	RESC3216X60N	Resistor 1206	1
2k2	Resistor	R4, R5	RESC3216X60N	Resistor 1206	2
4k7	RES 1206 5%	R6, R7	RESC3216X60N	RES 1206	2
microcontrolador	microcontrolador com moculo bluethoth e wifi	U1	ESP32_Desvikit_v1	ESP32 Desvikit v1	1