

Conferir lógica

Sensor de temperatura (i2c)

Alimentação para cooler (PWM?)

Melhorar apresentação / Deixar diagramas mais "didáticos"

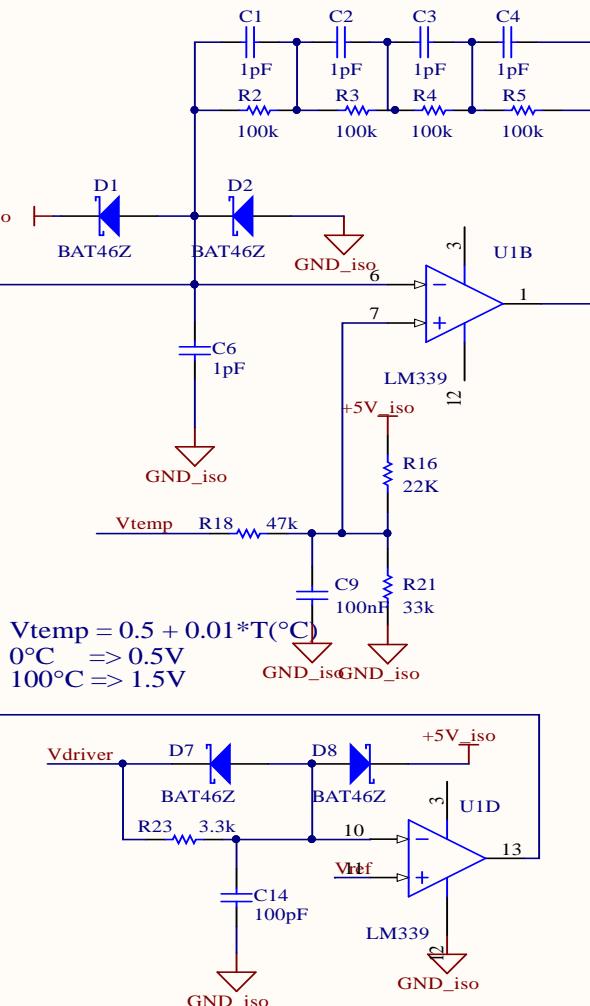
(colocar descrições, instruções de ajuste, nomes, organização dos blocos etc)

Definir conectores e fixações (projeto mecânico)

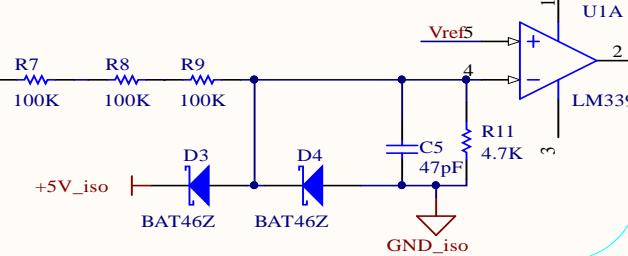
Definir dissipador / cooler (projeto térmico)

Title:	OnePhase.PjPcb	UNICAMP / LCEE
Author:	Fellipe	University of Campinas - Brazil
Revisor:	Hildo Guillard Júnior	Power Conditioning Laboratory
Revision:	Sheet# of *	Licensed by GNU GPL 3.0
	*	
File:	OnePhaseMain.SchDoc	Size: A4

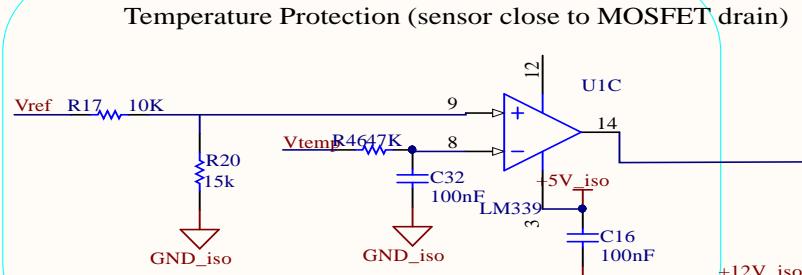
1 Current Protection (using Vds voltage drop)



