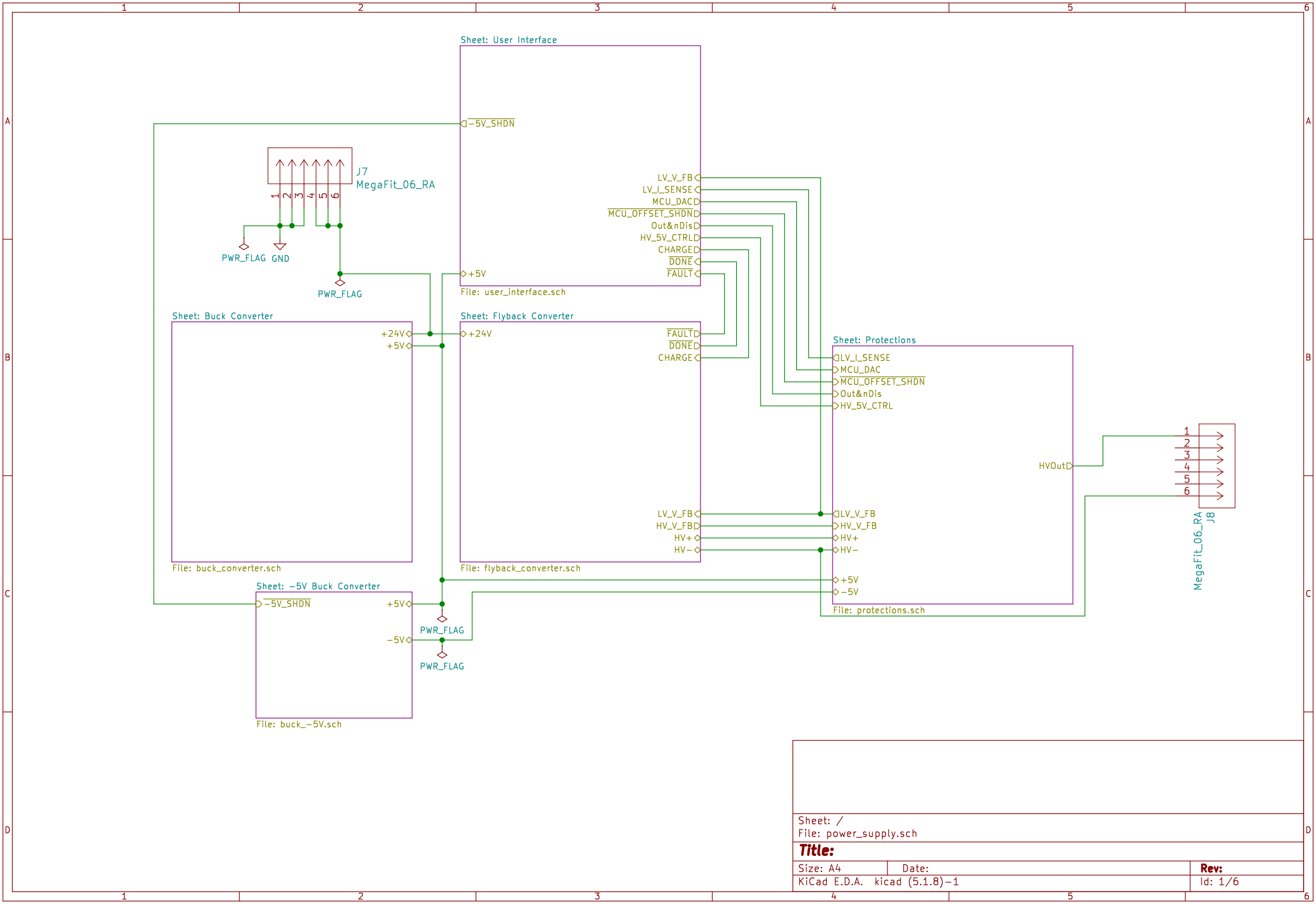
Sheet: User Interface
−5V_SHDN
+5V
LV_V_FB
LV_I_SENSE
MCU_DAC
MCU_OFFSET_SHDN
Out&nDis
HV_5V_CTRL
CHARGE
DONE
FAULT
File: user_interface.sch
J7
MegaFit_06_RA
1
2
3
4
5
6
PWR_FLAG
GND
PWR_FLAG
Sheet: Buck Converter
+24V
+5V
File: buck_converter.sch
Sheet: Flyback Converter
+24V
FAULT
DONE
CHARGE
LV_V_FB
HV_V_FB
HV+
HV−
File: flyback_converter.sch
Sheet: Protections
LV_I_SENSE
MCU_DAC
