

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)

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 Arthur Crisóstomo Prates
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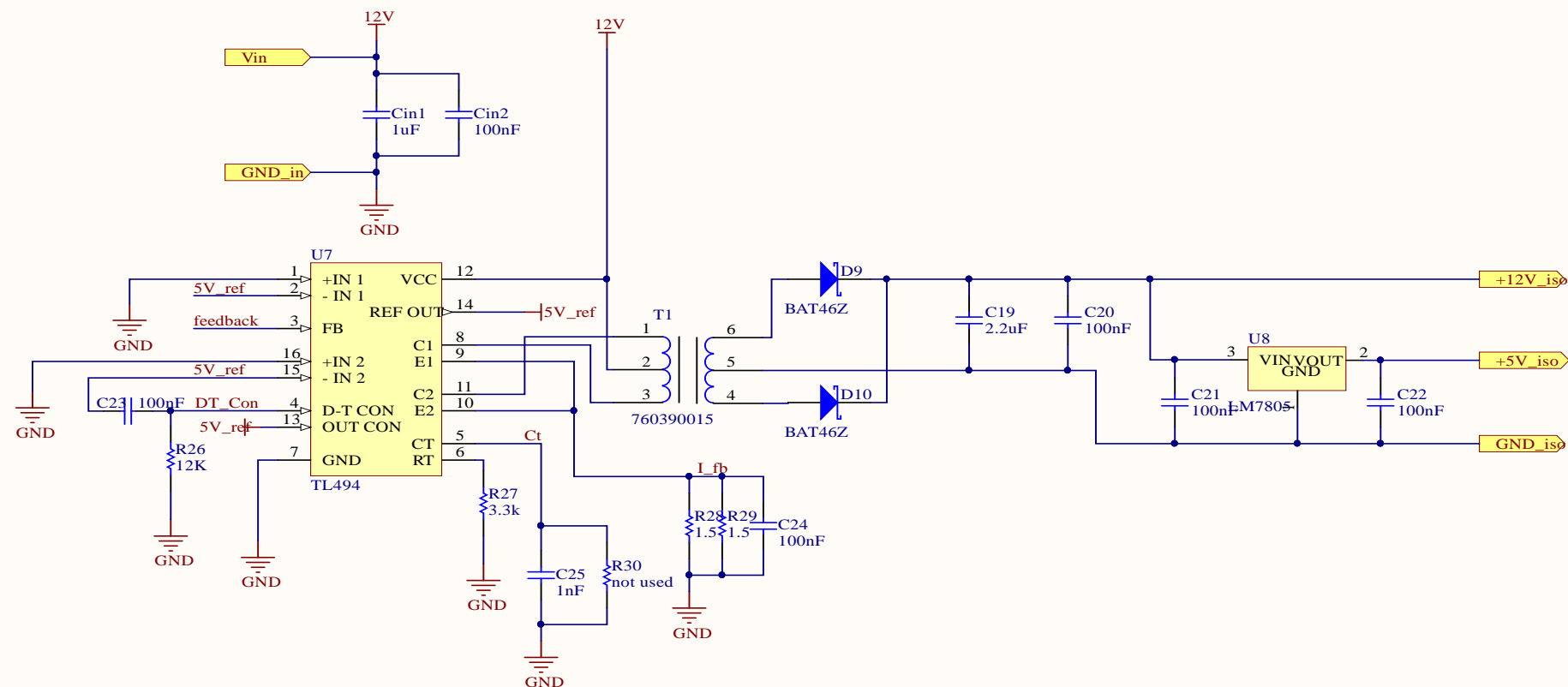
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Size A4	Number	Revision
Date: 26/06/2017	Sheet of	
File: C:\Users\...\OnePhaseMain.SchDoc	Drawn By:	

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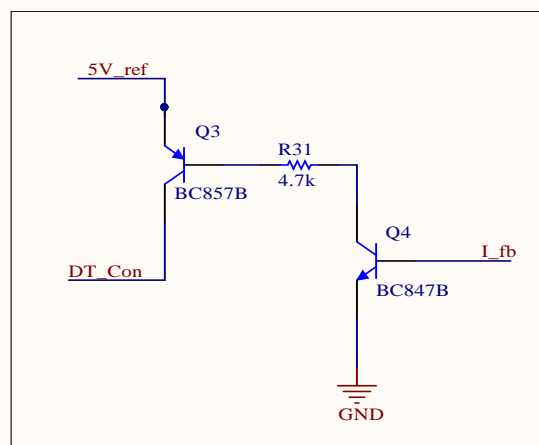
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Current limit circuit



