

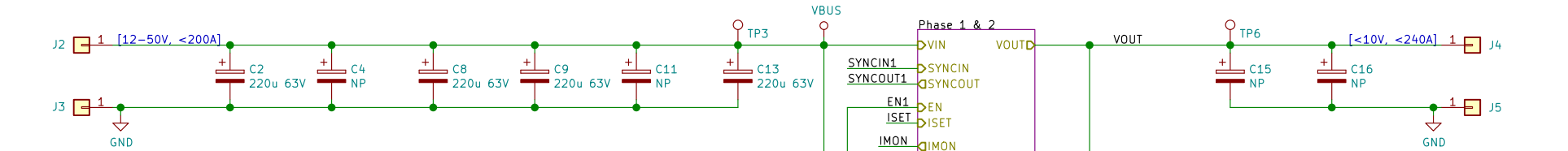
Input

Input bulk capacitance

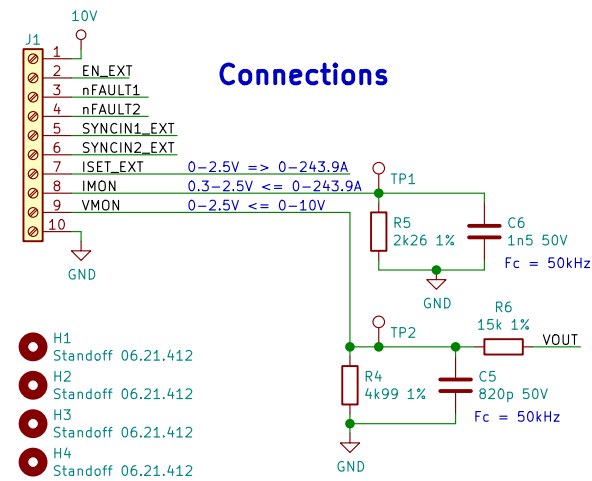
Power plant

Output bulk capacitance

Output

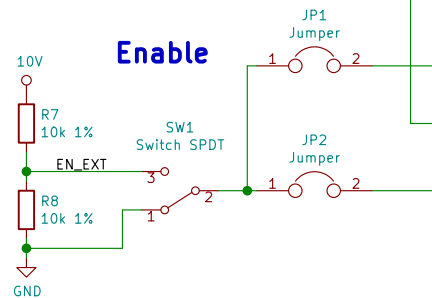


Connections

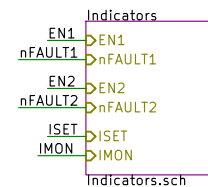


DC-DC converter 10V

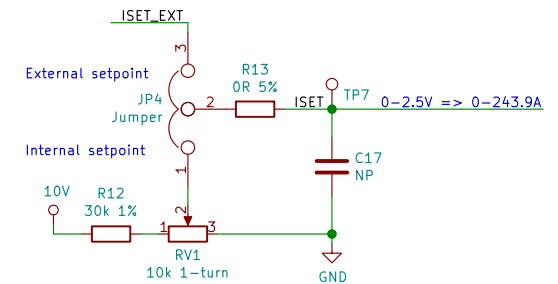
Enable



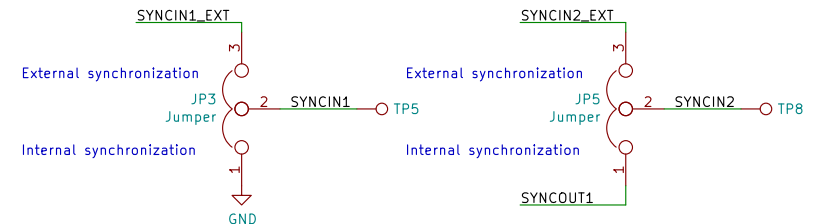
Indicators



