

Sheet: LED-DC-DC

File: LED-DC-DC.sch

Sheet: Sensors

+3.3V → 3.3V MBED
GND → GND
SDA0 → SDA0
SCL0 → SCL0

File: Sensors.sch

Sheet: Isolated Comms

+5V → +5V
GND → GND
RX1 → RX0
TX1 → TX0
RX2 → RX1
TX2 → TX1
RX3 → RX2
TX3 → TX2
GNDIso → GNDIso
+3.3V → +3.3V

File: Isolated Comms.sch

Sheet: Isolated Outputs

+3.3V → +3.3V
GND → GND
TRIG1 → MCU_TRIG_1
TRIG2 → MCU_TRIG_2
TRIG3 → MCU_TRIG_3
TRIG4 → MCU_TRIG_4
TRIG5 → MCU_TRIG_5
TRIG6 → MCU_TRIG_6
TRIG7 → MCU_TRIG_7
TRIG8 → MCU_TRIG_8
GNDIso → GNDIso

File: Isolated Outputs.sch

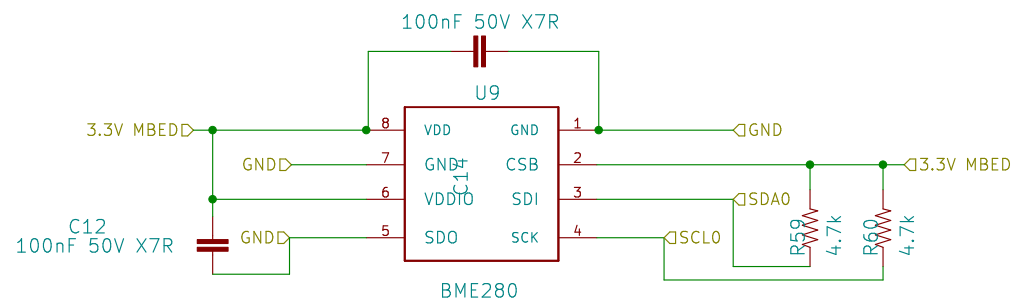
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File: SPInterfaceBoard-v01.sch

Title:

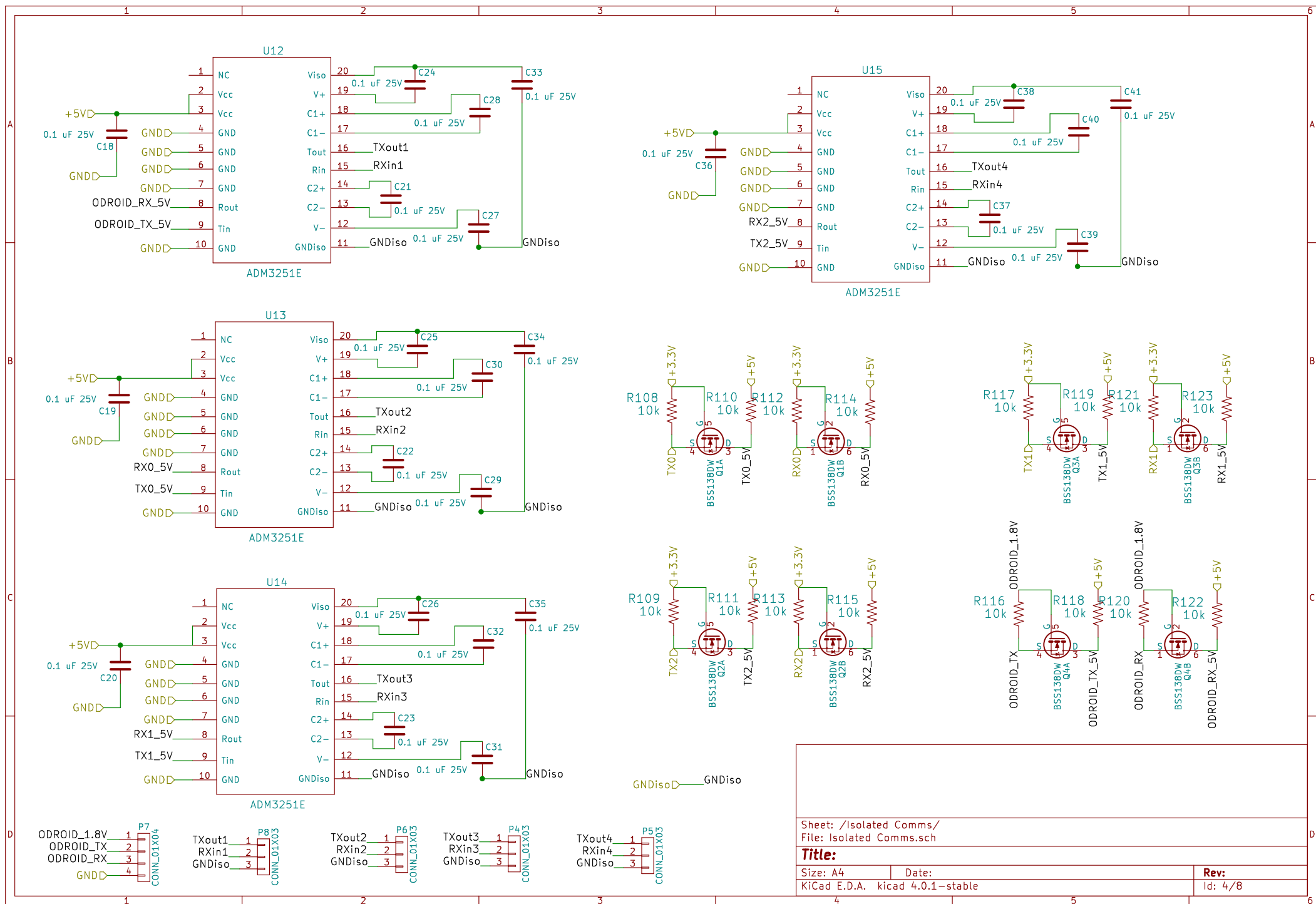
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