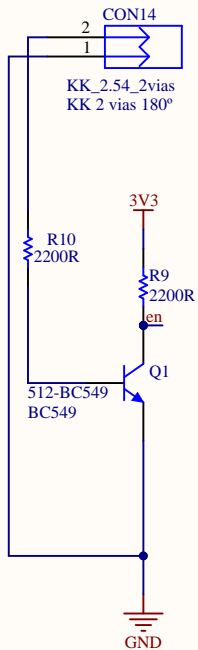
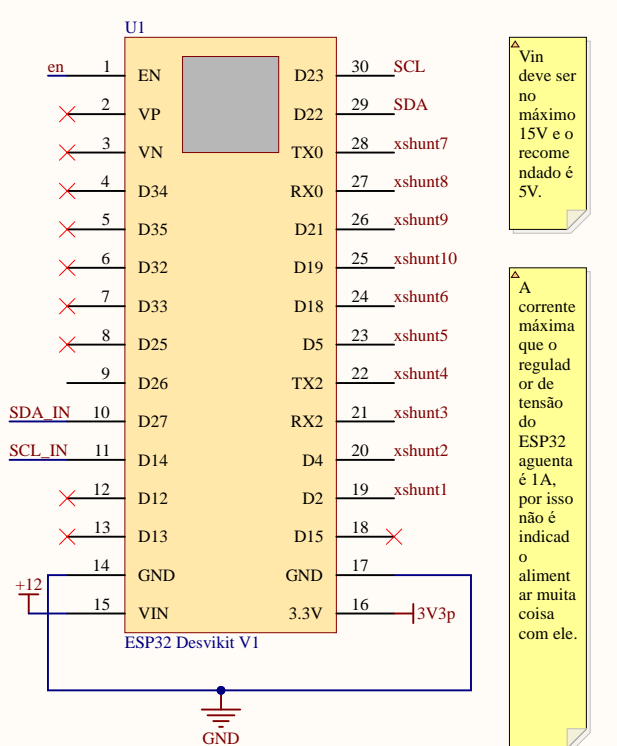


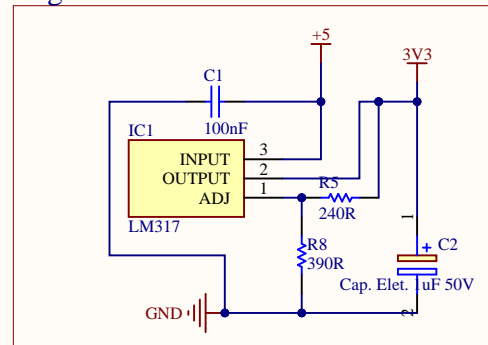
Reset



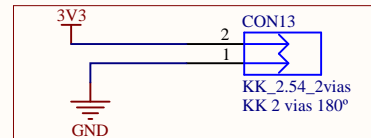
ESP32



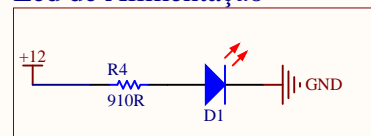
Regulador de Tensão



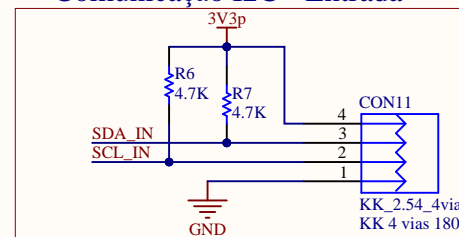
Saída de Tensão 3V3



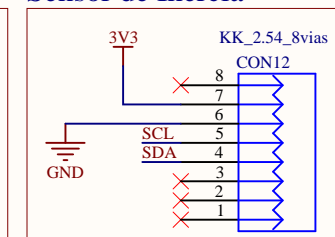
Led de Alimentação



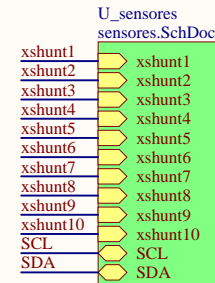
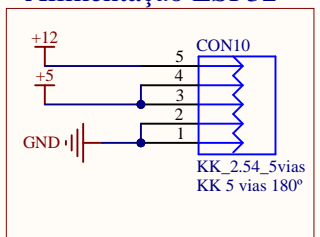
Comunicação I2C - Entrada