Current setpoint configuration



Synchronization configuration



High Current Source

Sheet: /
File: HighCurrentSource.sch

HyET

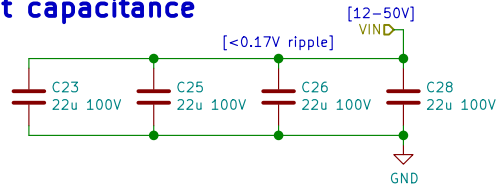
Size: A4 Date: 08-02-2019

KiCad E.D.A. kicad (5.0.2)-1

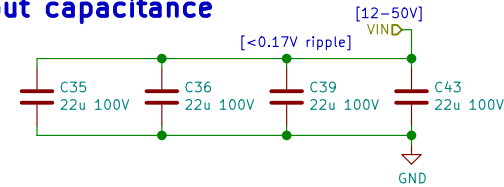
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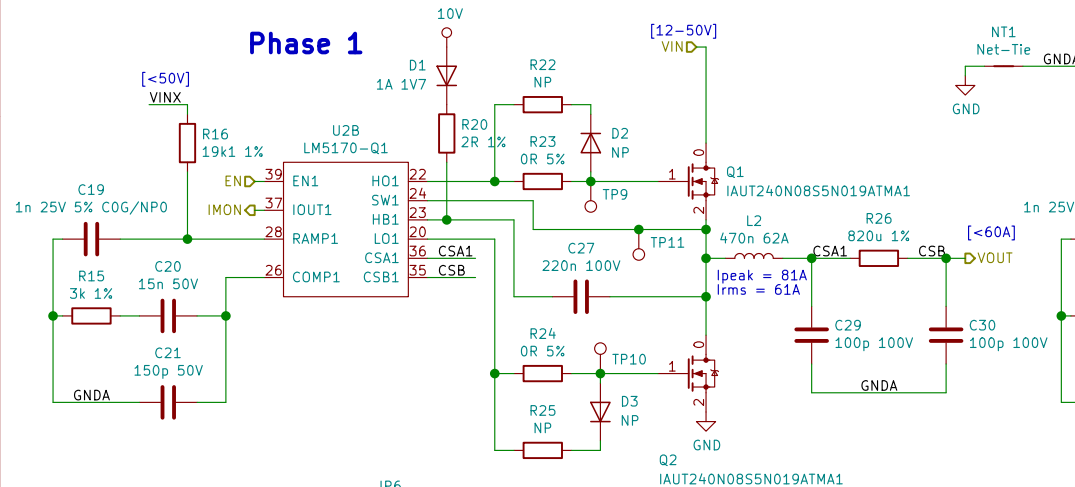
Phase 1 input capacitance



