

Microcontrolador principal

NOTA DE DESIGN:
Conector para comunicação
com sensor MH-Z19

NOTA DE DESIGN:
Conector para sensor de efeito
Hall

NOTA DE DESIGN:
Conector de comunicação com
a placa de potência

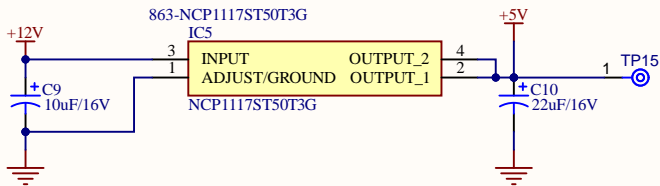
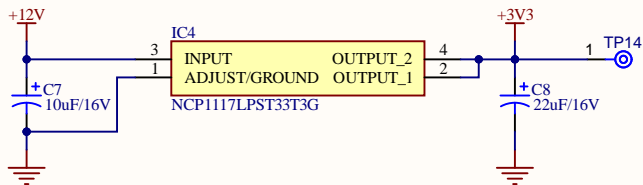
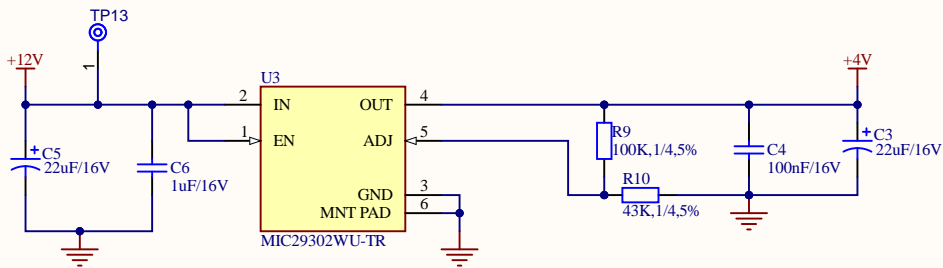
NOTA DE DESIGN:
Sensor de
temperatura e
umidade

NOTA DE DESIGN:
Sensor de pressão absoluta








NOTA DE DESIGN:
Respectivamente, sensor de
direção do vento, anemômetro e
pluviômetro.

Title		
Placa de Aquisição		
Size	Number	Revision
A4	01	V2.0
Date:	4/24/2021	Sheet of
File:	C:\Users\...\sensor_sch.SchDoc	Drawn By:

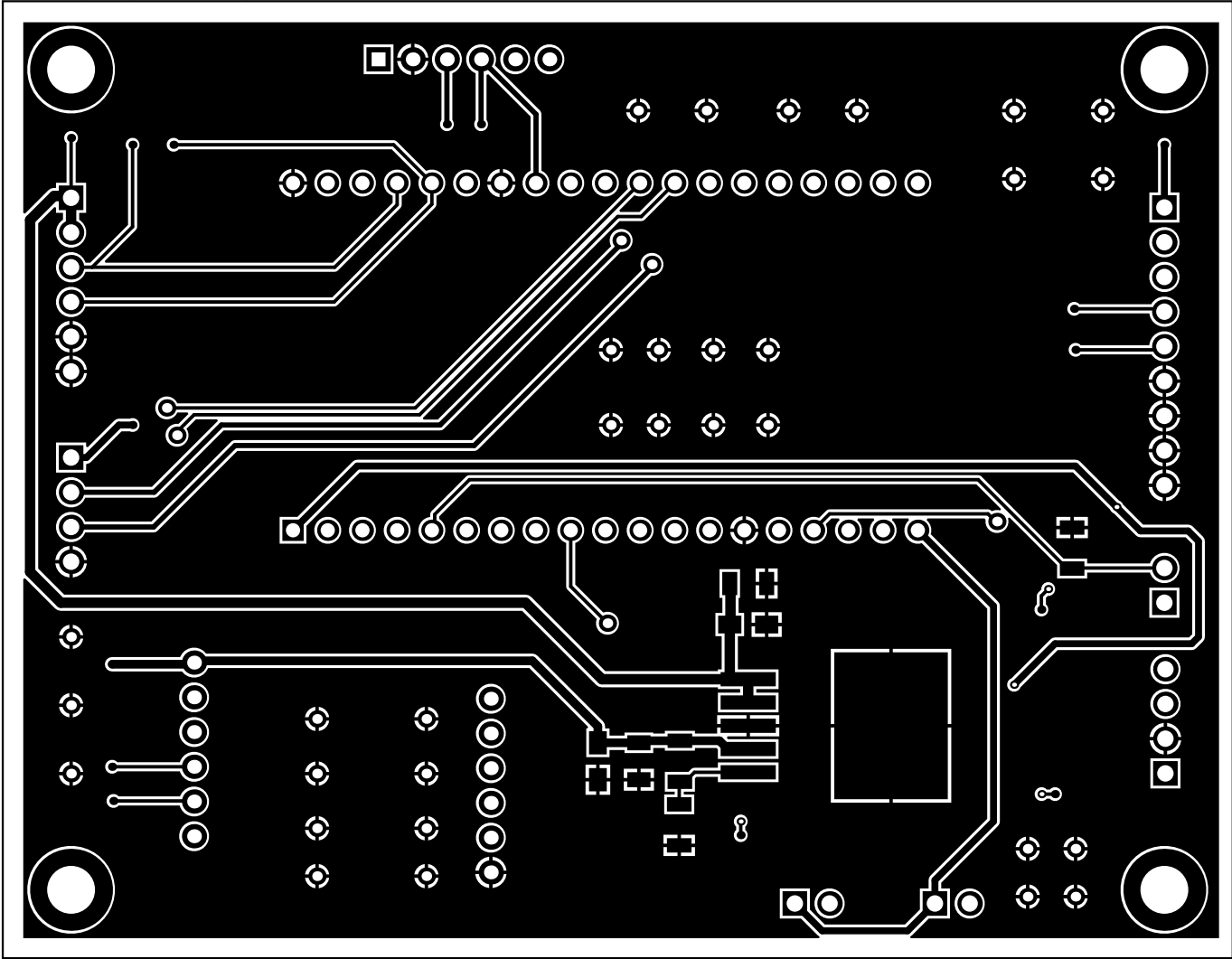
Reguladores de tensão



Title			Circuitos reguladores de tensão.
Size	Number	Revision	
A4	02	V2.0	
Date:	4/24/2021	Sheet of	
File:	C:\Users\...\voltage_regulators.SchDoc	Drawn By:	

Layer Stack Legend						
	Material	Layer	Thickness	Dielectric Material	Type	Gerber
		Top Overlay			Legend	GTO
	Surface Material	Top Solder	0.01mm	Solder Resist	Solder Mask	GTS
	Copper	Top Layer	0.04mm		Signal	GTL
			1.60mm	FR-4	Dielectric	
	Copper	Bottom Layer	0.04mm		Signal	GBL
	Surface Material	Bottom Solder	0.01mm	Solder Resist	Solder Mask	GBS
		Bottom Overlay			Legend	GBO
Total thickness: 1.70mm						