Sensor de Inercia



Alimentação ESP32

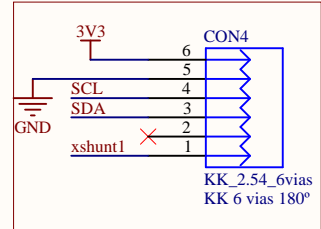


Inputs/outputs

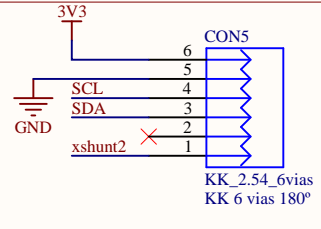
SDA	SDA
SCL	SCL
xshunt1	xshunt1
xshunt2	xshunt2
xshunt3	xshunt3
xshunt4	xshunt4
xshunt5	xshunt5
xshunt6	xshunt6
xshunt7	xshunt7
xshunt8	xshunt8
xshunt9	xshunt9
xshunt10	xshunt10

Sensores de Distância

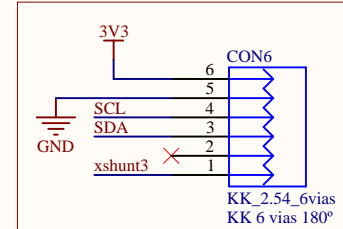
sensor 1



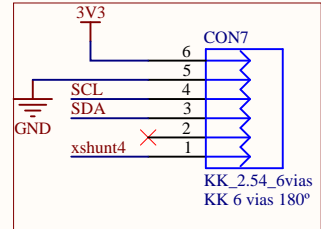
sensor 2



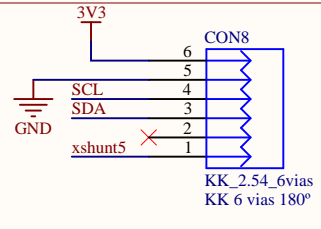
sensor 3



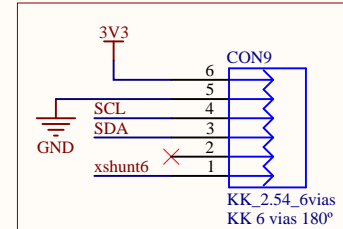
sensor 4



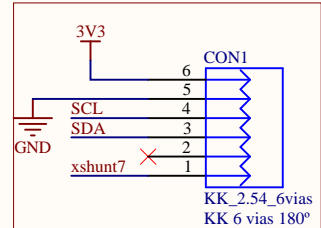
sensor 5



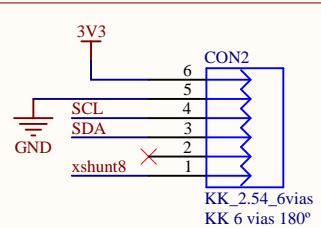
sensor 6



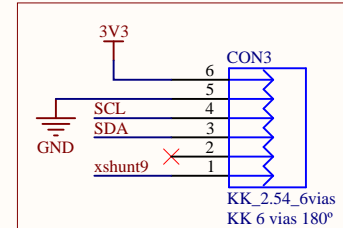
sensor 7



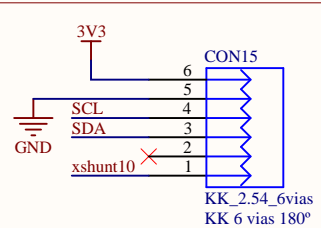
sensor 8



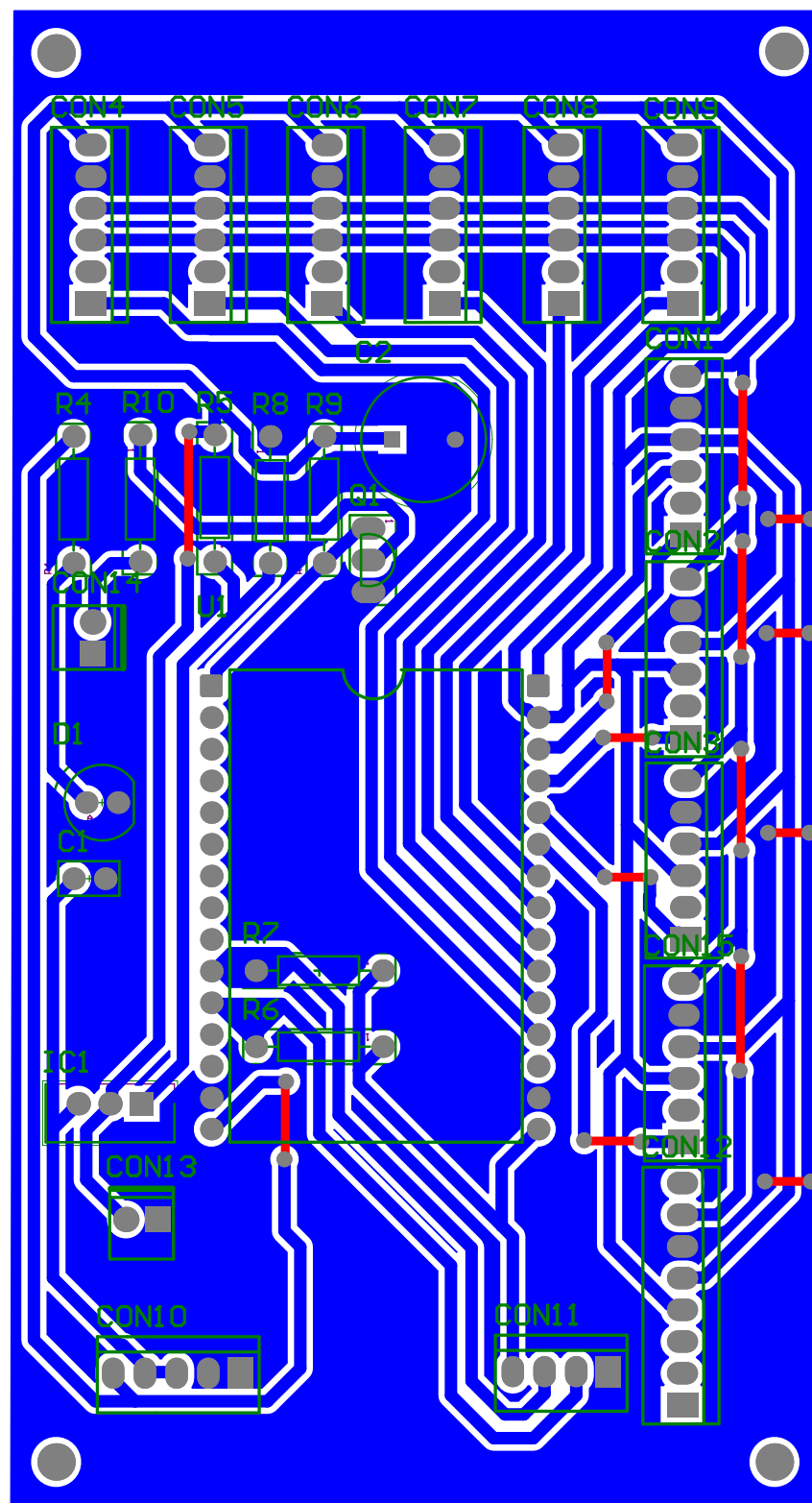
sensor 9



sensor 10



Title		
Size A4	Number	Revision
Date:	8/27/2021	Sheet of
File:	C:\Users\...\sensores.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