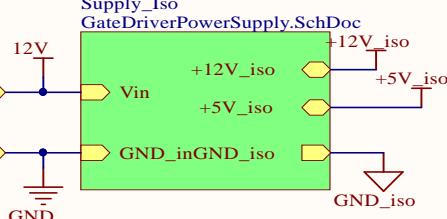
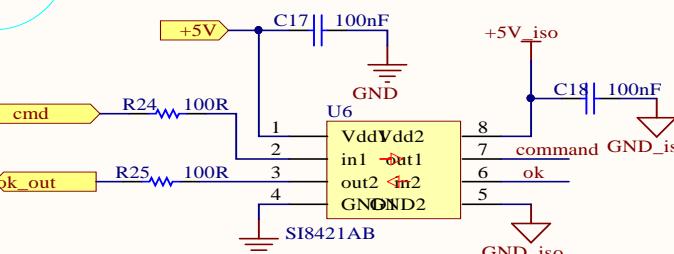
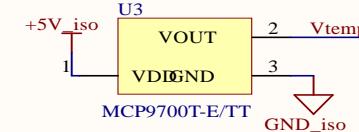
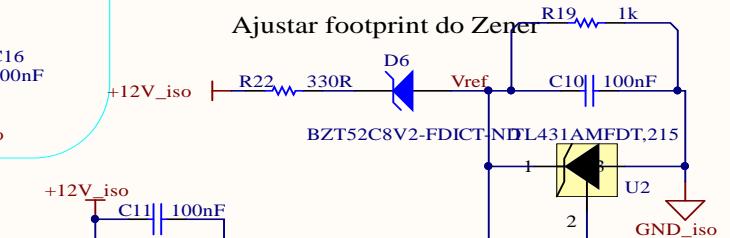
2 Overvoltage Protection



3 Fault signal



1 = OK
0 = Fail



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Author	Felipe
Revisor	Hildo Guillardi Júnior
Revision:	Sheet * of *

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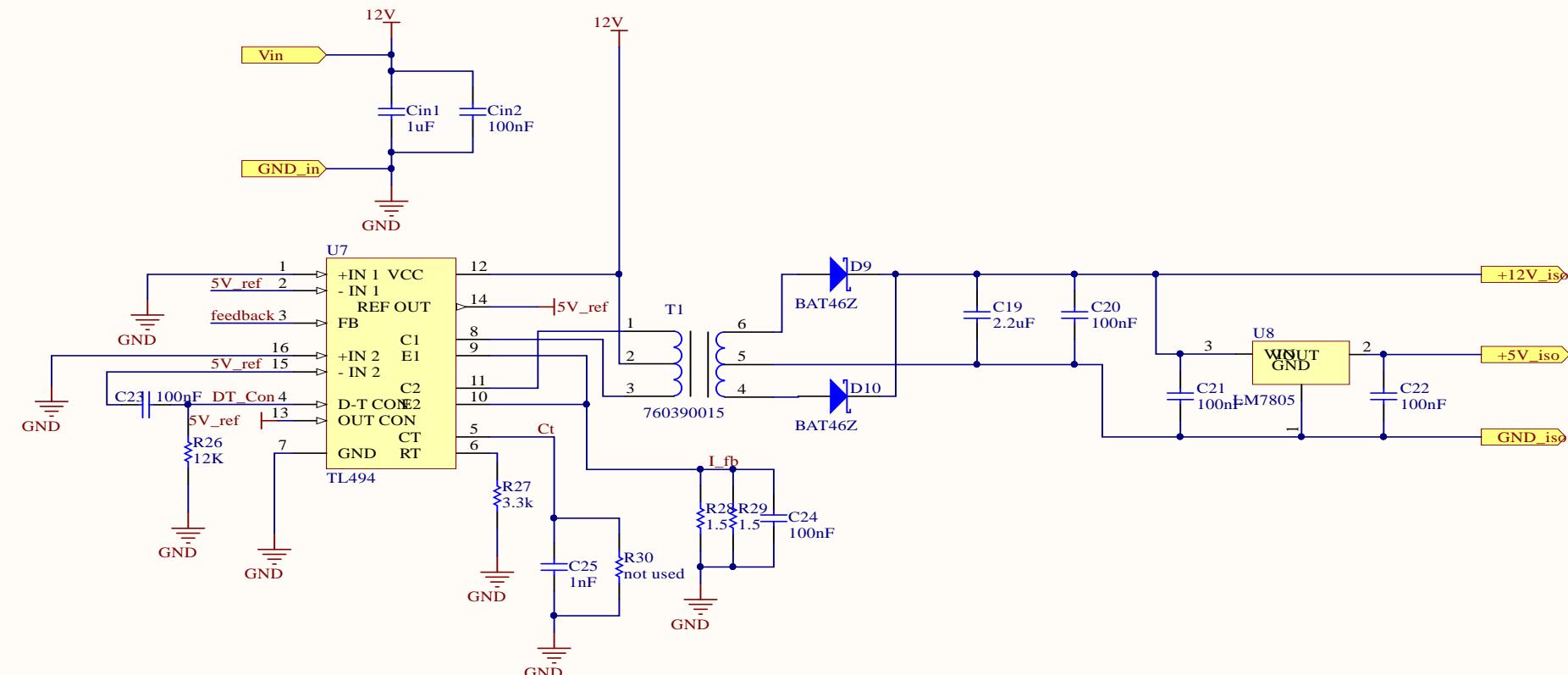
* File: DriverAndProtection.SchD Size: A4