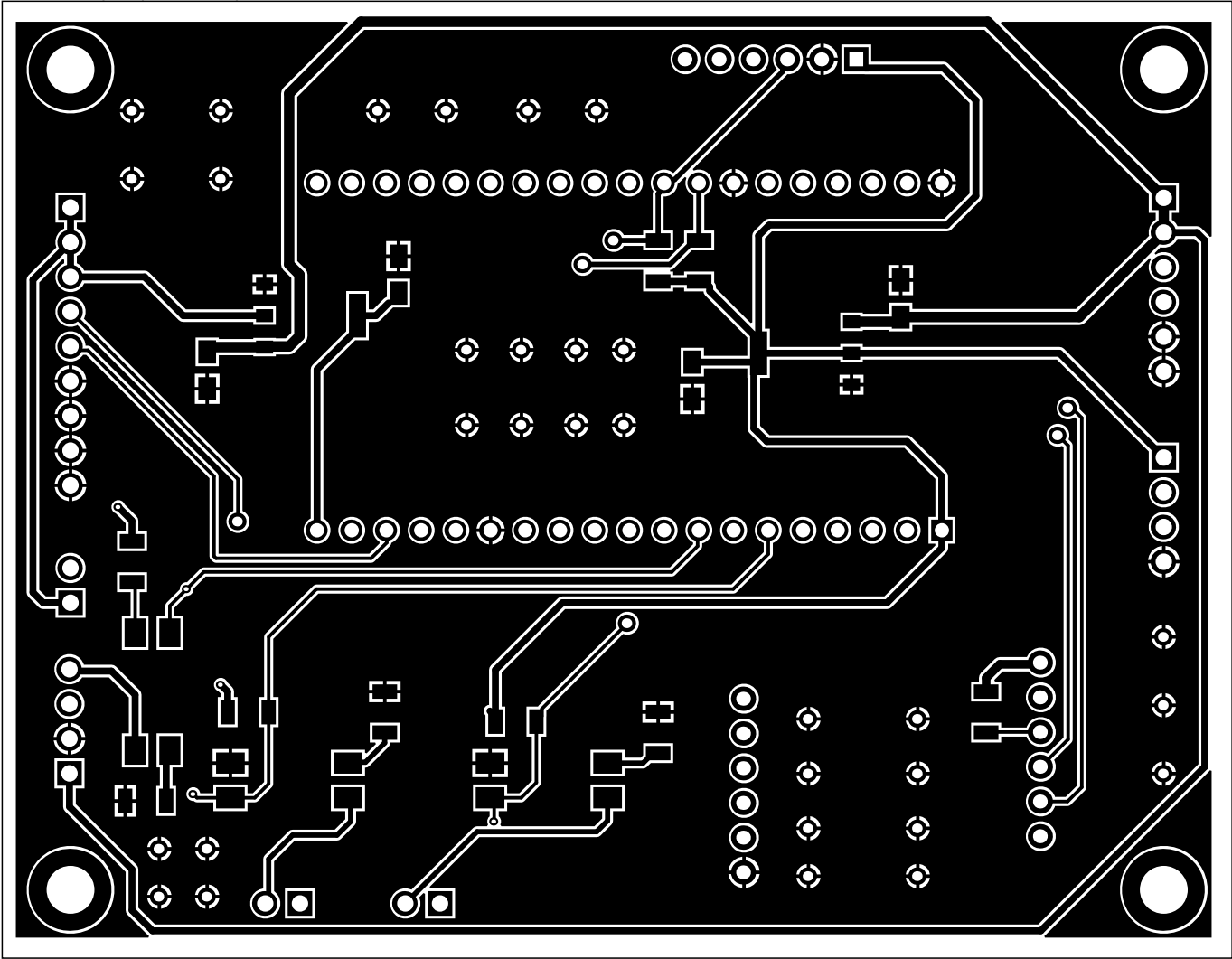
Top Layer (Scale: 2:1)



