

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)
 Iniciar Layout
 Definir conectores e fixações (projeto mecânico)
 Definir dissipador / cooler (projeto térmico)
 Fabricação Placas de testes
 Início dos testes

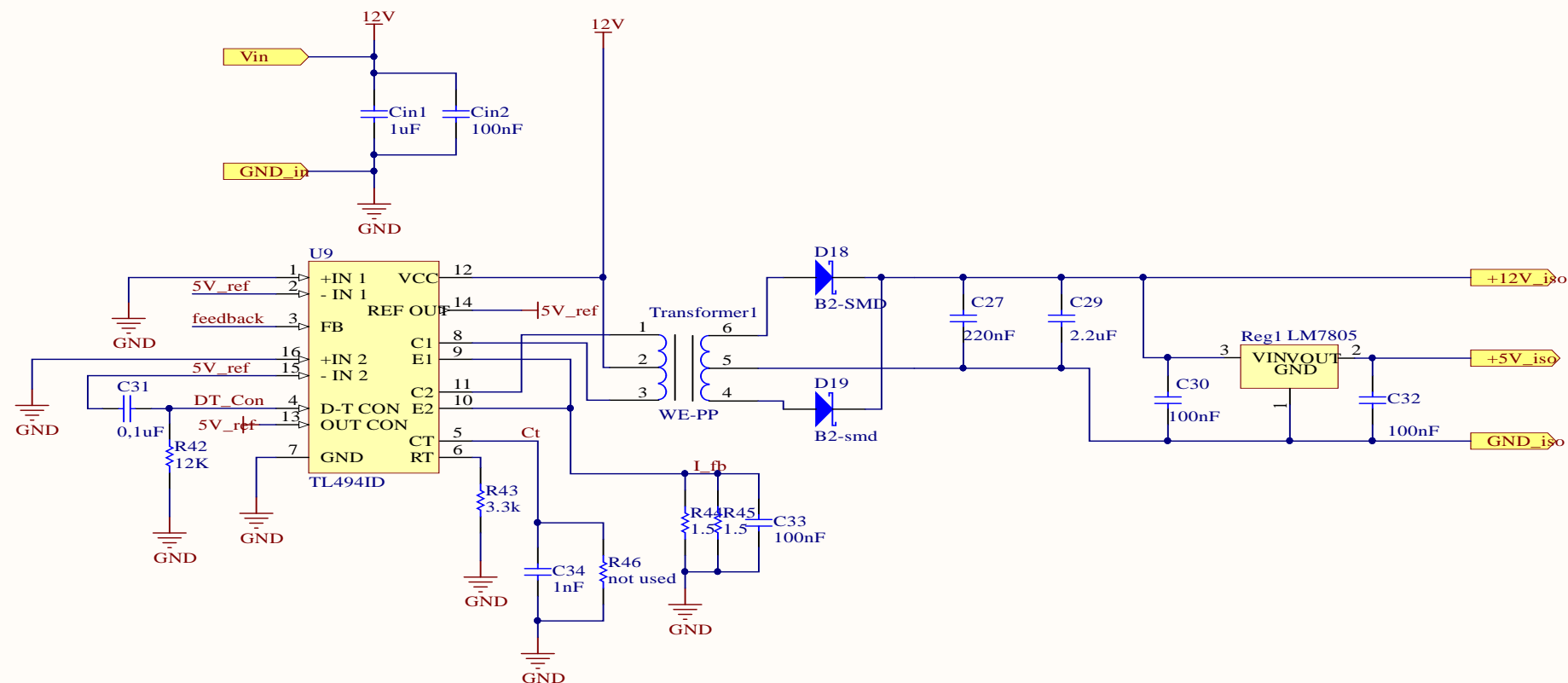
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Author:			Arthur Crisóstomo Prates	
Size	Number	License under GNU-GPL 3.0		Revision
A4				
Date:	01/04/2017		Sheet of	
File:	C:\Users\...\OnePhaseMain.SchDoc		Drawn By:	

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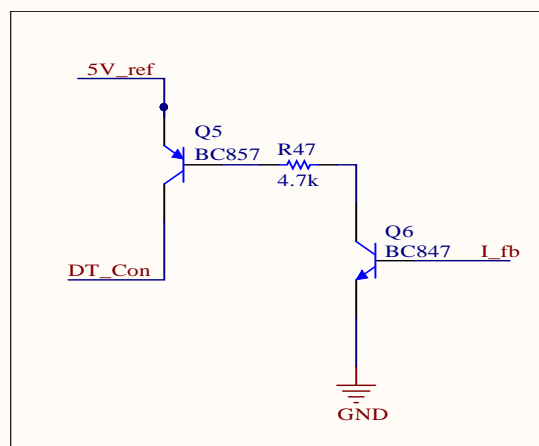
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Current limit circuit