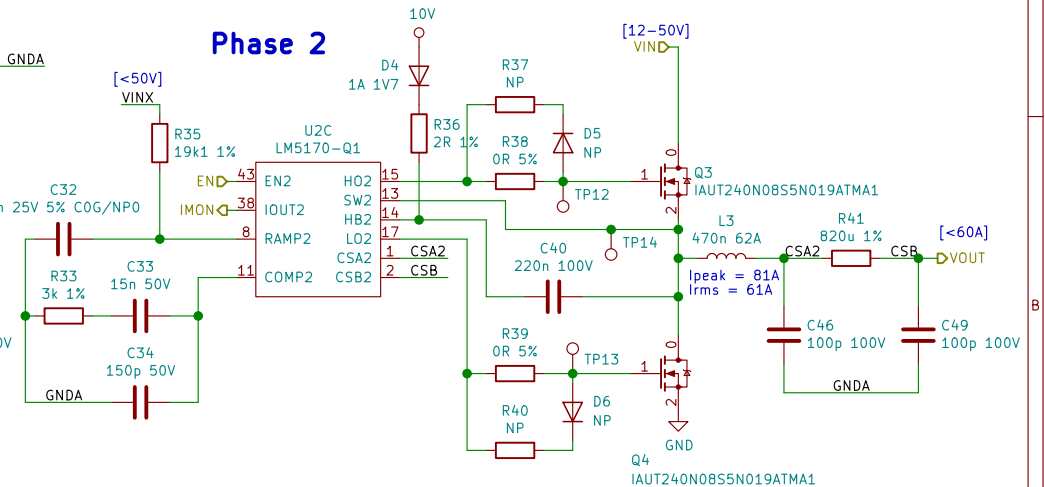
Phase 2 input capacitance



Phase 1



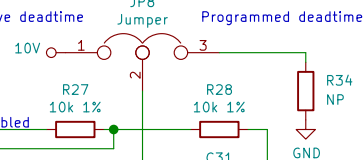
Phase 2



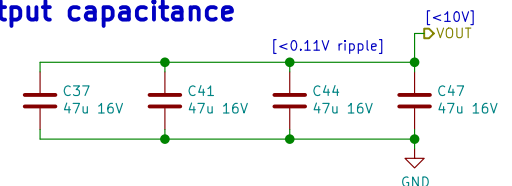
Synchronization output



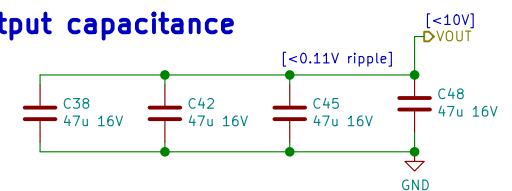
Adaptive deadtime



Phase 1 output capacitance



Phase 2 output capacitance



Phase 1 & 2

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File: Phase12.sch

HyET

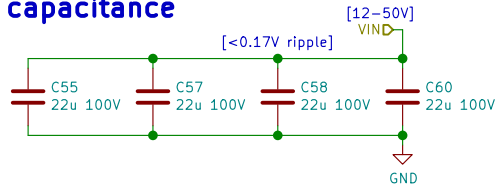
Size: A4 Date: 08-02-2019

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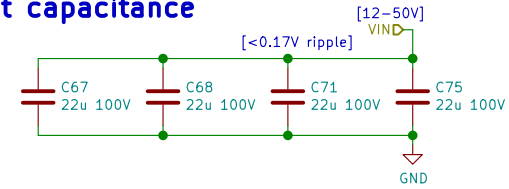
Rev: 01

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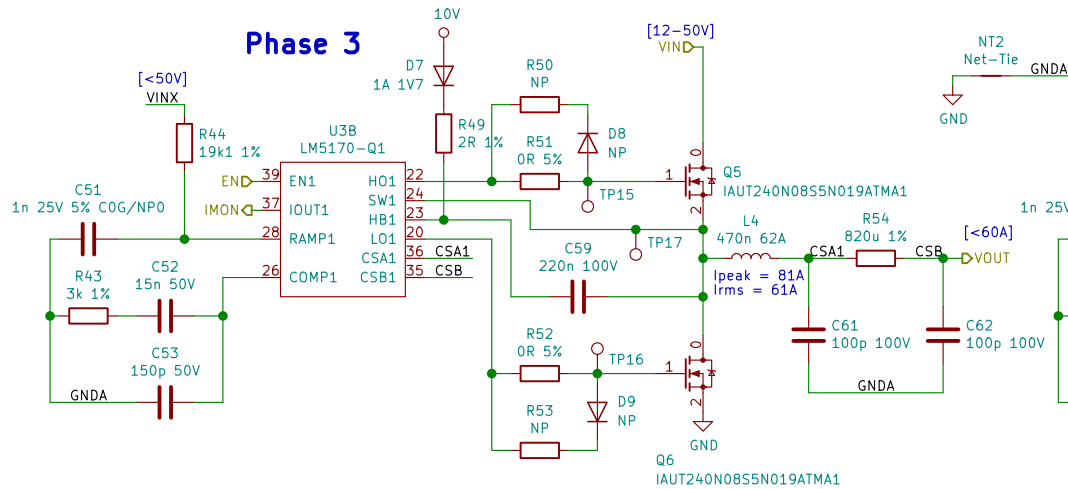
Phase 3 input capacitance