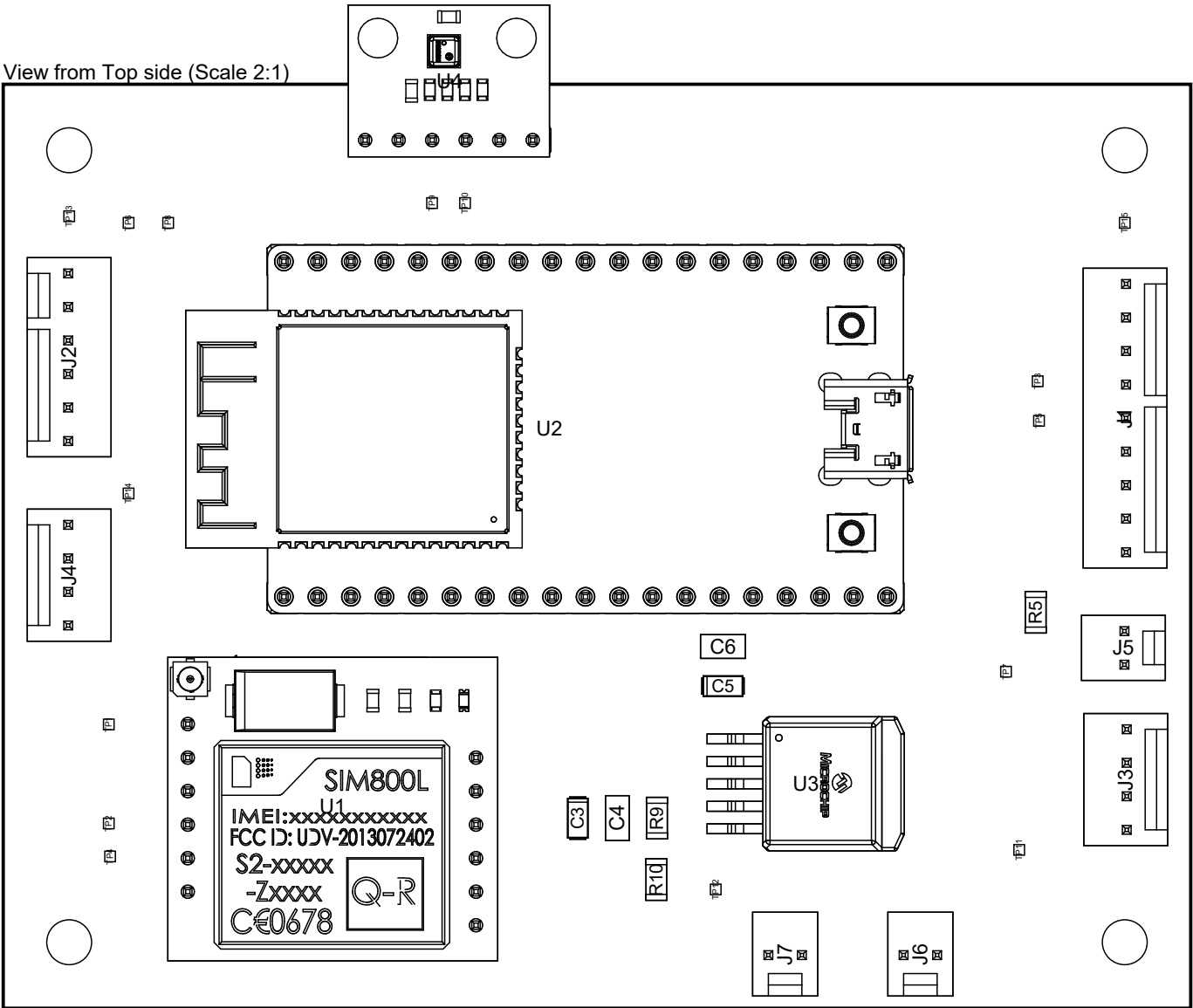
70mm

90mm

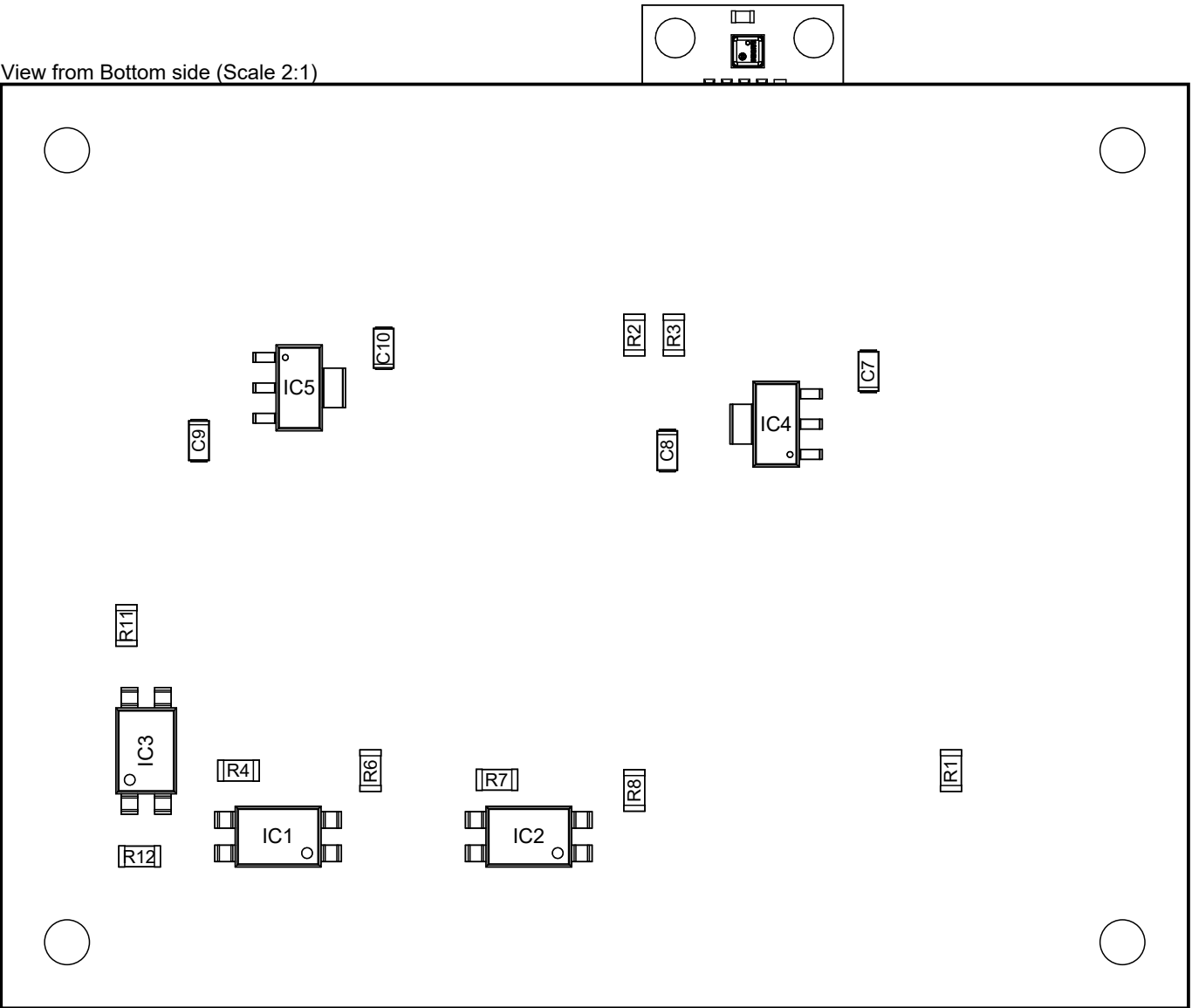
Bottom Layer (Scale 2:1)



View from Top side (Scale 2:1)



View from Bottom side (Scale 2:1)