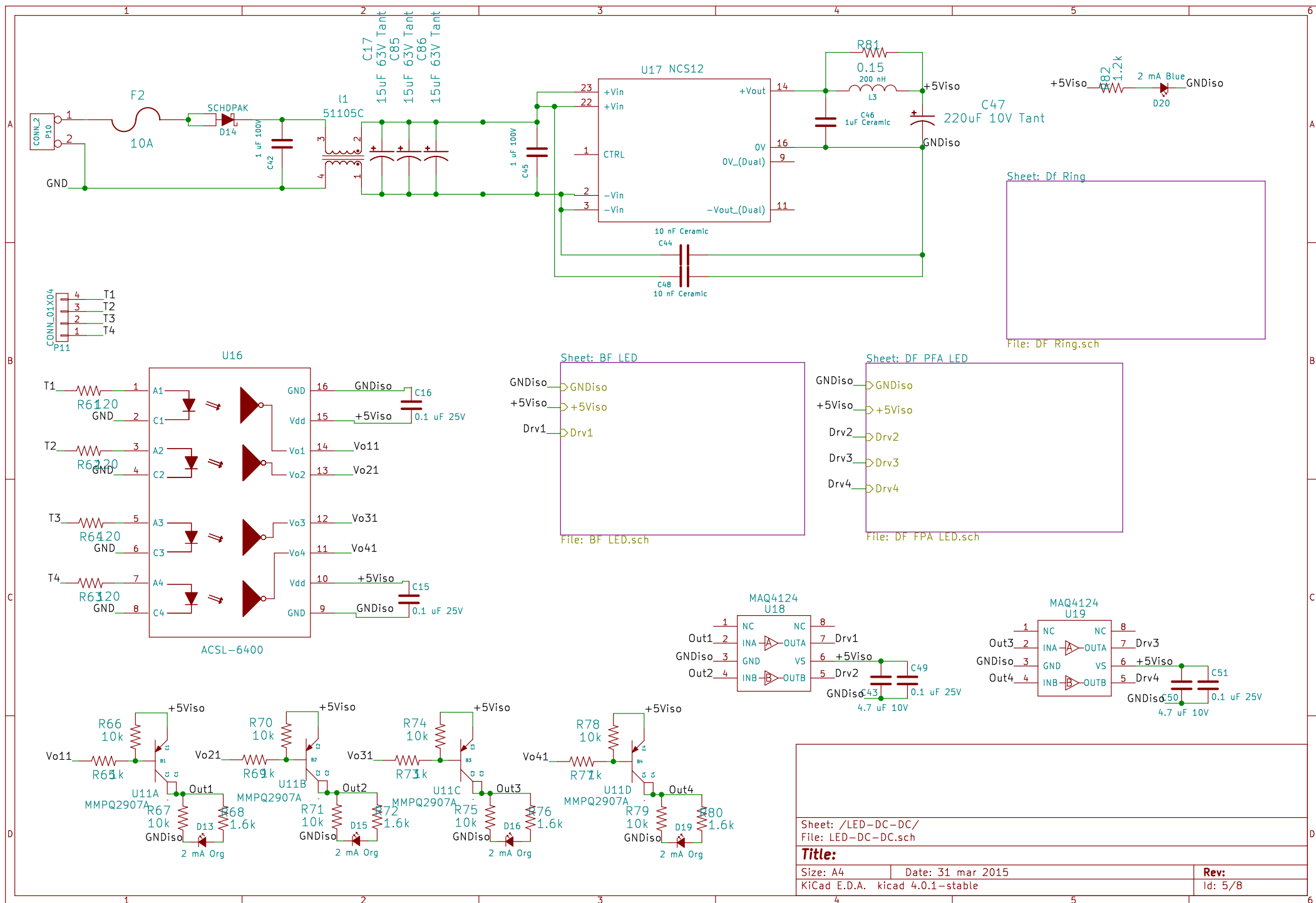
Date: 31 mar 2015