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

SMPS Controller:
 TL494IDR
 Alt. part: TL594CDR2G

Push-pull transformer:
 Würth Electronics
 760390015

Author:
 Hildo Guillard Junior
 Joel Filipe Guerreiro
 Felipe Saldanha Garcia
 Arthur Crisóstomo Prates
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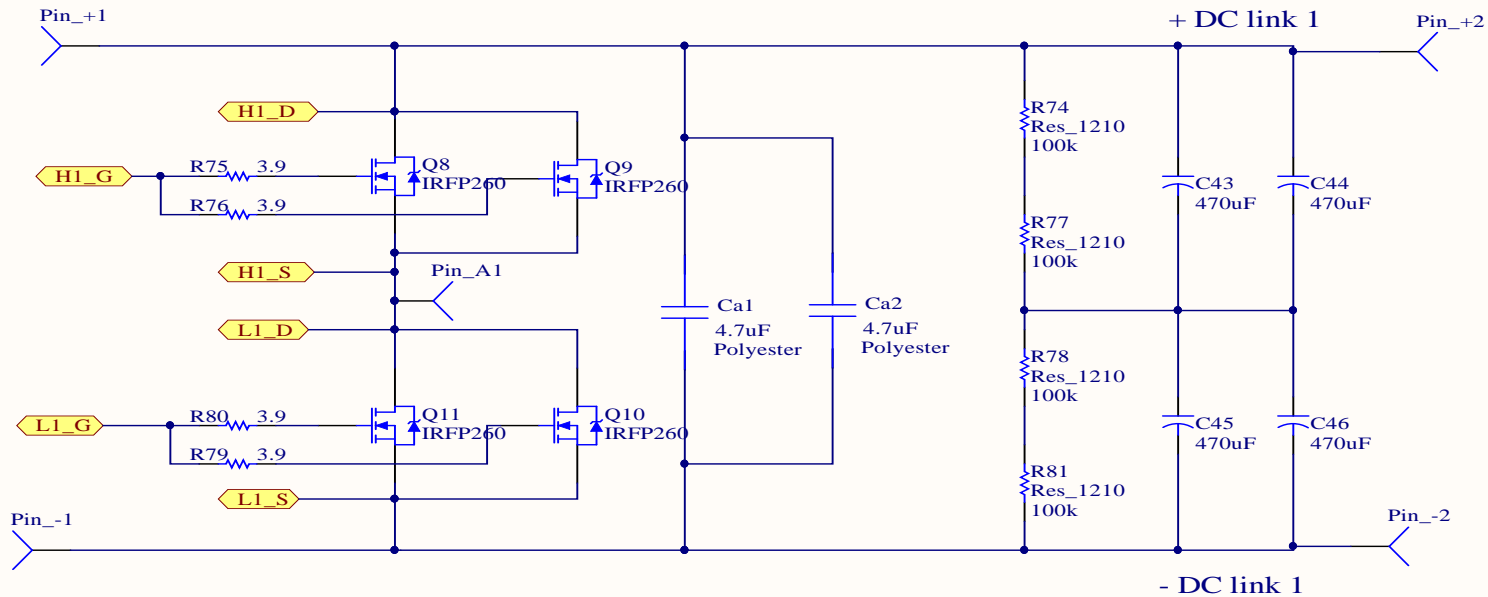
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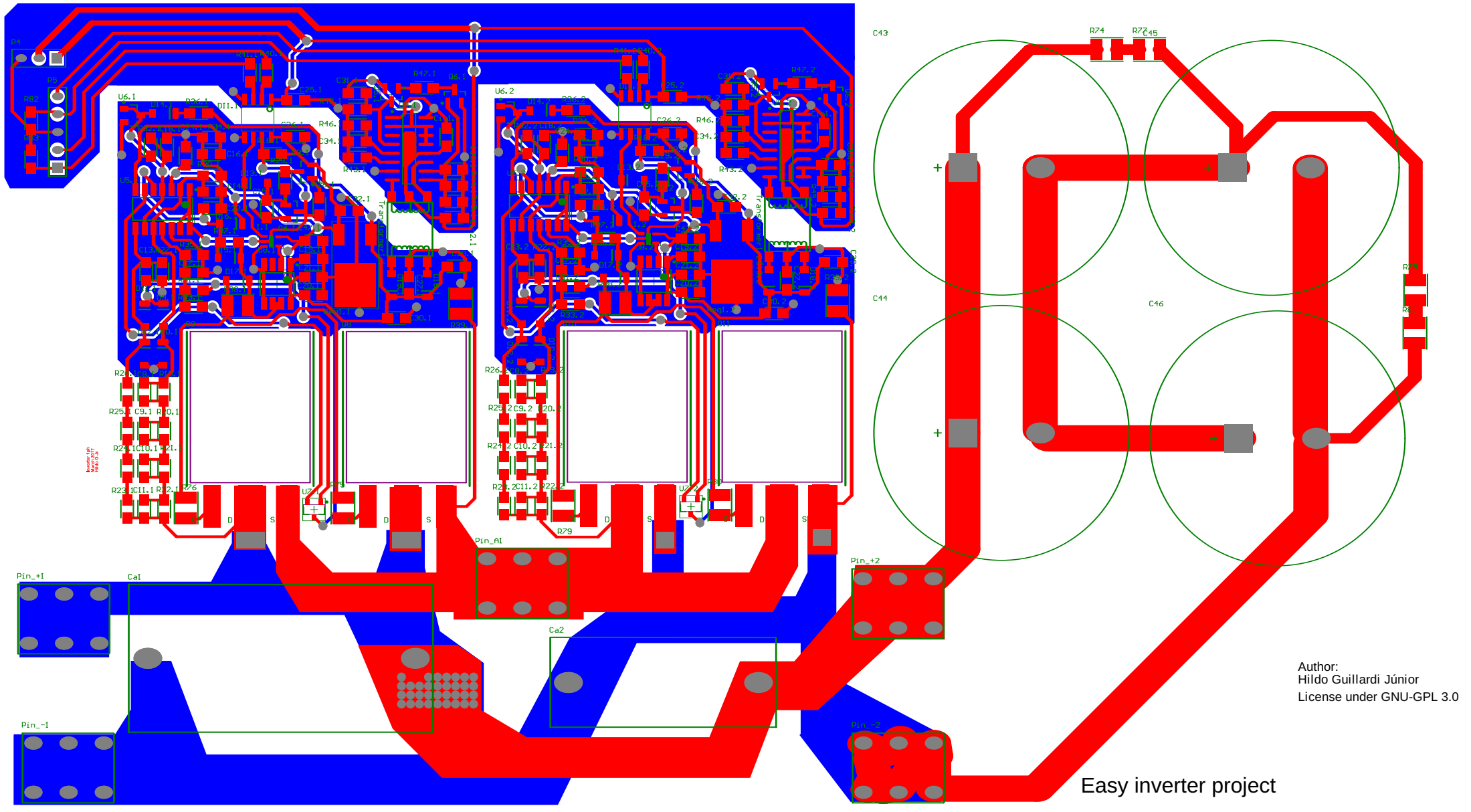
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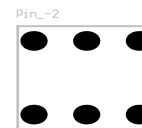
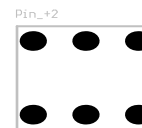
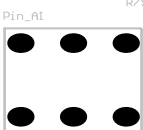