MCU_OFFSET_SHDN
Out&nDis
HV_5V_CTRL
LV_V_FB
HV_V_FB
HV+
HV−
+5V
−5V
HVOut
File: protections.sch
1
2
3
4
5
6
MegaFit_06_RA
J8
Sheet: −5V Buck Converter
−5V_SHDN
+5V
−5V
PWR_FLAG
PWR_FLAG
File: buck_−5V.sch
Sheet: /
File: power_supply.sch
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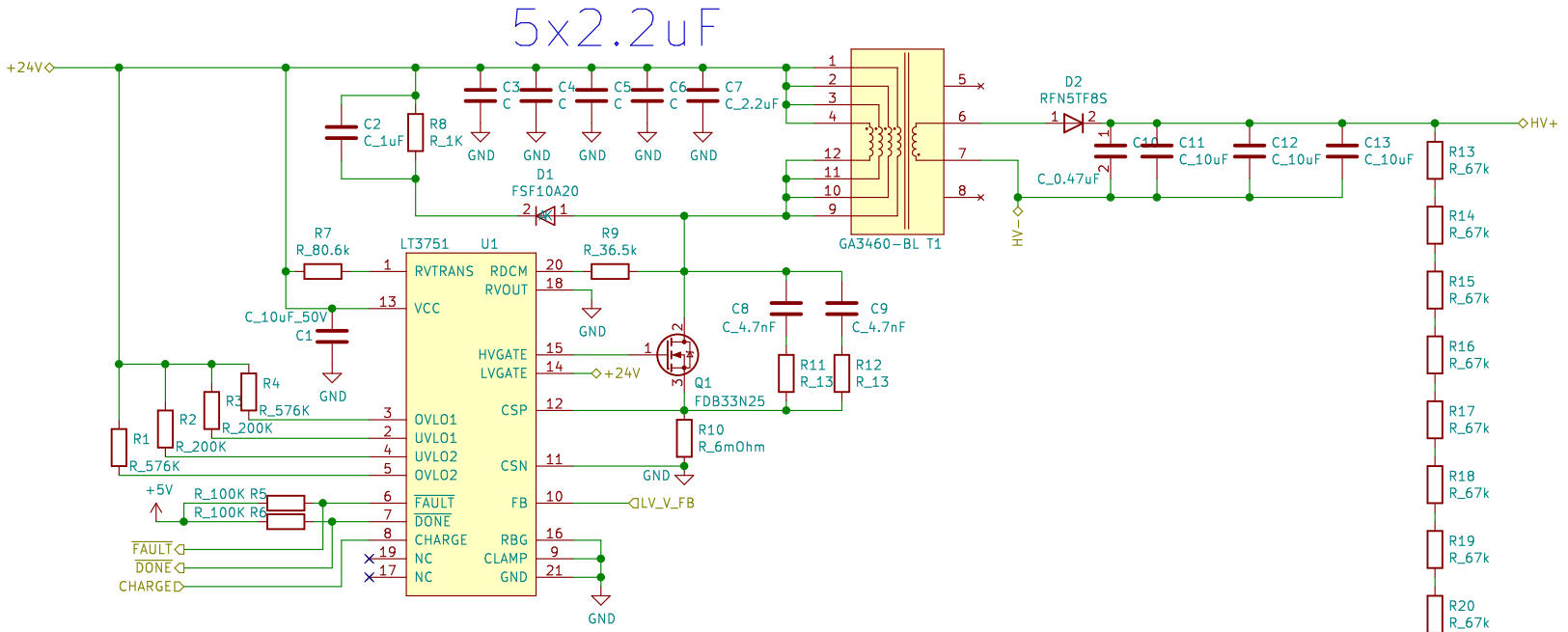
Size: A4
Date:
Rev:
KiCad E.D.A. kicad (5.1.8)−1
Id: 1/6