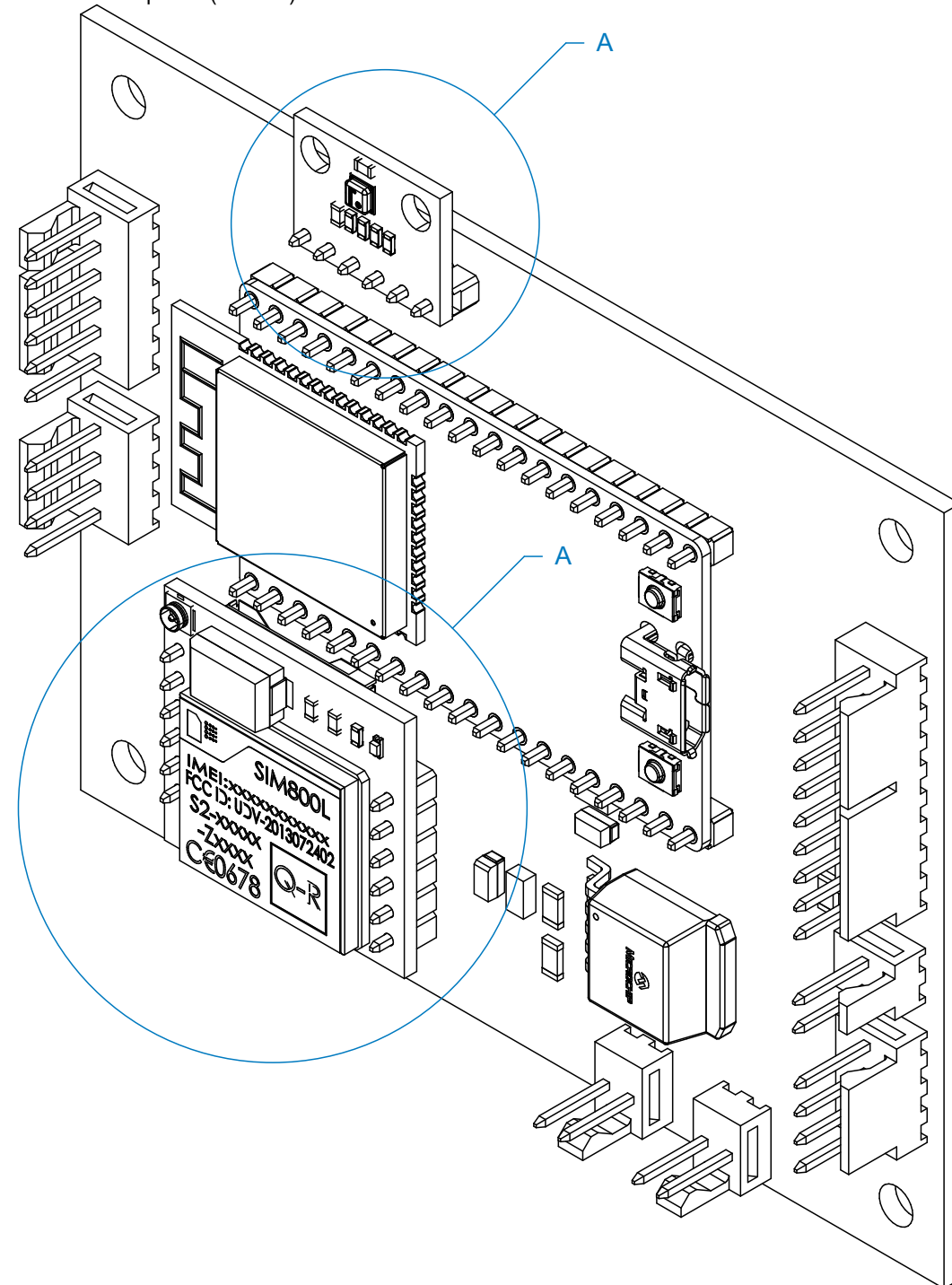
A

B

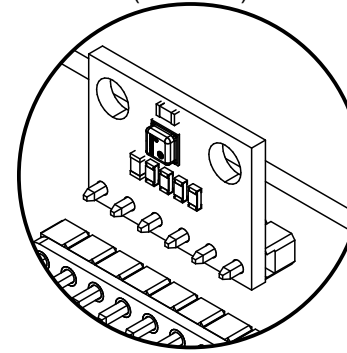
C

D

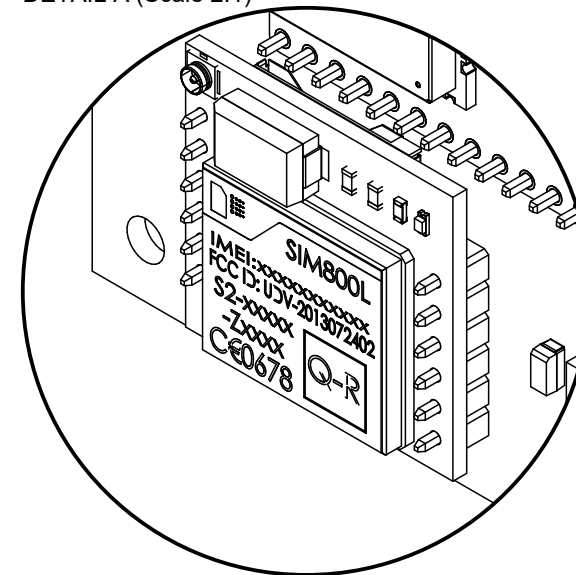
View from Top side (Scale 2)