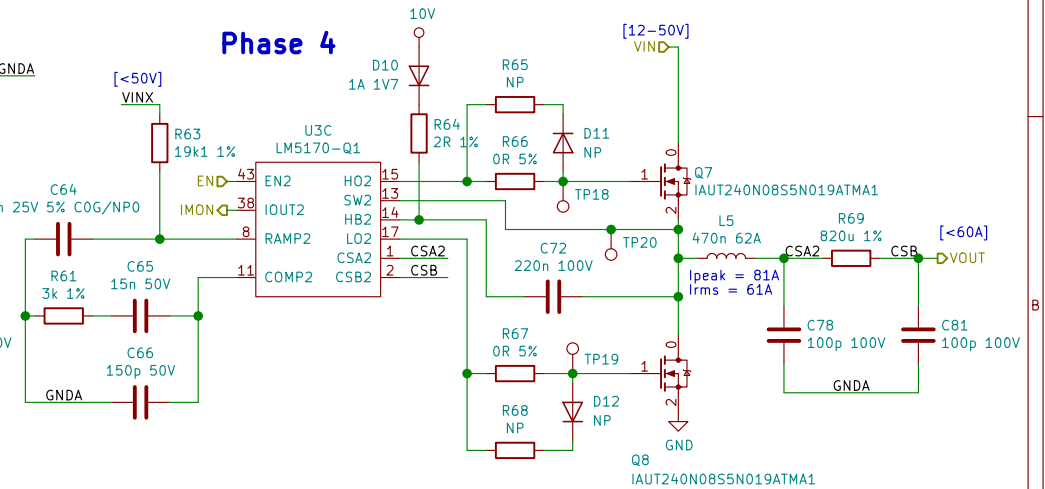
Phase 4 input capacitance



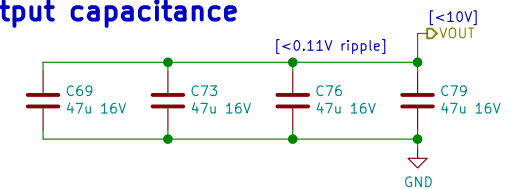
Phase 3



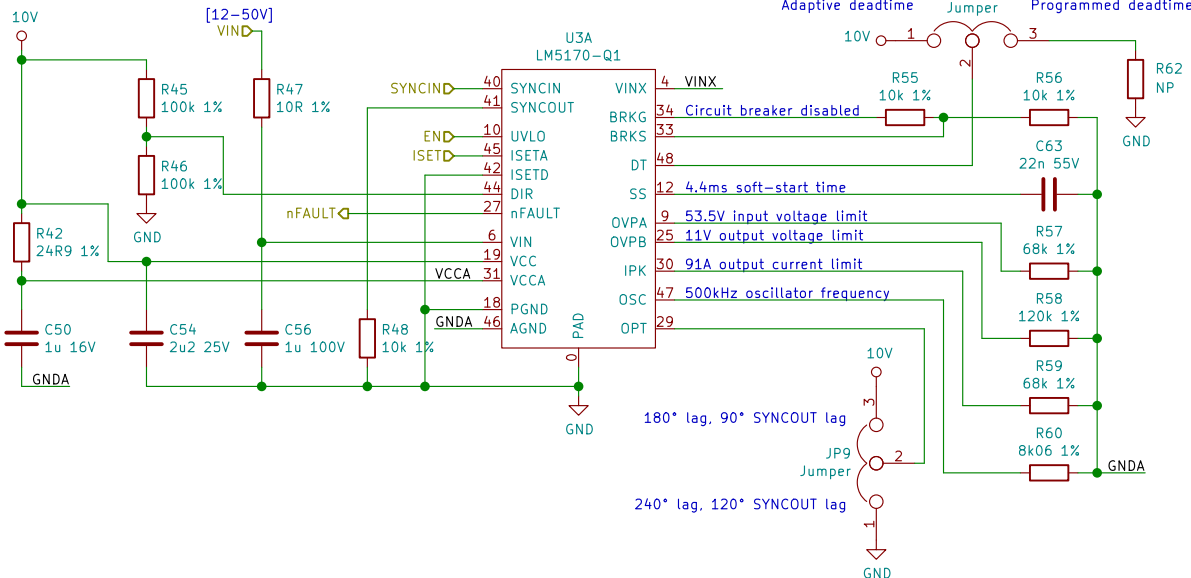
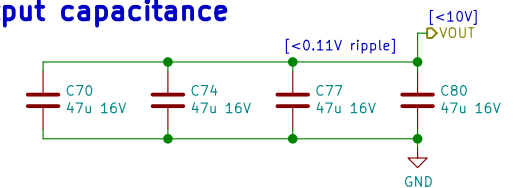
Phase 4