1

2

3

4



A

A

B

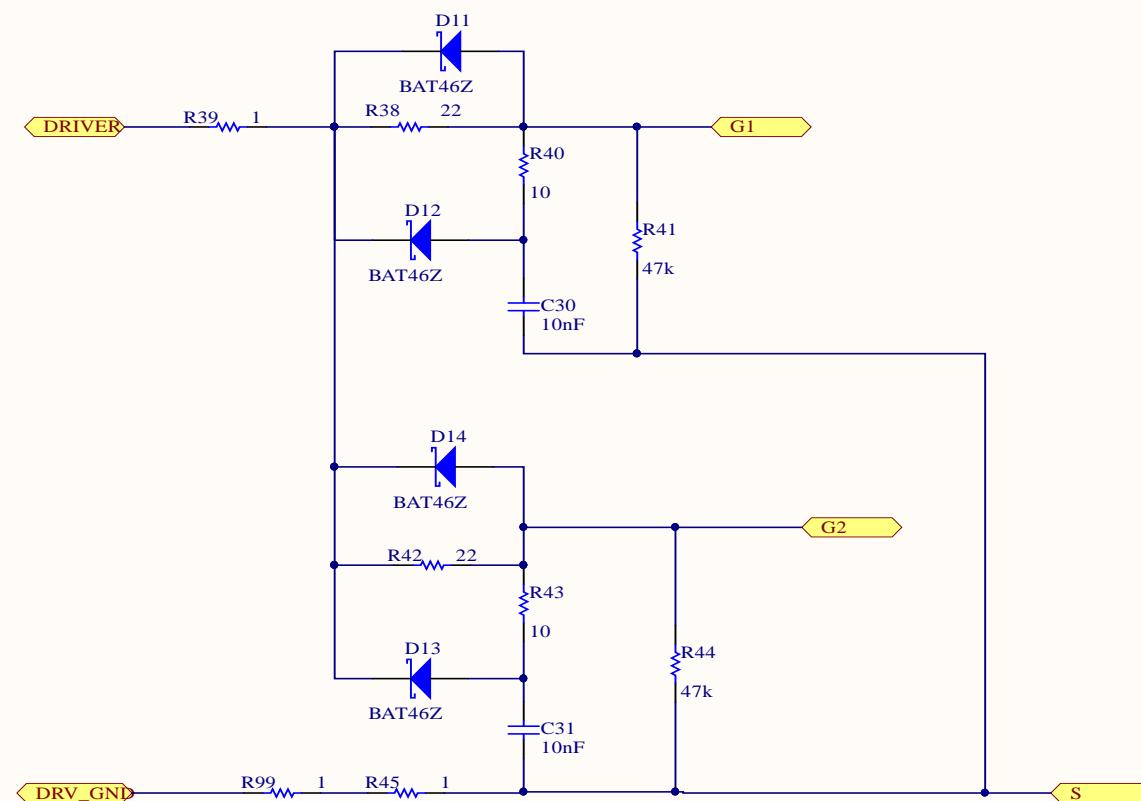
B

C

C

D

D



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Author	Hildo Guillard Júnior
