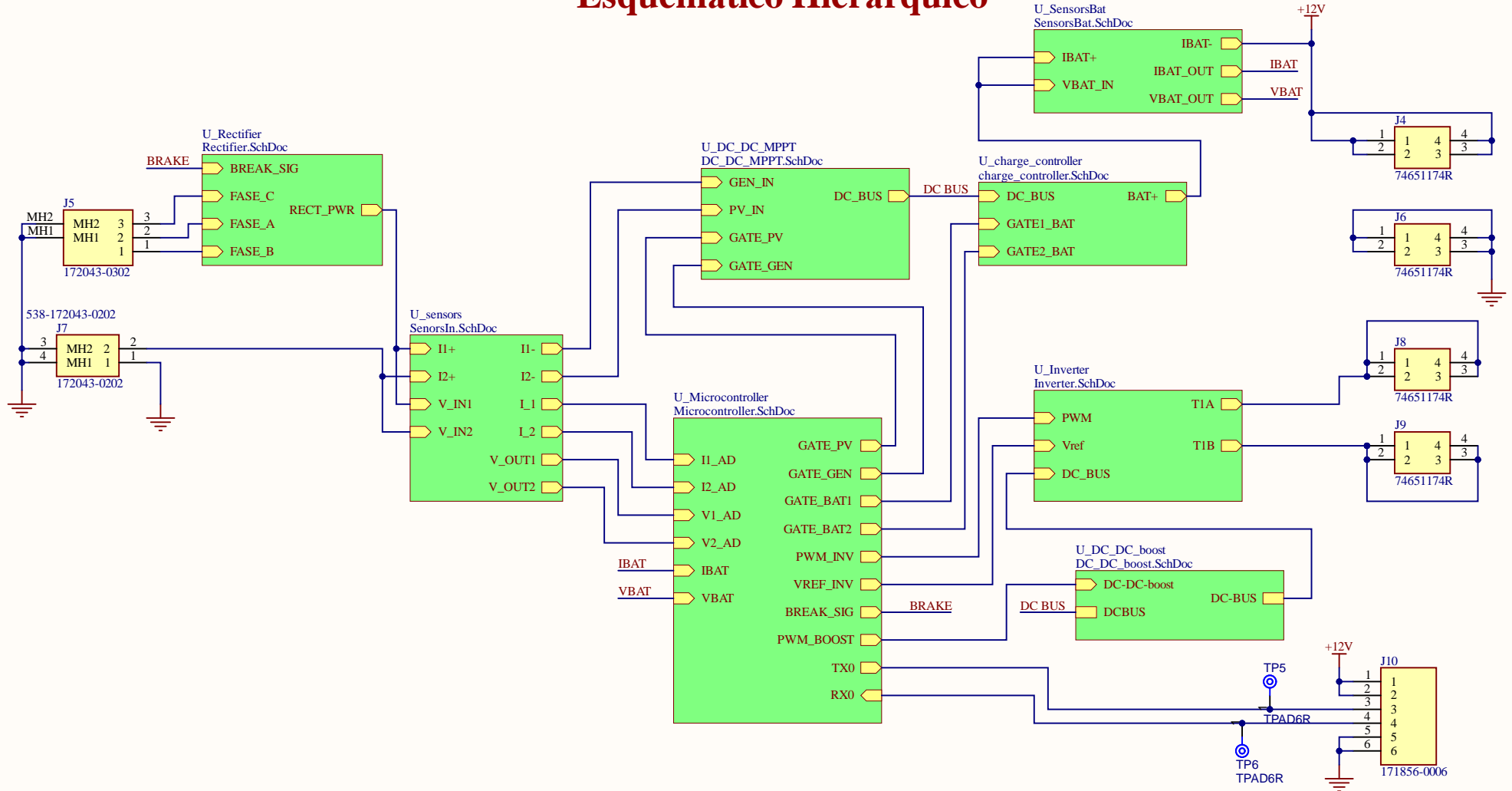
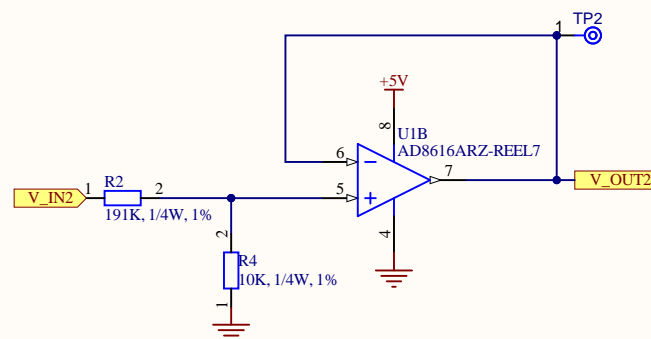
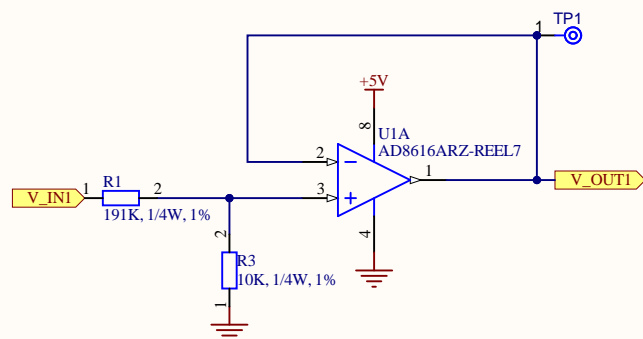