Phase 3 output capacitance



Phase 4 output capacitance



Phase 3 & 4

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File: Phase34.sch

HyET

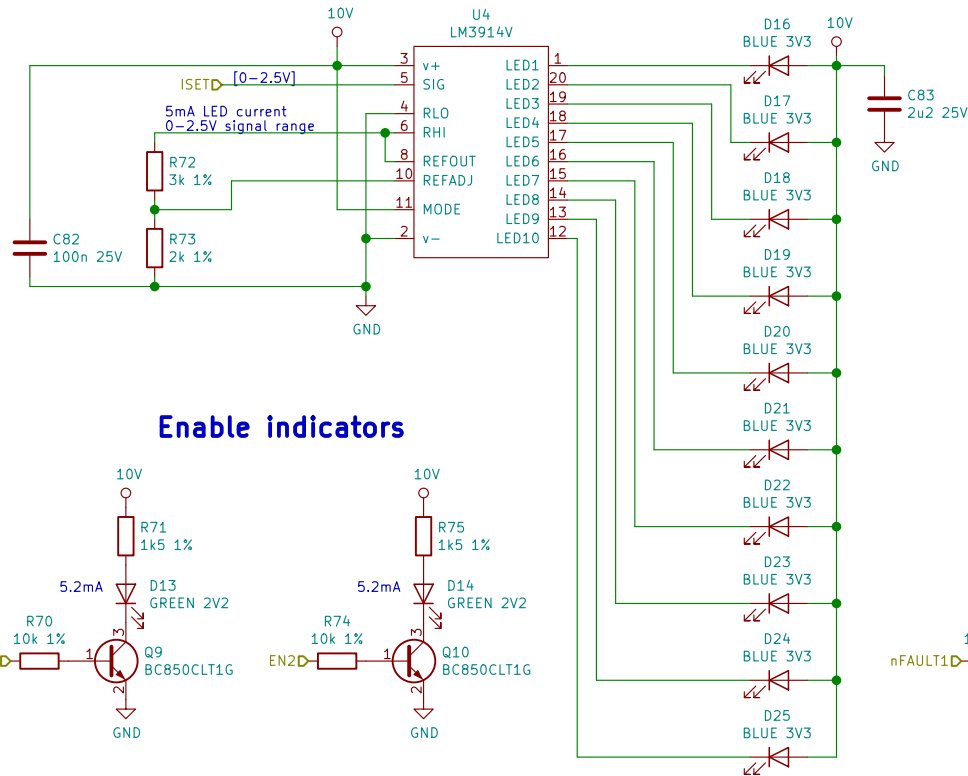
Size: A4 Date: 08-02-2019

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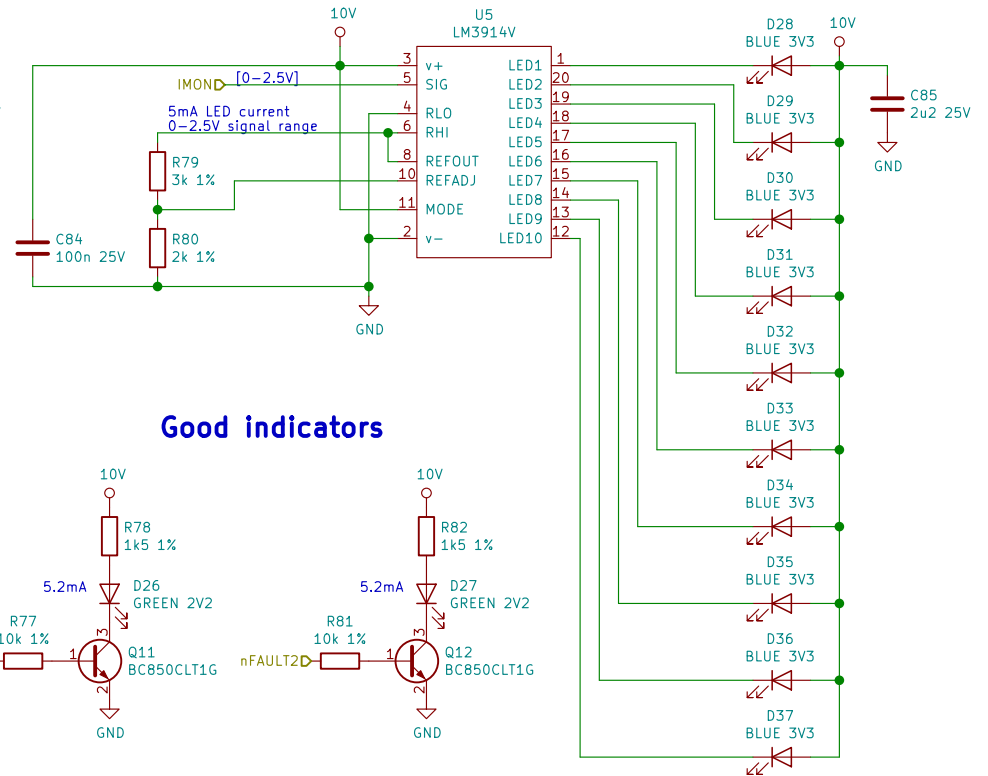
Rev: 01