Reviso*	*
Revision*	Sheet* of *

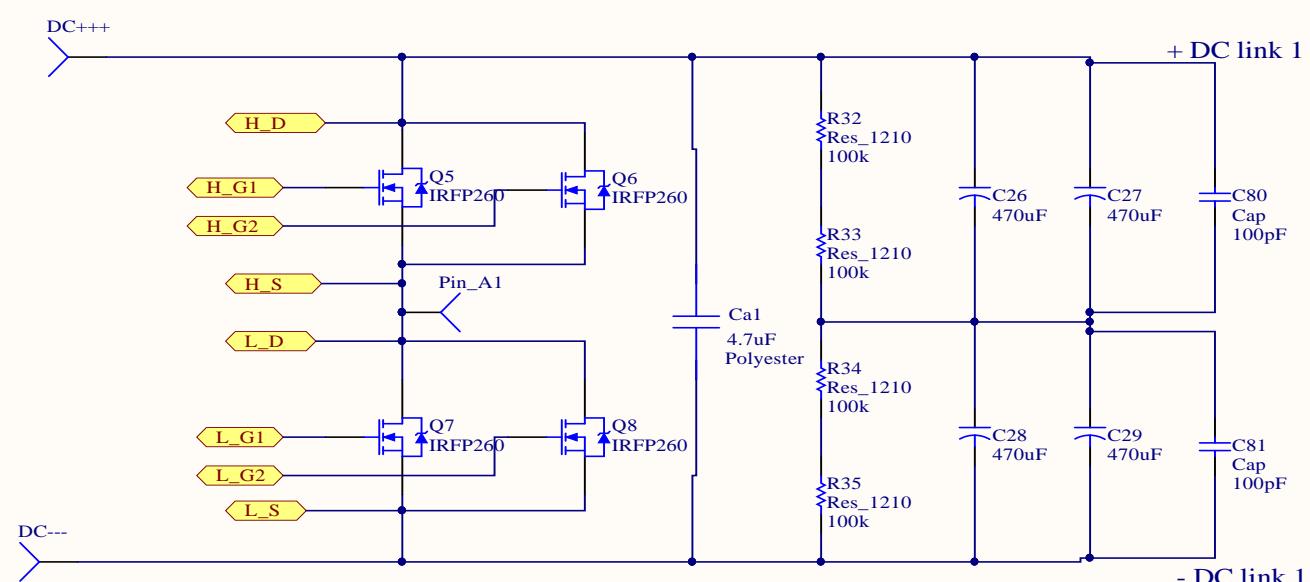
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File: GateCircuit.SchDoc