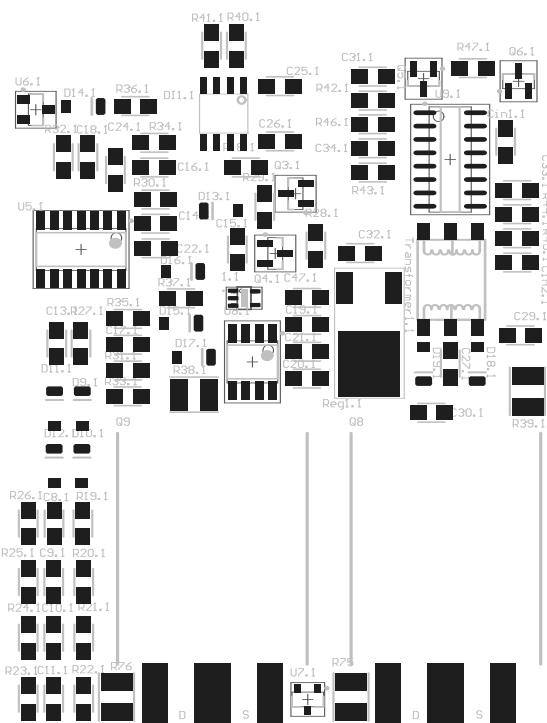
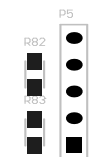


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File:	C:\Users\...OnePhase_MainPowerSchDoc	4	



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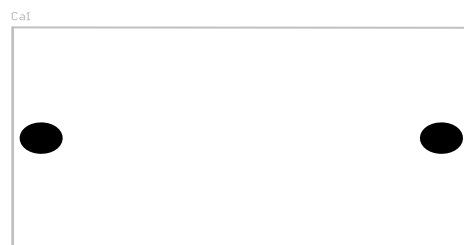
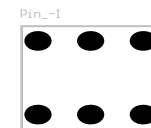
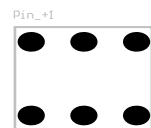


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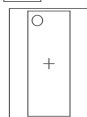
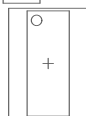
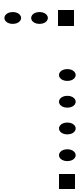
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Boarc