Id: 3/4

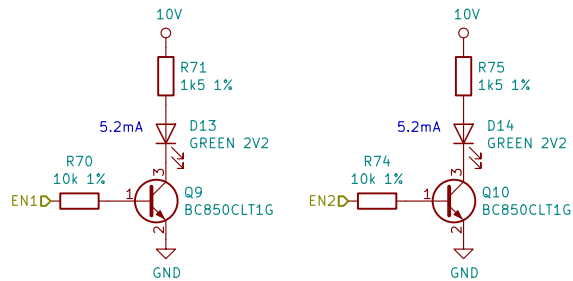
Current setpoint indicators



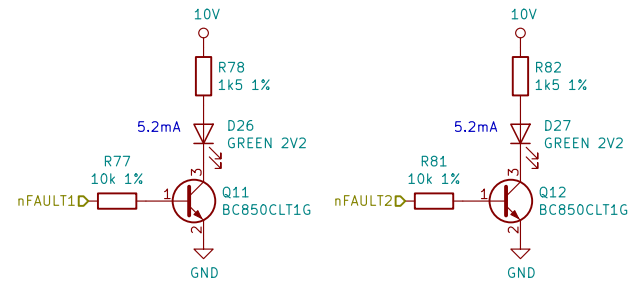
Current monitor indicators



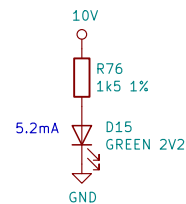
Enable indicators



Good indicators



Power indicator



Indicators

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