Size: A4

1 2 3 4

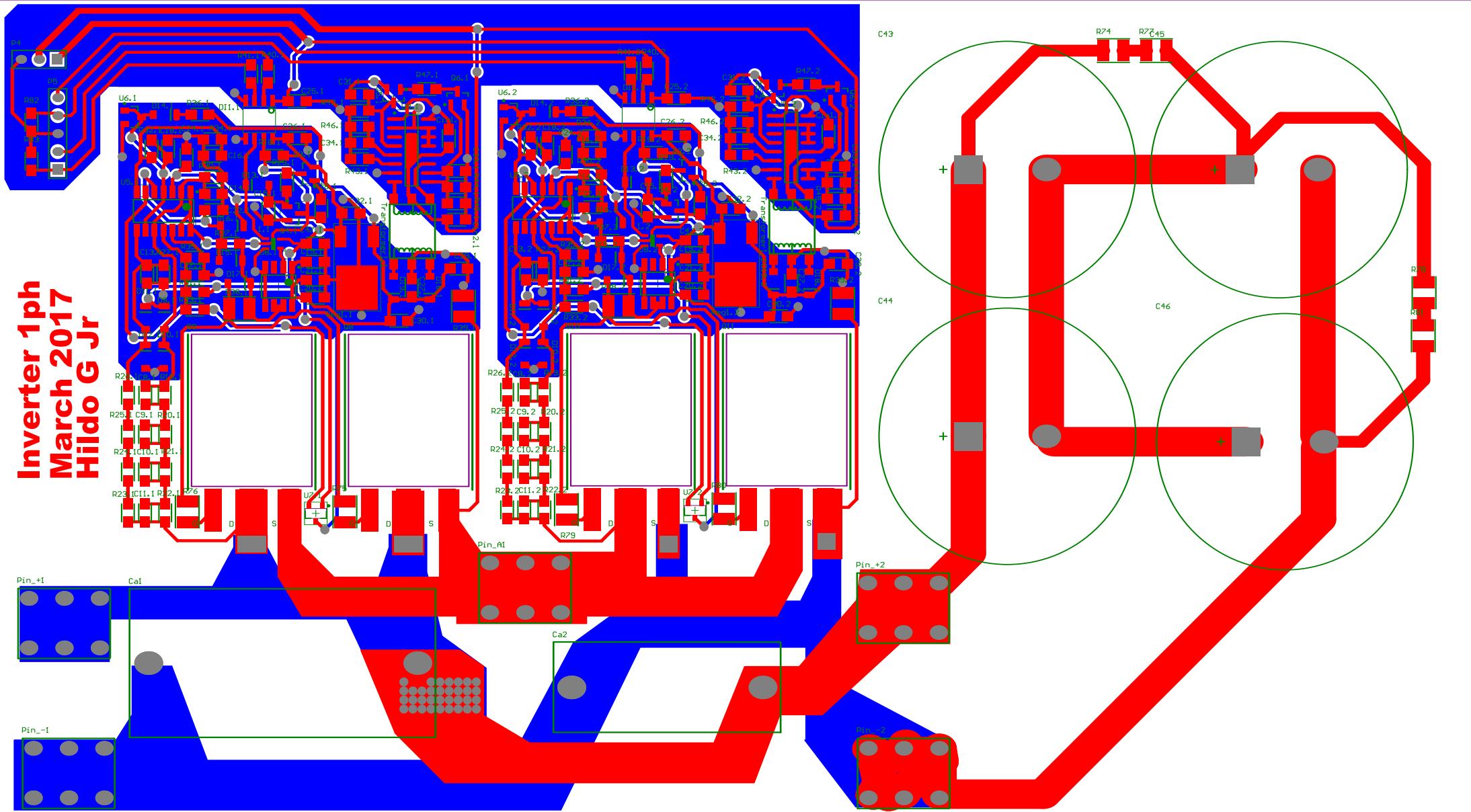


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Author:	Hildo Guillardi Júnior	University of Campinas - Brazil
Revisor:	Arthur	Power Conditioning Laboratory
Revision:	Sheet * of *	Licensed by GNU GPL 3.0
		*
		File: OnePhase_MainPower.Sch
		Size: A4