DETAIL A (Scale 2:1)

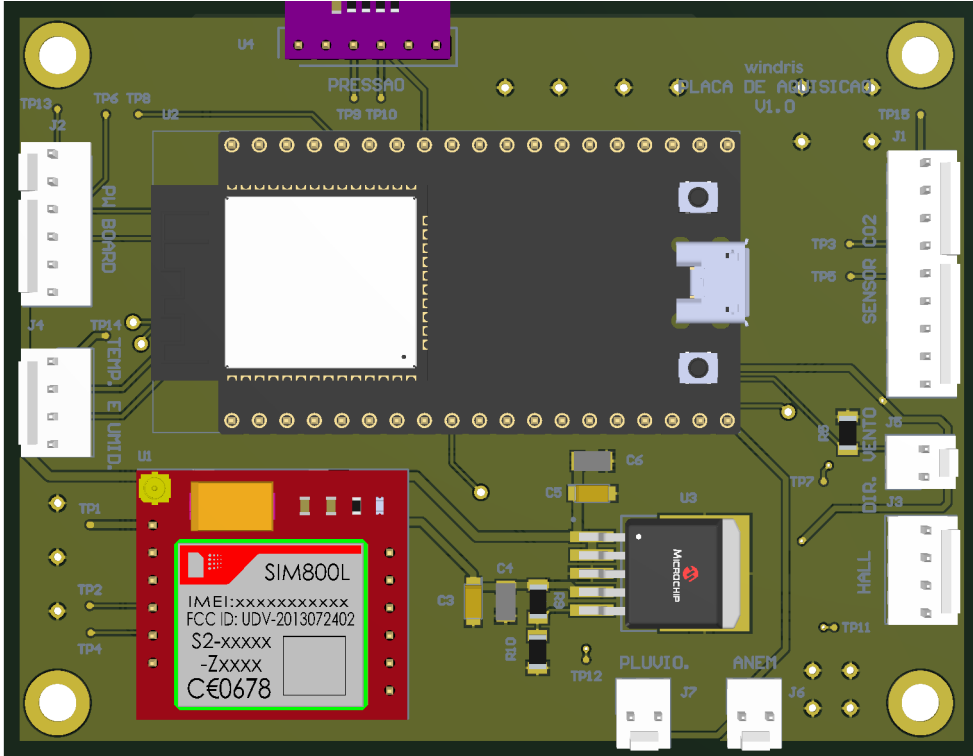


DETAIL A (Scale 2:1)