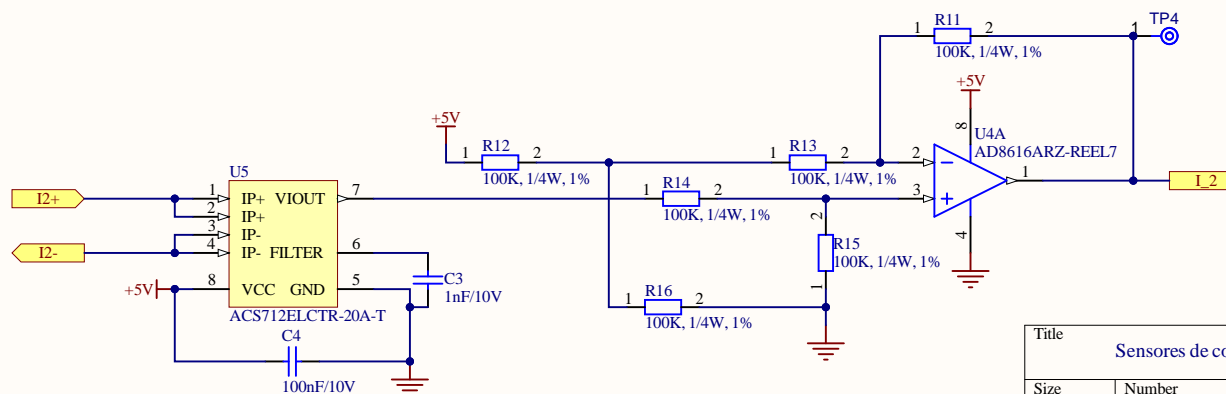
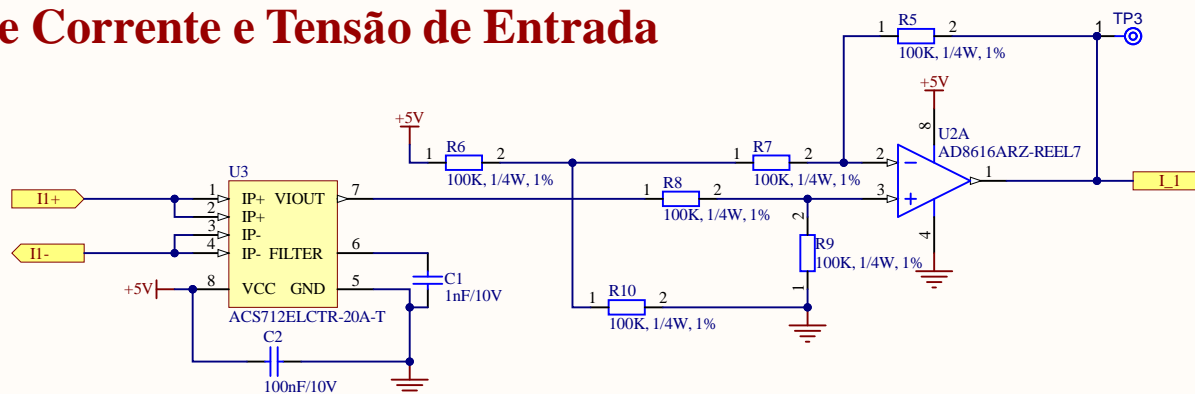
Esquemático Hierárquico



Title		
Esquemático principal da placa de potência.		
Size	Number	Revision
A4		V1.2
Date:	4/24/2021	Sheet of
File:	C:\Users\...\Main_sch.SchDoc	Drawn By:

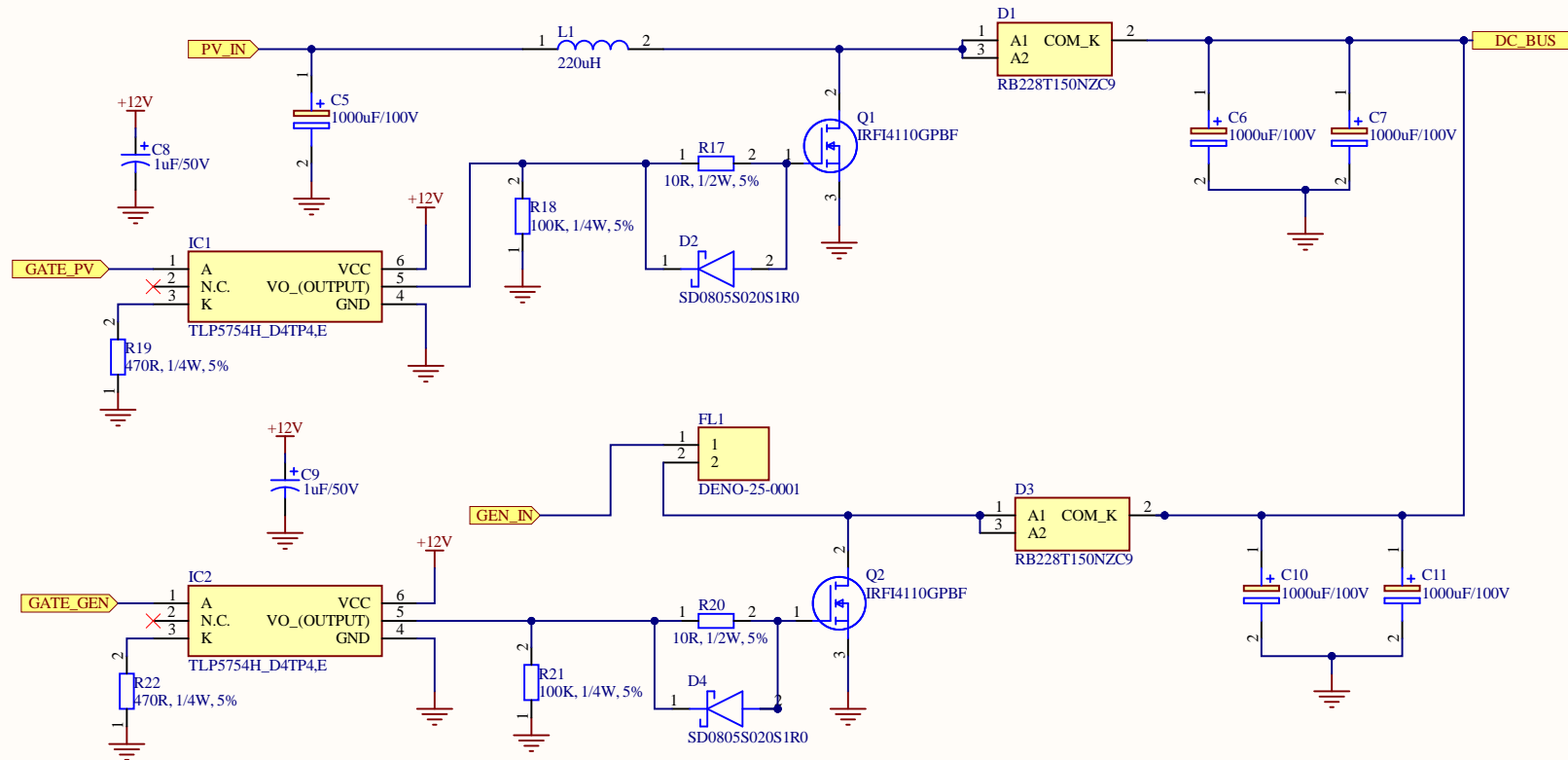


Sensores de Corrente e Tensão de Entrada



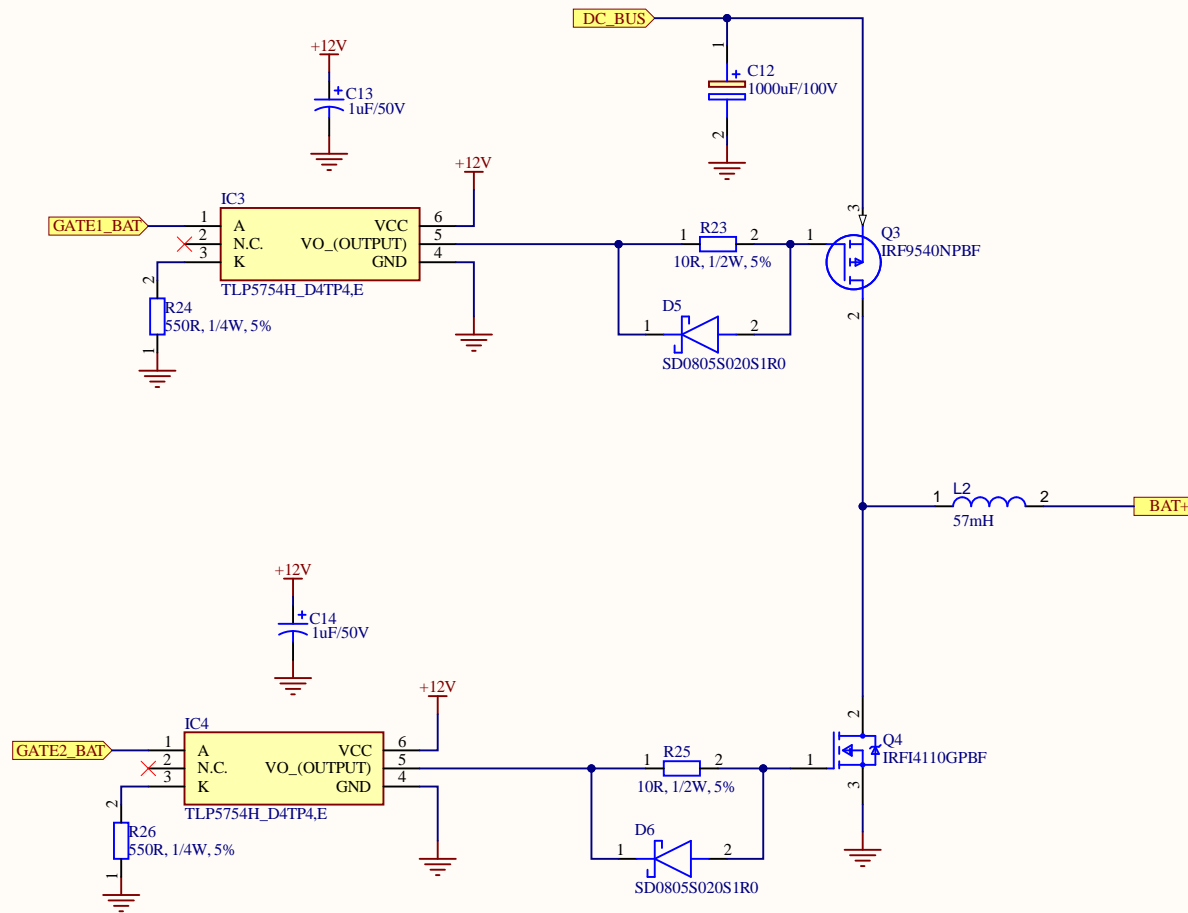
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Size	Number	Revision
A4		V1.2
Date:	4/24/2021	Sheet of
File:	C:\Users\...\SenorsIn.SchDoc	Drawn By:

Conversores DC-DC para o MPPT



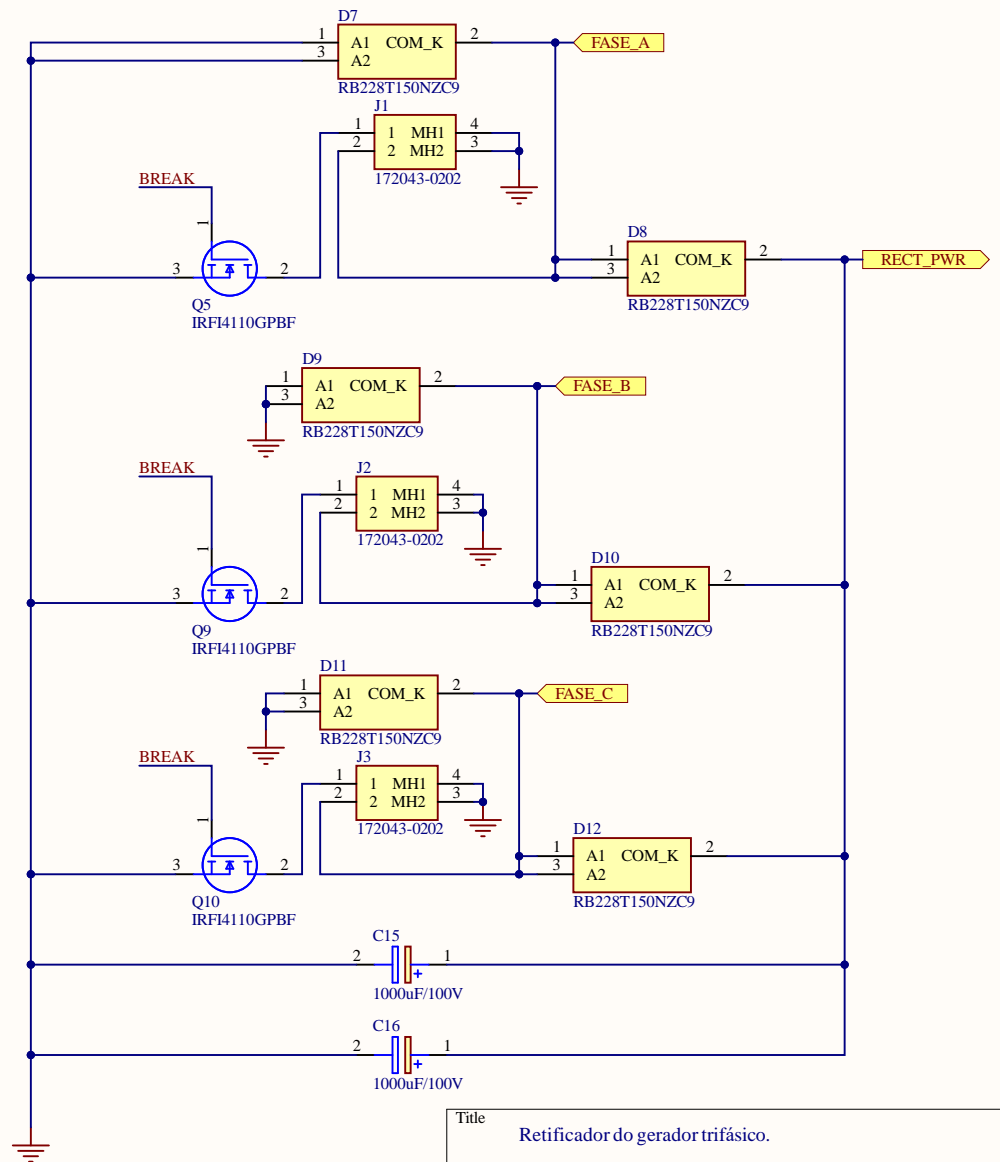
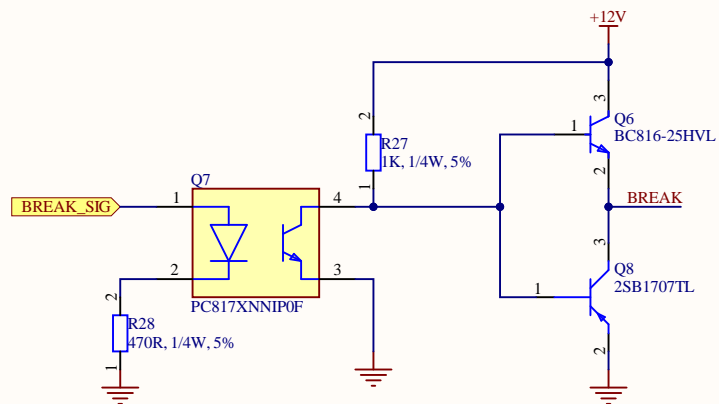
Title		
DC-DC boost para placa fotovoltaica e para o gerador eolico.		
Size	Number	Revision
A4		V1.2
Date:	4/24/2021	Sheet of
File:	C:\Users\...\DC_DC_MPPT.SchDoc	Drawn By:

Controlador de Carga Bidireccional



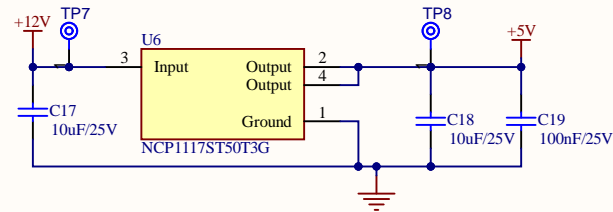
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Controlador de cargas.		
Size	Number	Revision
A4		V1.2
Date:	4/24/2021	Sheet of
File:	C:\Users\...\charge_controller.SchDoc	Drawn By:

Retificador

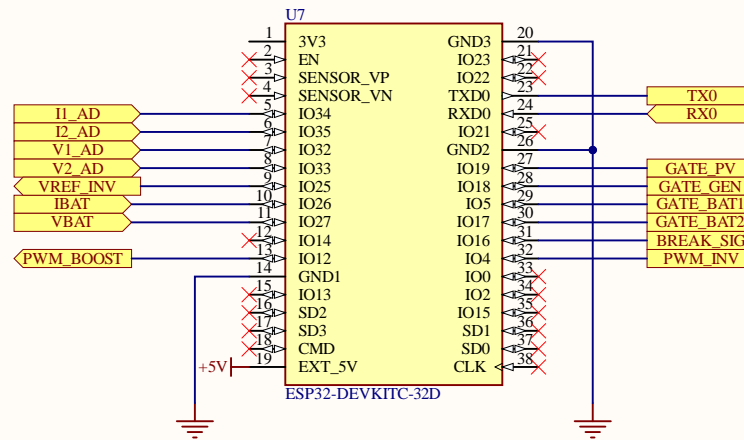


Title			Retificador do gerador trifásico.
Size	Number	Revision	
A4		V1.2	
Date:	4/24/2021	Sheet of	
File:	C:\Users\...\Rectifier.SchDoc	Drawn By:	