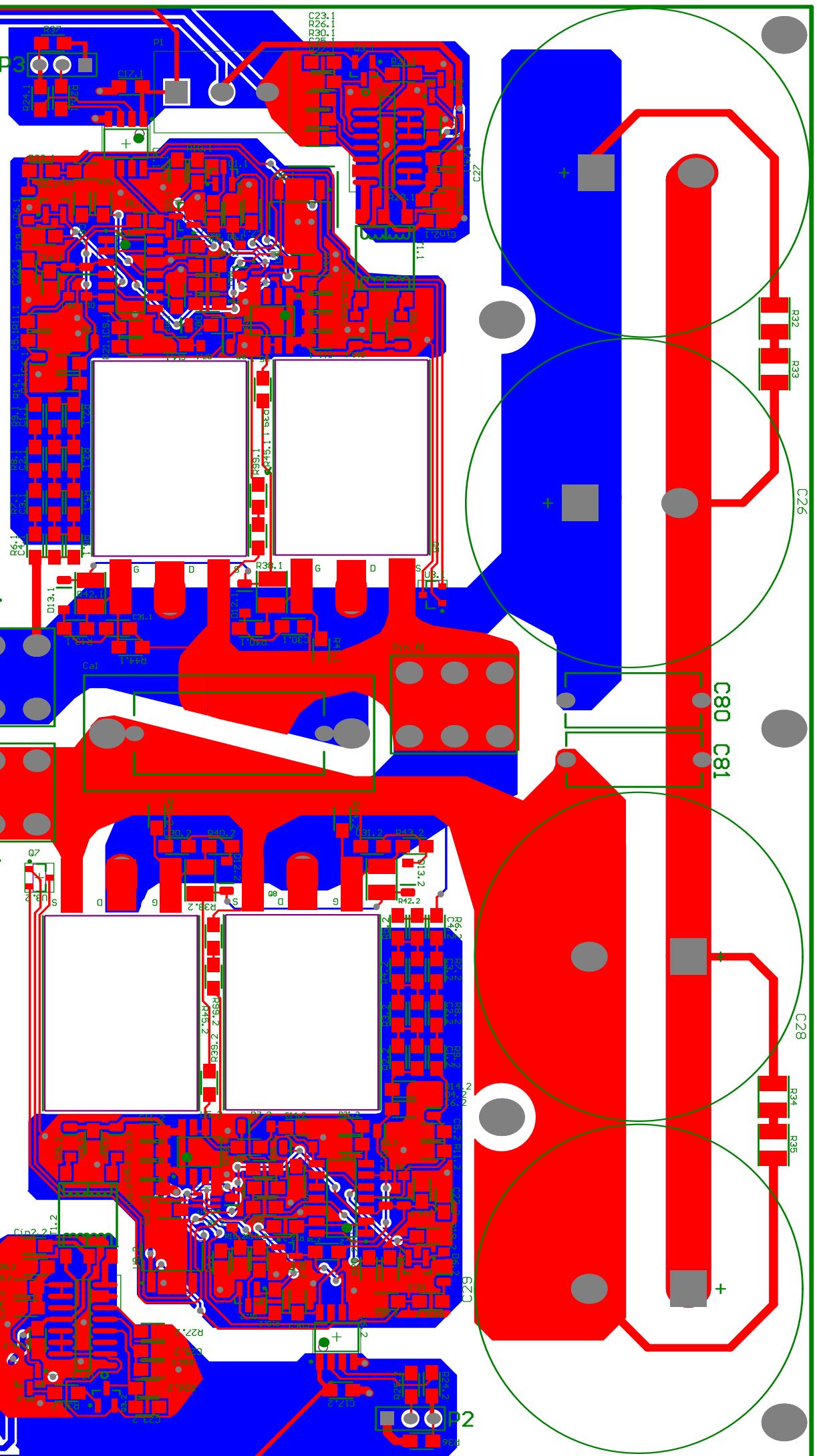
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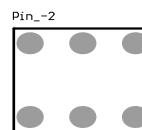
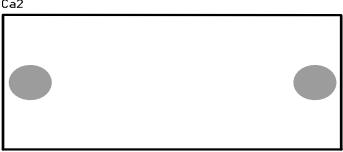
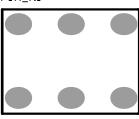
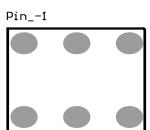
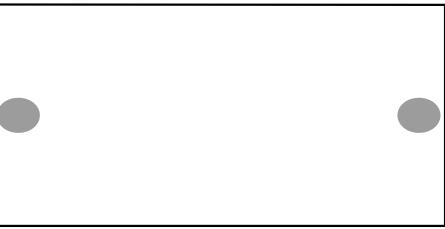