Switching frequency: 300kHz
 Max. duty cycle: 45%
 Input voltage: 8V
 Output voltage: 12.5V

SMPS Controller:
 TL494IDR
 Alt. part: TL594CDR2G

Push-pull transformer:
 Wurth Electronics
 760390015

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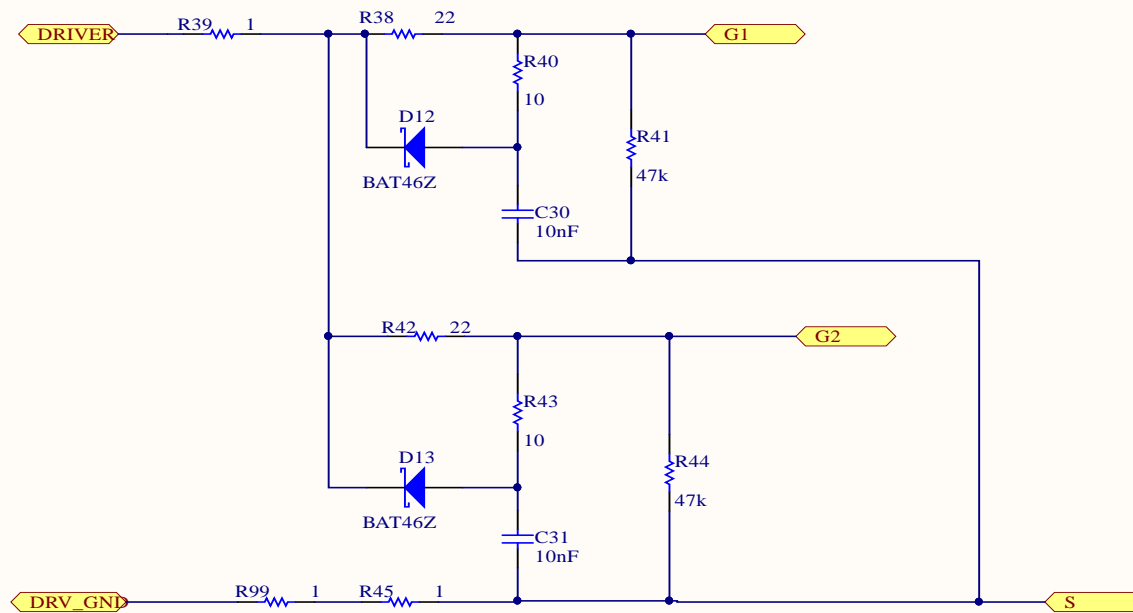
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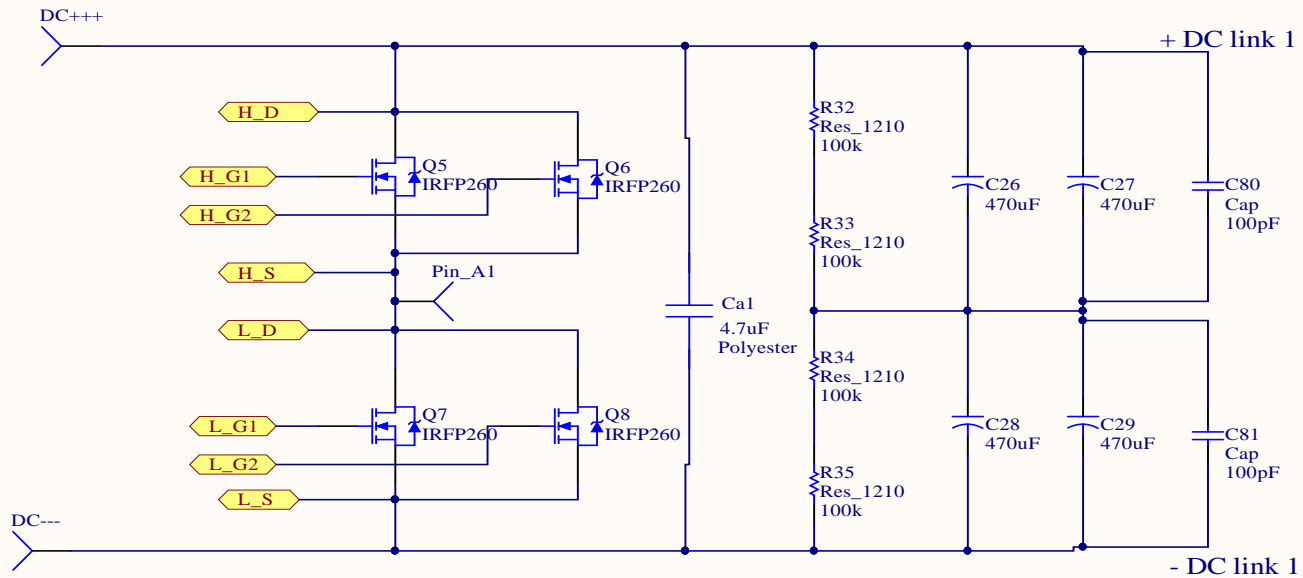
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