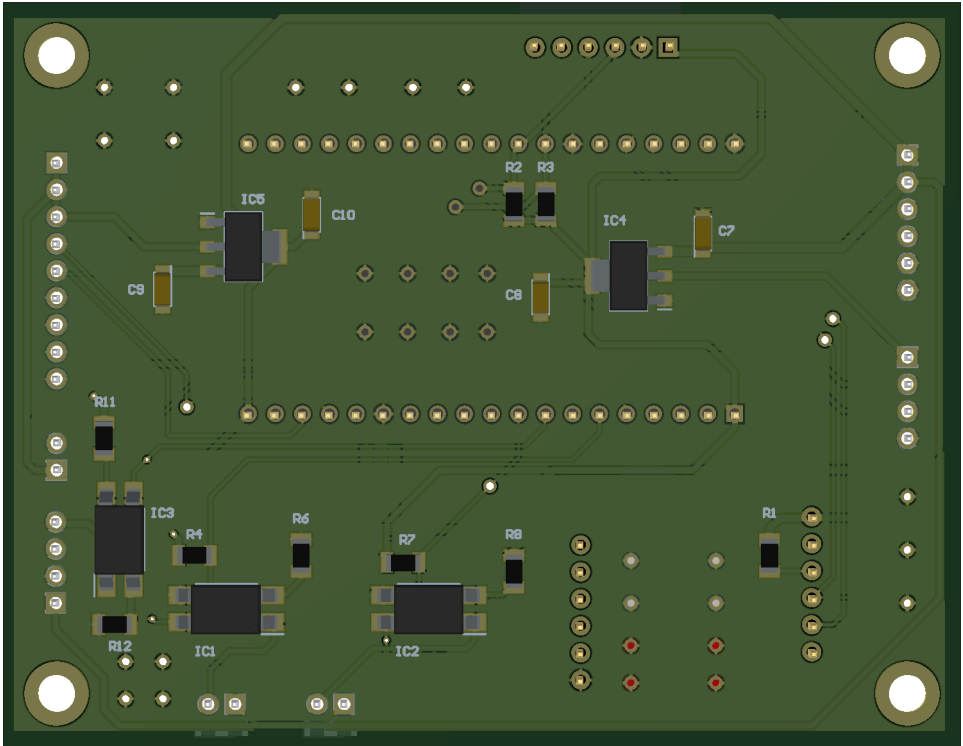


1

Realistic View



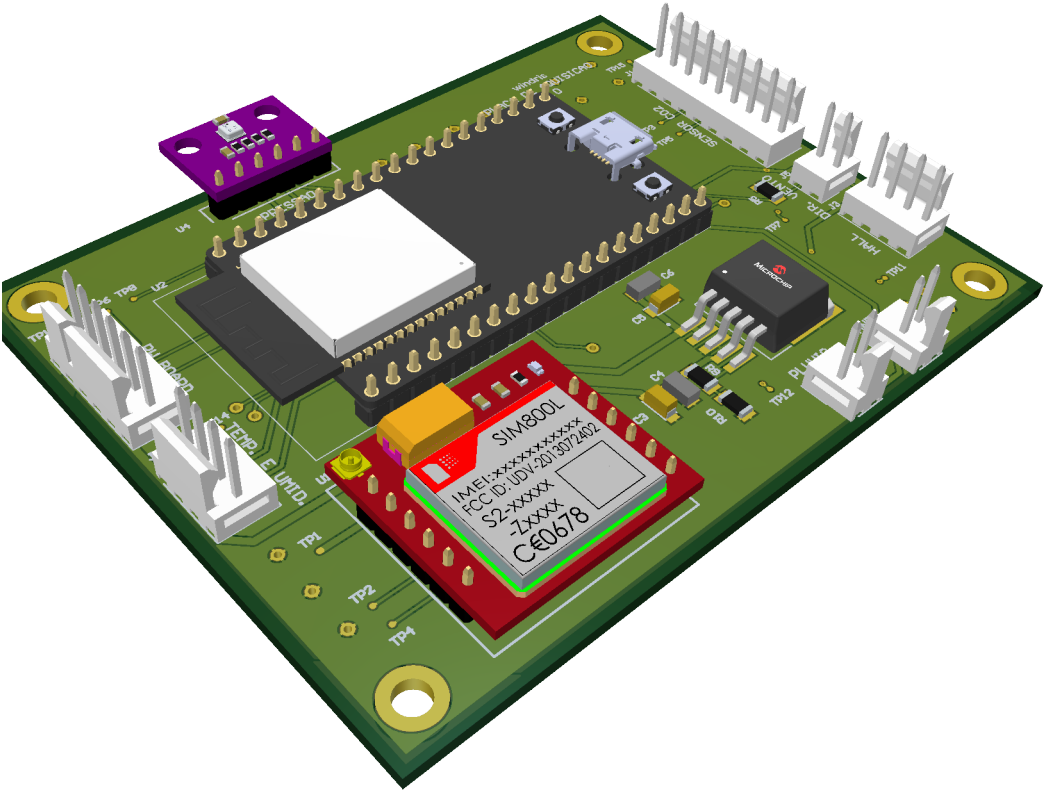
Realistic View



1

2

Realistic View



2