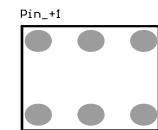
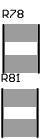
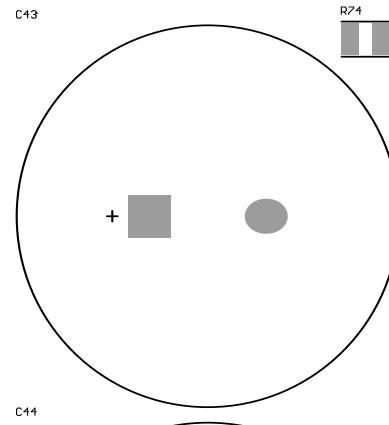
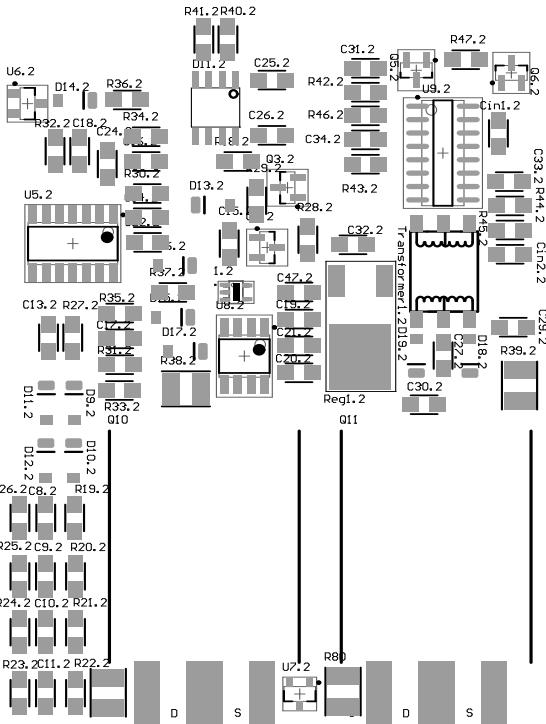
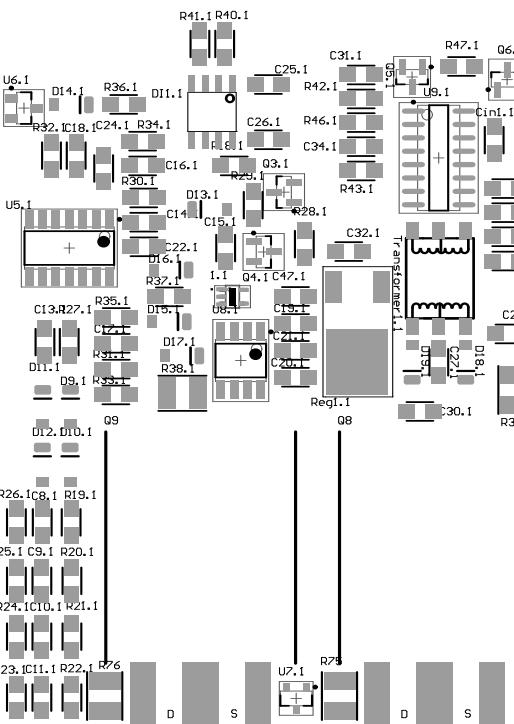
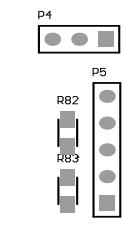
**Inverter 1 ph
March 2017
Hildo G Jr**