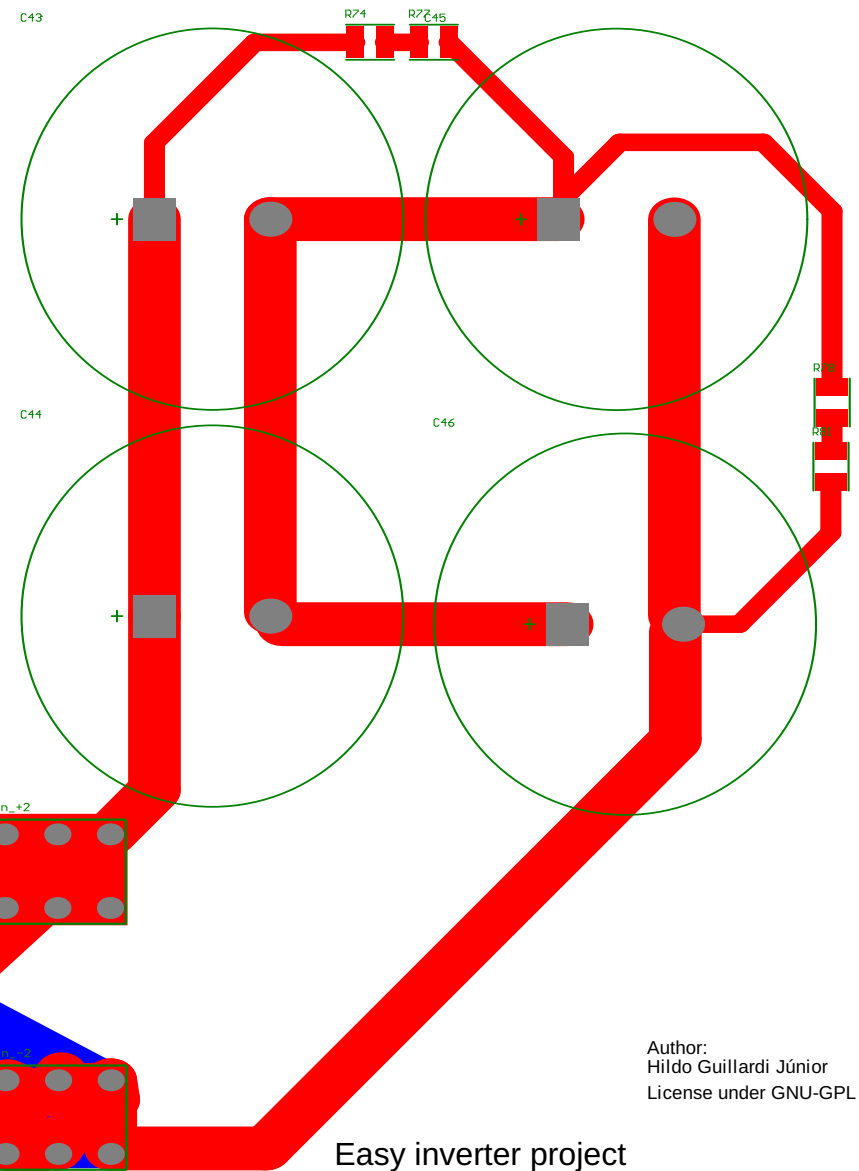
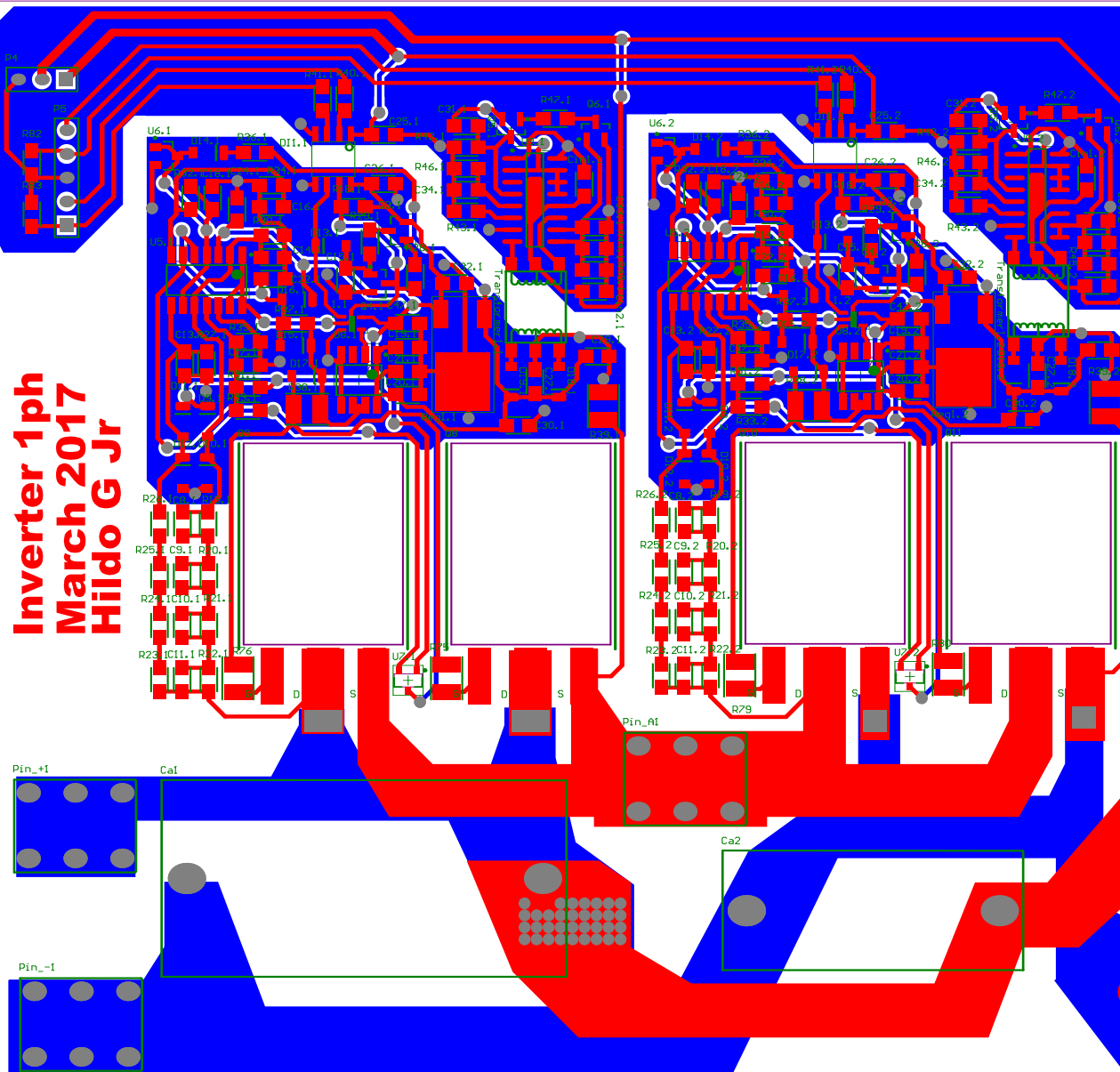
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Author: Hildo Guillard Junior			