Regulador de tensão

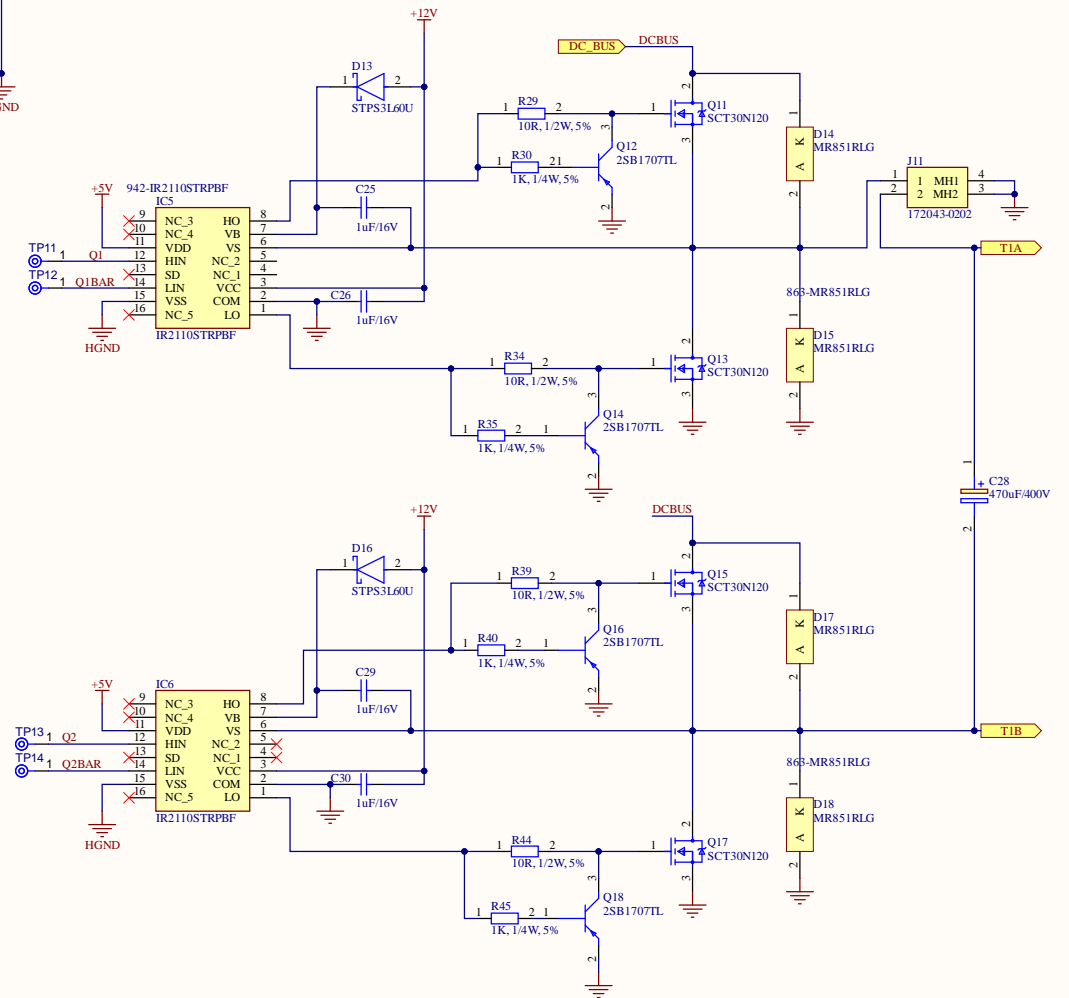
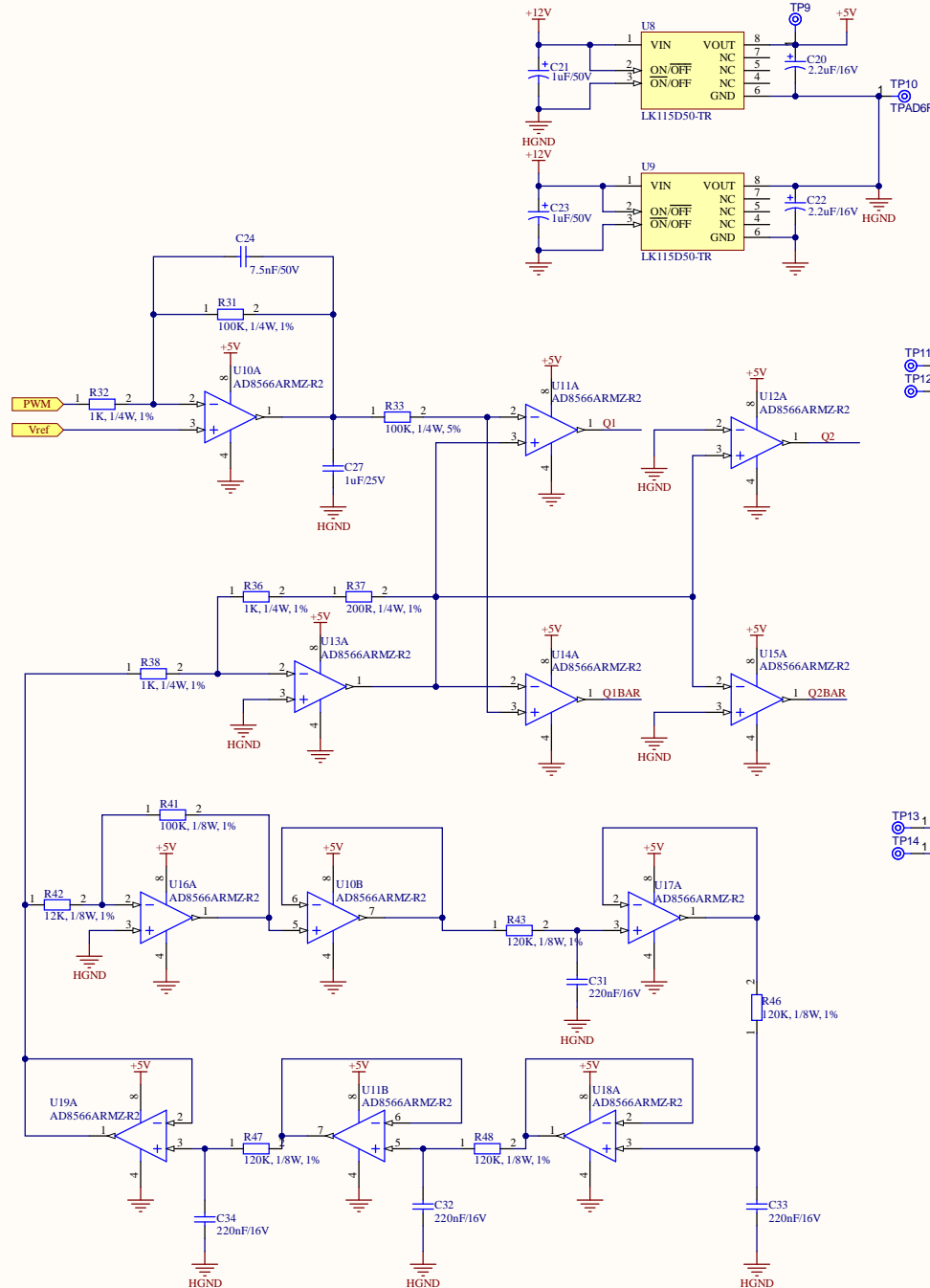