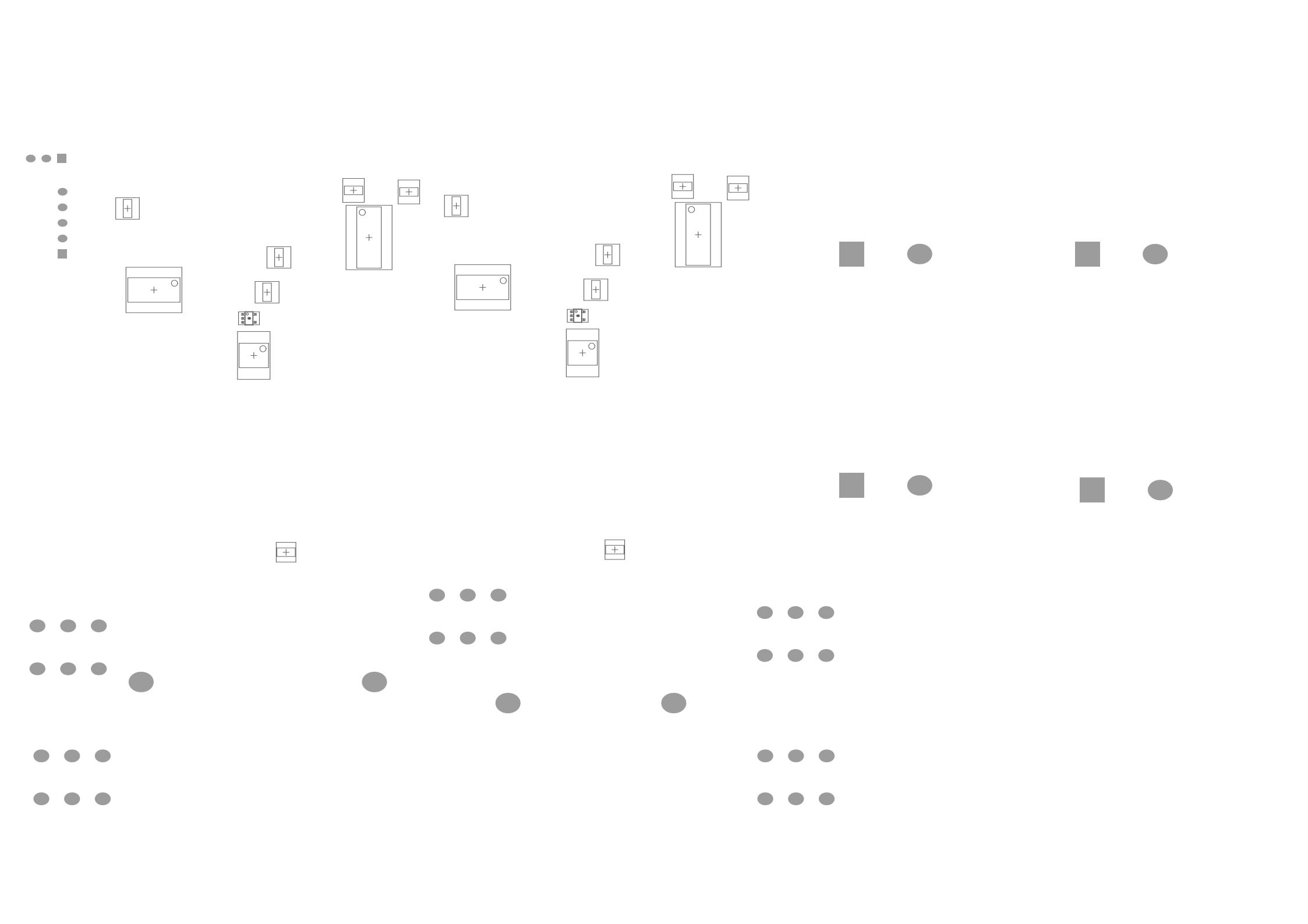


**Power Board
(One Phase)
UNICAMP/KarFlY**



May 2017
F. S. Garcia, J. F. Guerreiro,
H. G. Junior, A. C. Prates





Power Board (One Phase) UNICAMP/KartFly