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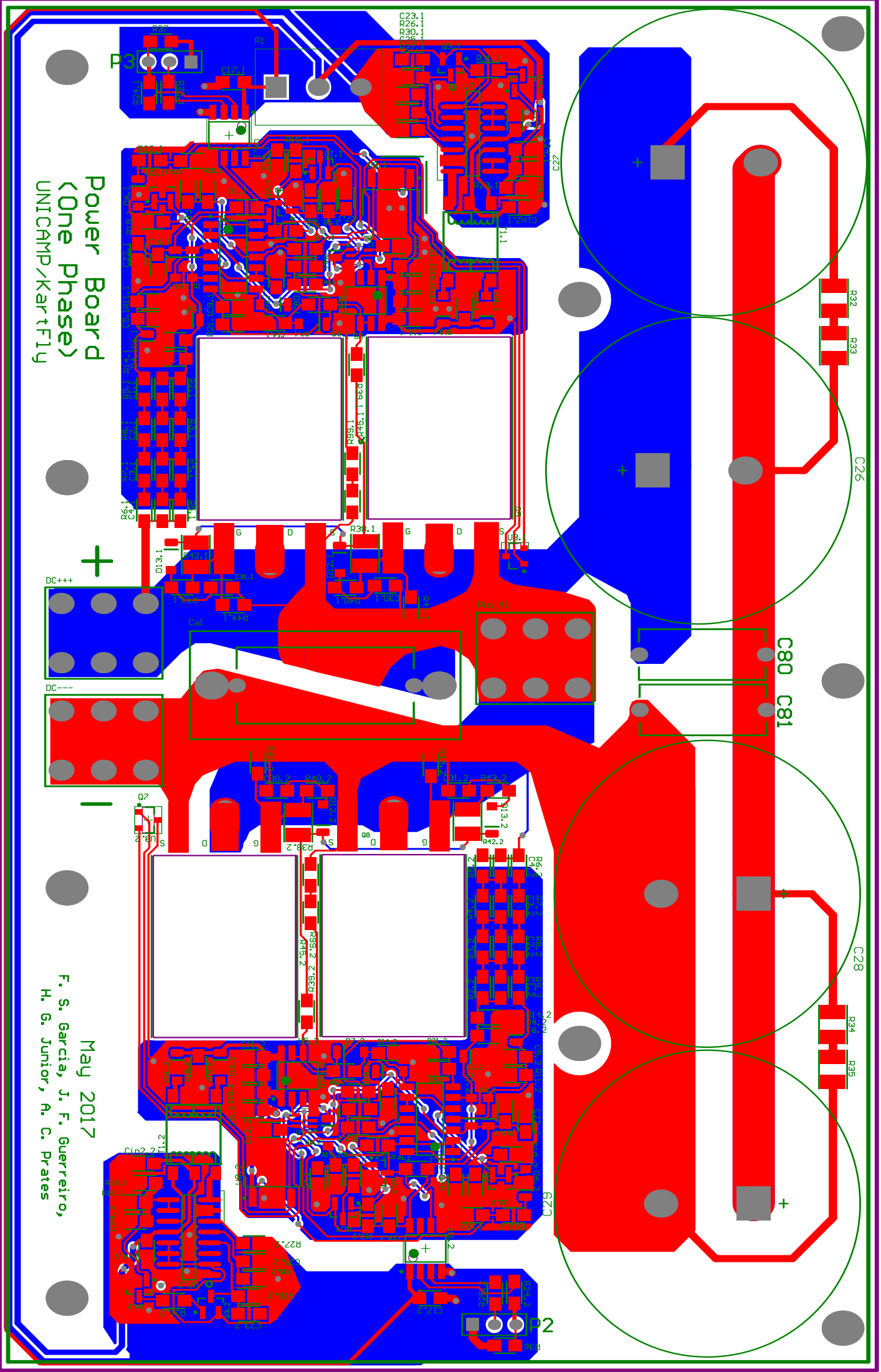
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Date: 26/06/2017	Sheet of	
File: C:\Users\...\OnePhase_MainPower_SchDoc	By: Hildo	