100nF	CAP CER DISK 100NF 50V	C1	CAP CER DISK 100NF 50V	CAP CER DISK 100NF 50V	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_6vias	Conector KK 2.54mm 6 vias	CON1, CON2, CON3, CON4, CON5, CON6, CON7, CON8, CON9, CON15	KK_6vias_180°	KK_2.54_6vias	10
KK_2.54_5vias	Conector KK 2.54mm 5 vias	CON10	KK_5vias_180°	KK_2.54_5vias	1
KK_2.54_4vias	Conector KK 2.54mm 4 vias	CON11	KK_4vias_180°	KK_2.54_4vias	1
KK_2.54_8vias	Conector KK 2.54mm 8 vias	CON12	KK_8vias_180°	KK_2.54_8vias	1
KK_2.54_2vias	Conector KK 2.54mm 2 vias	CON13, CON14	KK_2VIAS_180°	KK_2.54_2vias	2
LED 5MM RED	LED 5MM RED	D1	LED 5MM RED	LED 5MM RED	1
LM317	Integrated Circuit	IC1	TO254P467X1016X197 1-3P	LM317	1
BC549	TRANS NPN 30V 0.1A TO-92	Q1	TO92	BC549	1
RES 470R 1/4W CARBON FILM	RES 470R OHM 1/4W 5% CARBON FILM	R4, R5, R8, R9, R10	RES 470R 1/4W CARBON FILM	RES 470R 1/4W CARBON FILM	5
4.7K	RES 4.7K OHM 1/4W 5% CARBON FILM	R6, R7	RES 4.7K 1/4W CARBON FILM	RES 4.7K 1/4W CARBON FILM	2
microcontrolador	microcontrolador com modulo bluethoth e wifi	U1	ESP32_Desvikit_v1	ESP32 Desvikit v1	1