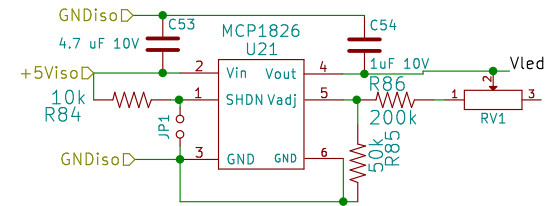
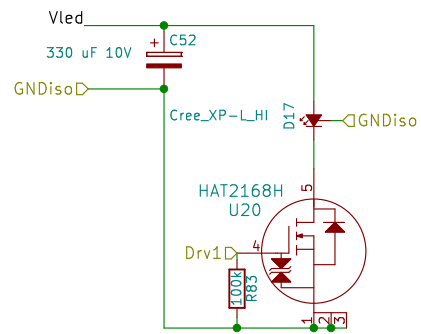
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Id: 1/8



Rev:
Id: 3/8







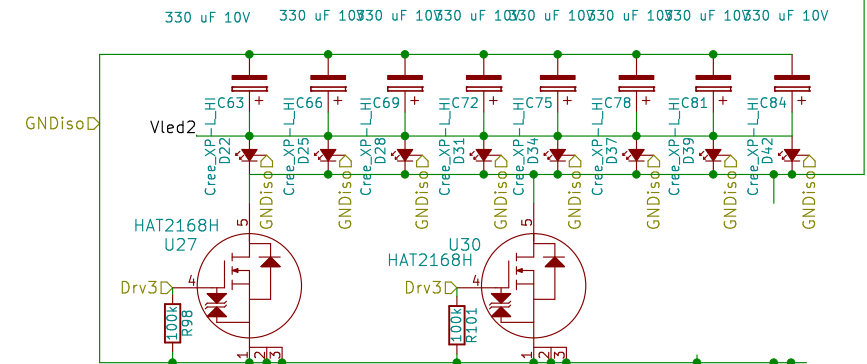
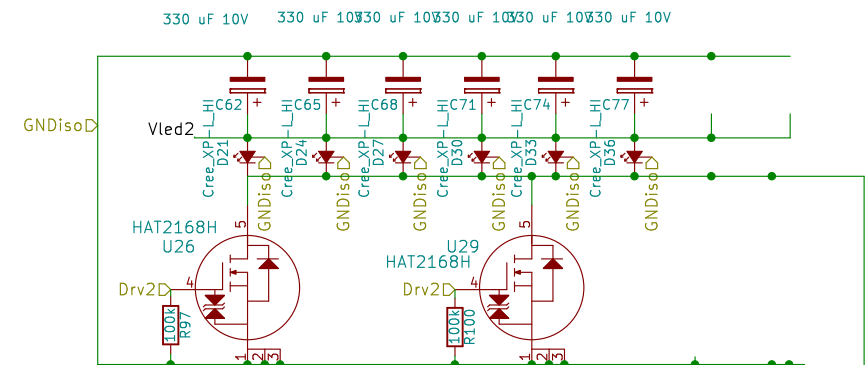
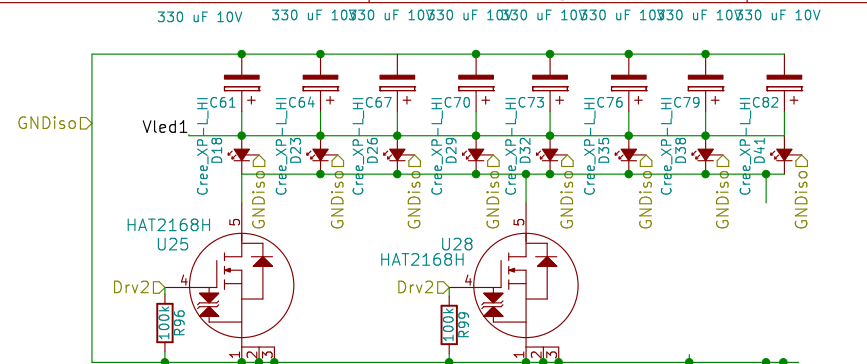
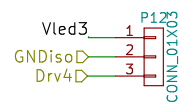
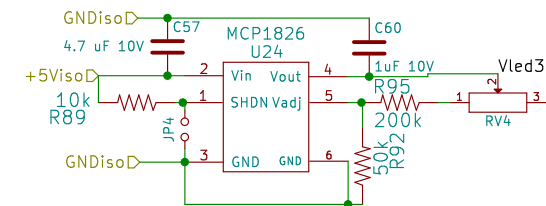
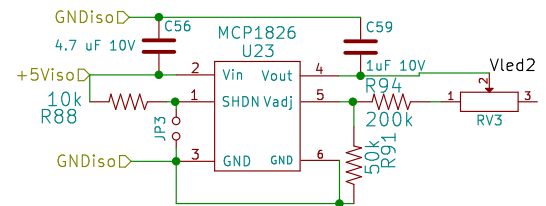
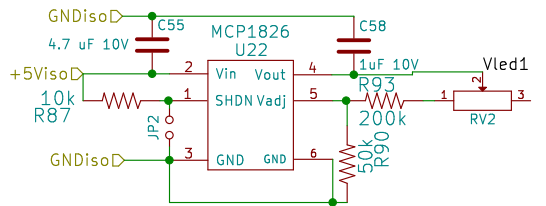
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Rev:
Id: 6/8



Sheet: /LED-DC-DC/DF PFA LED/
File: DF PFA LED.sch

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Rev:

Id: 7/8