Inverter 1ph March 2017 Hildo G Jr



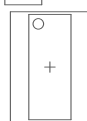
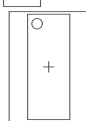
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Easy inverter project



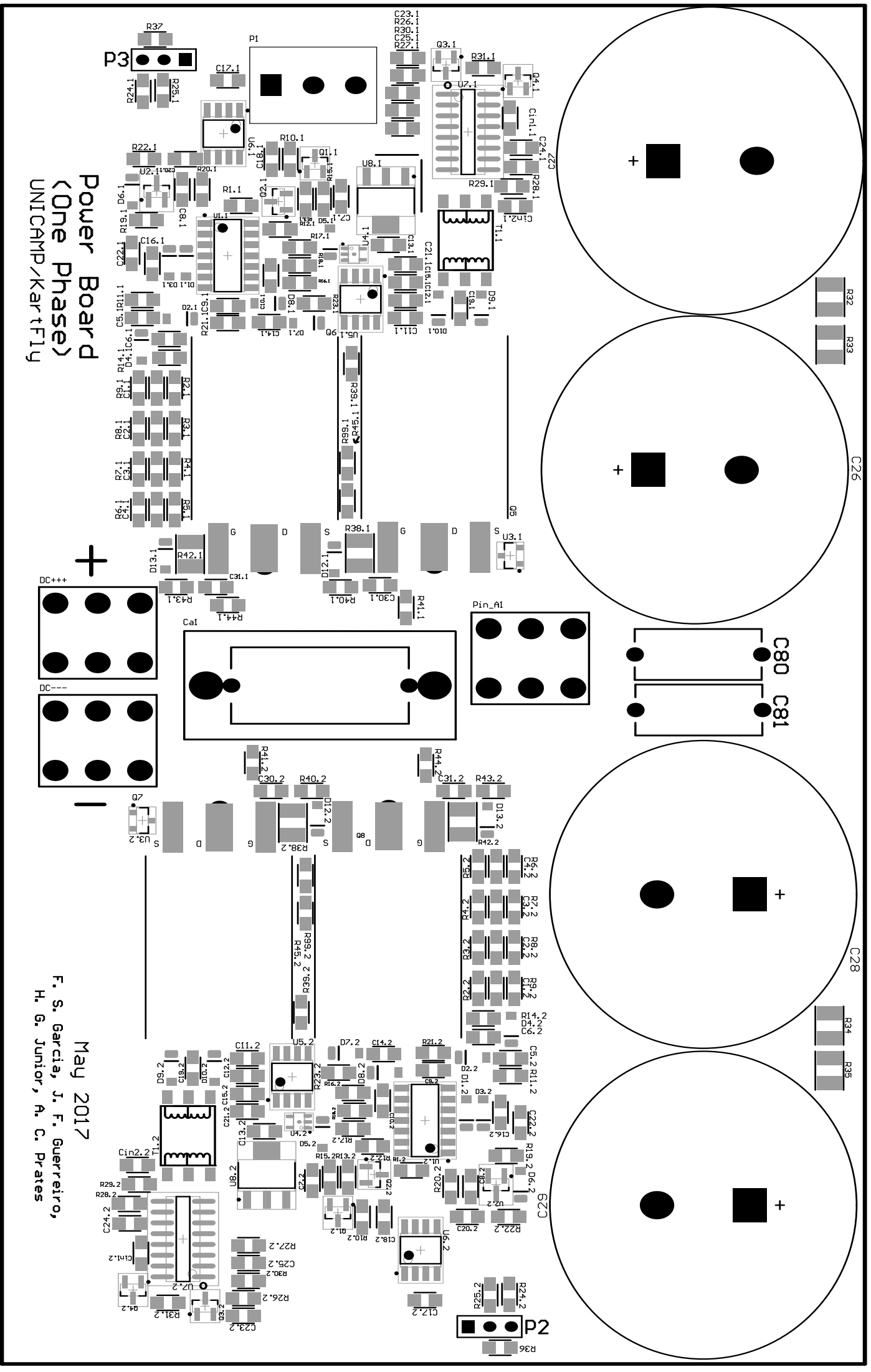
Power Board
(One Phase)
UNICAMP/Karffly

May 2017
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Easy inverter project



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