Microcontrolador



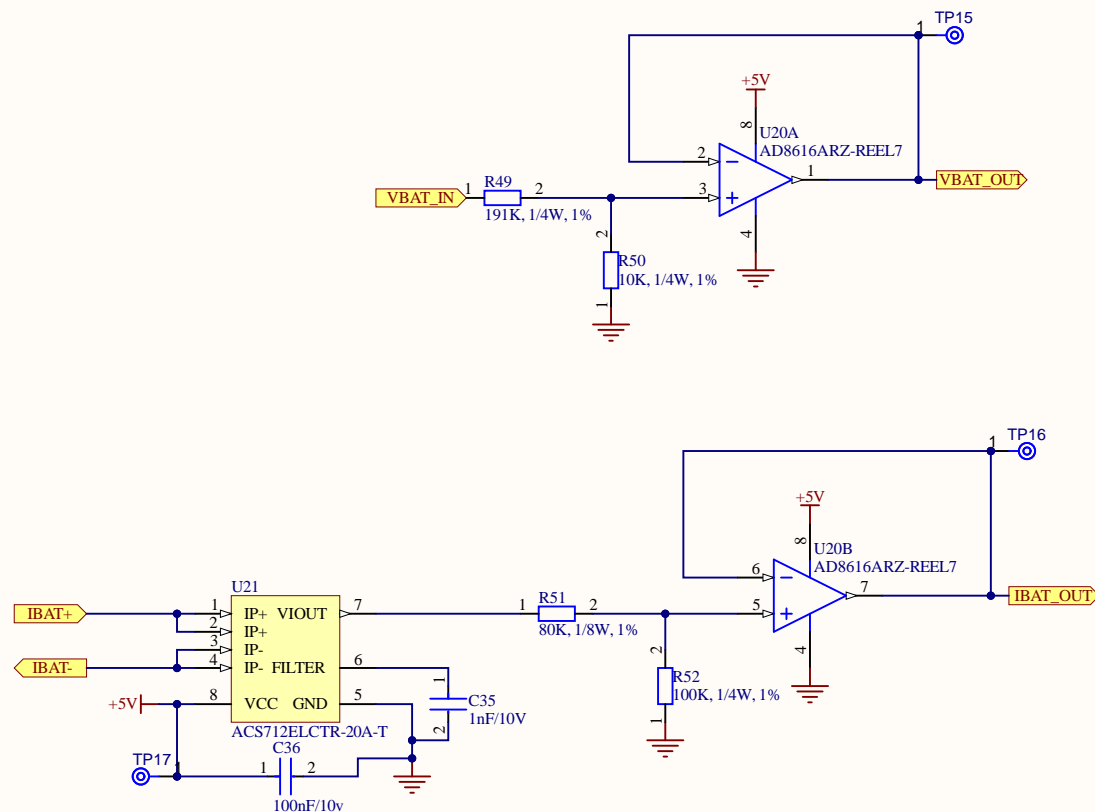
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Size A4	Number	Revision V1.2	
Date: 4/24/2021	Sheet of		
File: C:\Users\...\Microcontroller.SchDoc	Drawn By:		

Inversor de ponte completa



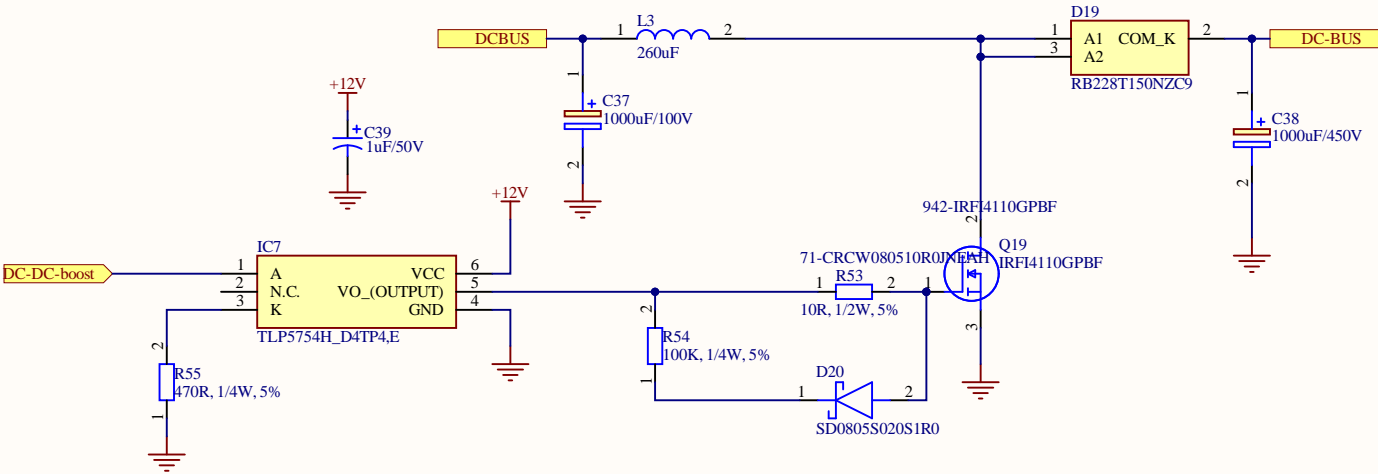
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Circuito Inversor.		
Size	Number	Revision
A3		V1.2
Date	4/24/2021	Sheet of
File:	C:\Users\..._Inverter.SchDoc	Drawn By:

Sensor de corrente e tensão para a bateria














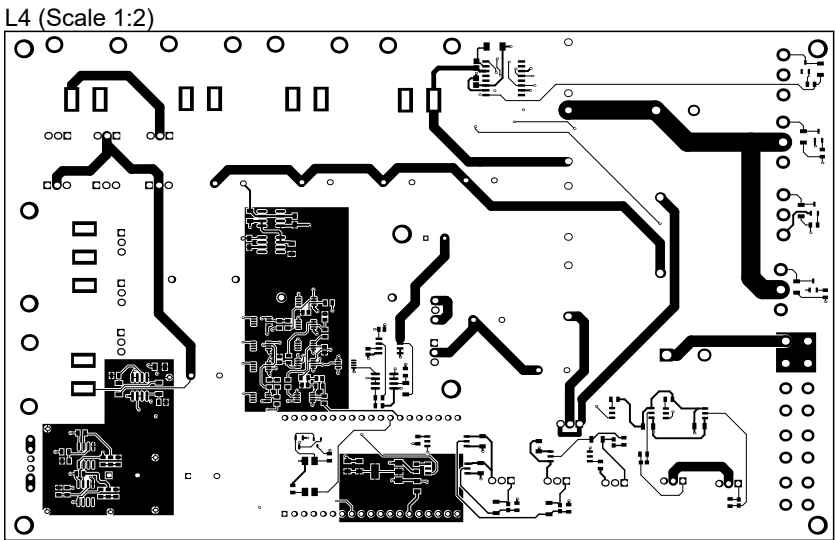
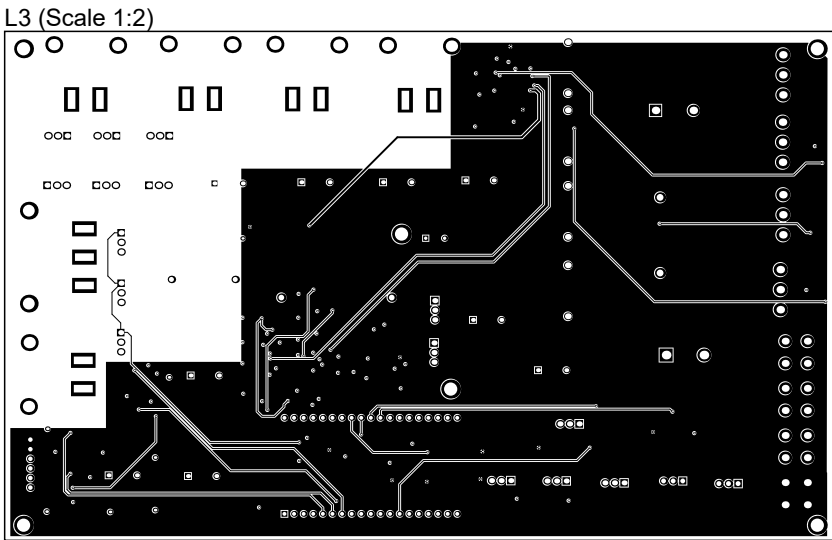
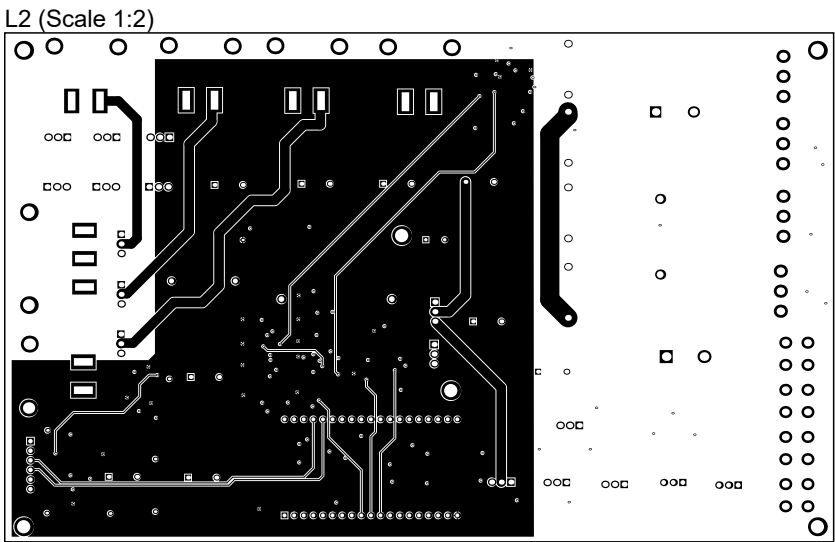
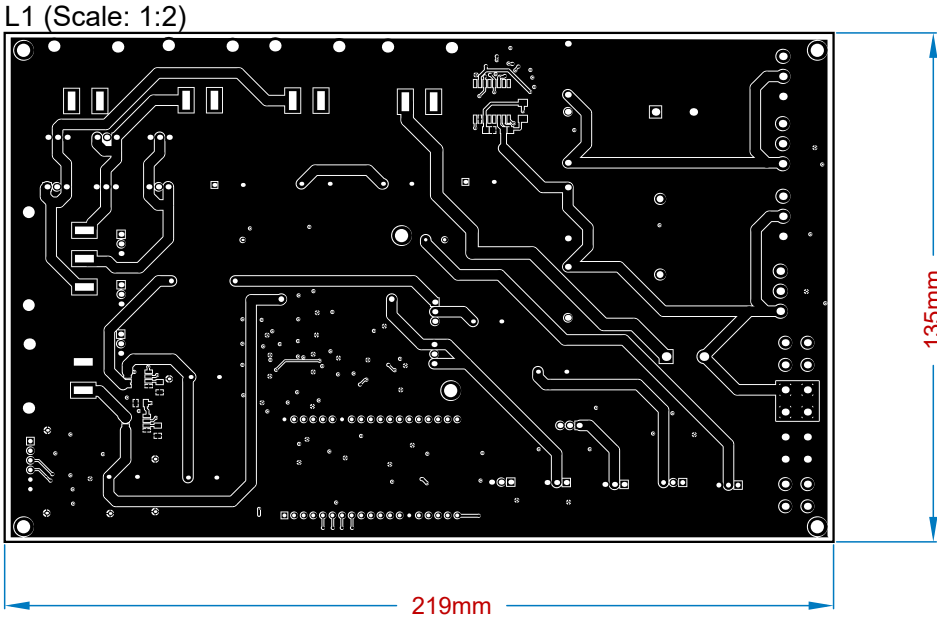
Title Sensores de tensão e corrente da bateria.		
Size A4	Number	Revision V1.2
Date: 4/24/2021	Sheet of	
File: C:\Users\...\SensorsBat.SchDoc	Drawn By:	

Conversor DC-DC Boost



Title		
Conversor DC-DC Boost para regulação da linha DC		
Size	Number	Revision
A4		V1.0
Date:	4/24/2021	Sheet of
File:	C:\Users\...\DC_DC_boost.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
	CF-004	L1	0.14mm		Signal	GTL
	Prepreg		0.07mm	PP-006	Dielectric	
	CF-004	L2	0.14mm		Signal	G1
			1.60mm	FR-4	Dielectric	
	CF-004	L3	0.14mm		Signal	G2
	Prepreg		0.07mm	PP-006	Dielectric	
	CF-004	L4	0.14mm		Signal	GBL
	Surface Material	Bottom Solder	0.01mm	Solder Resist	Solder Mask	GBS
		Bottom Overlay			Legend	GBO
Total thickness: 2.32mm						



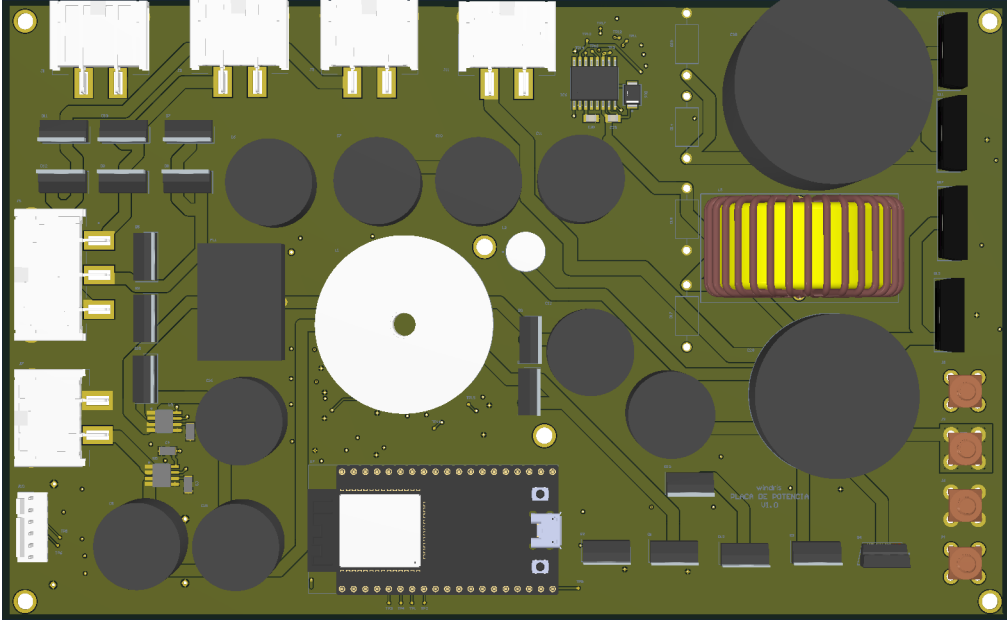
A

B

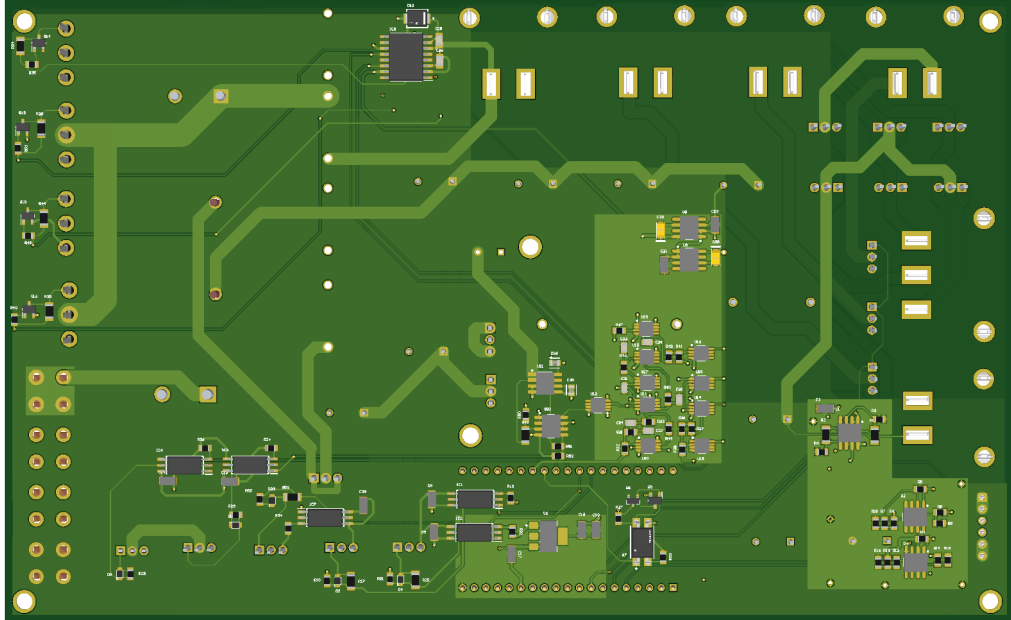
C

D

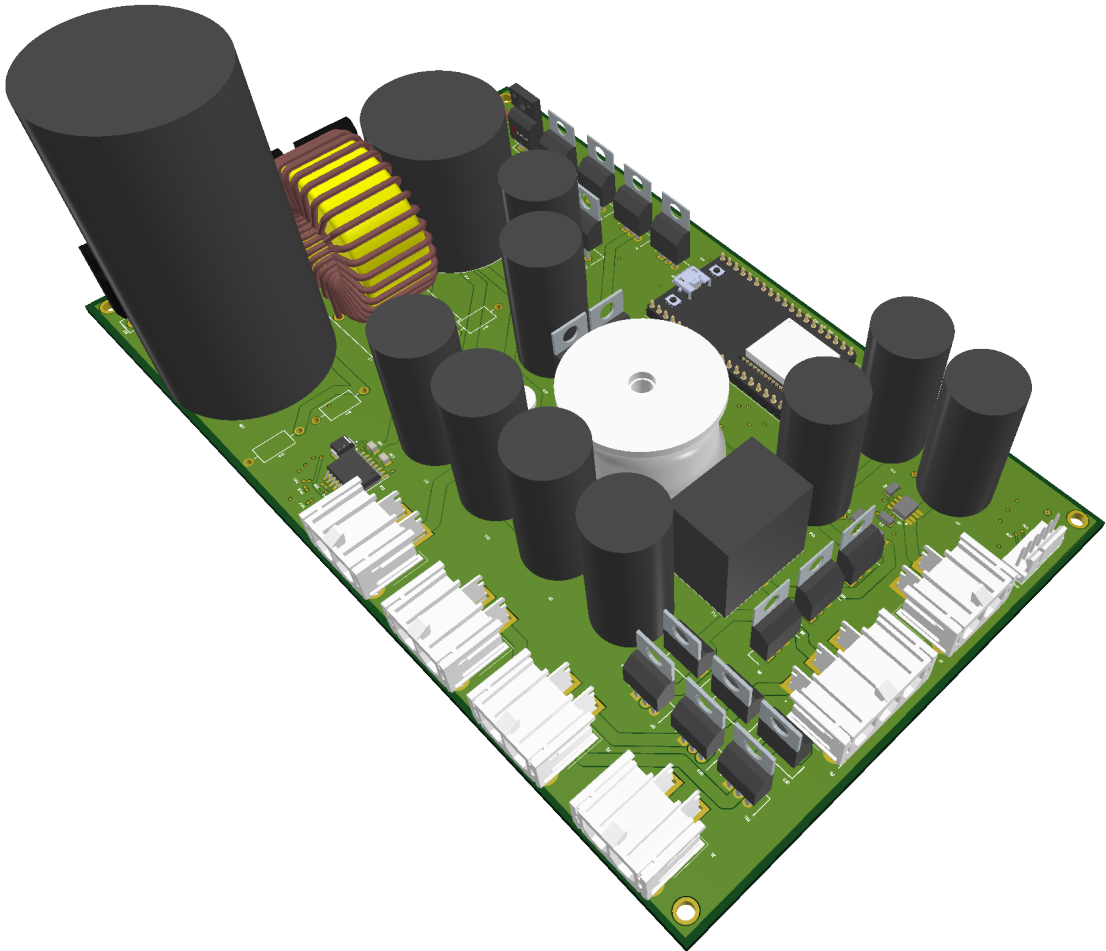
Realistic Top View



Realistic Bottom View



Realistic Isometric View



A

B

C

D