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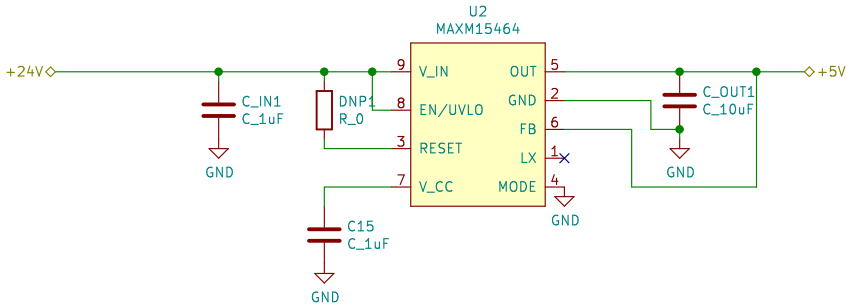
KiCad E.D.A. kicad (5.1.8)-1		Id: 2/6



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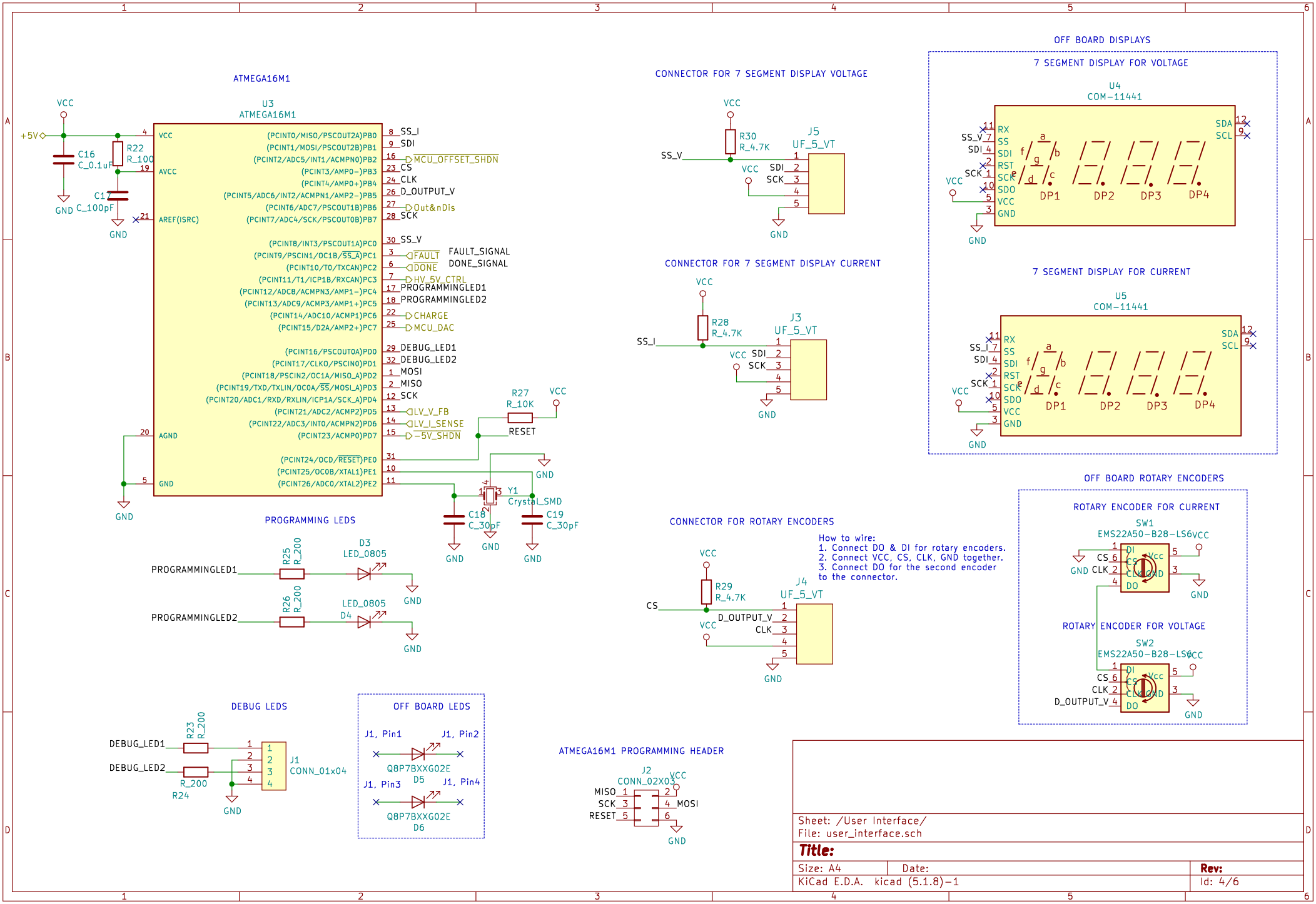
KiCad E.D.A. kicad (5.1.8)-1		Id: 3/6



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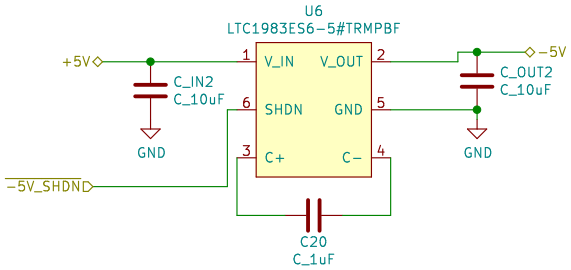
KiCad E.D.A. kicad (5.1.8)−1		Id: 4/6



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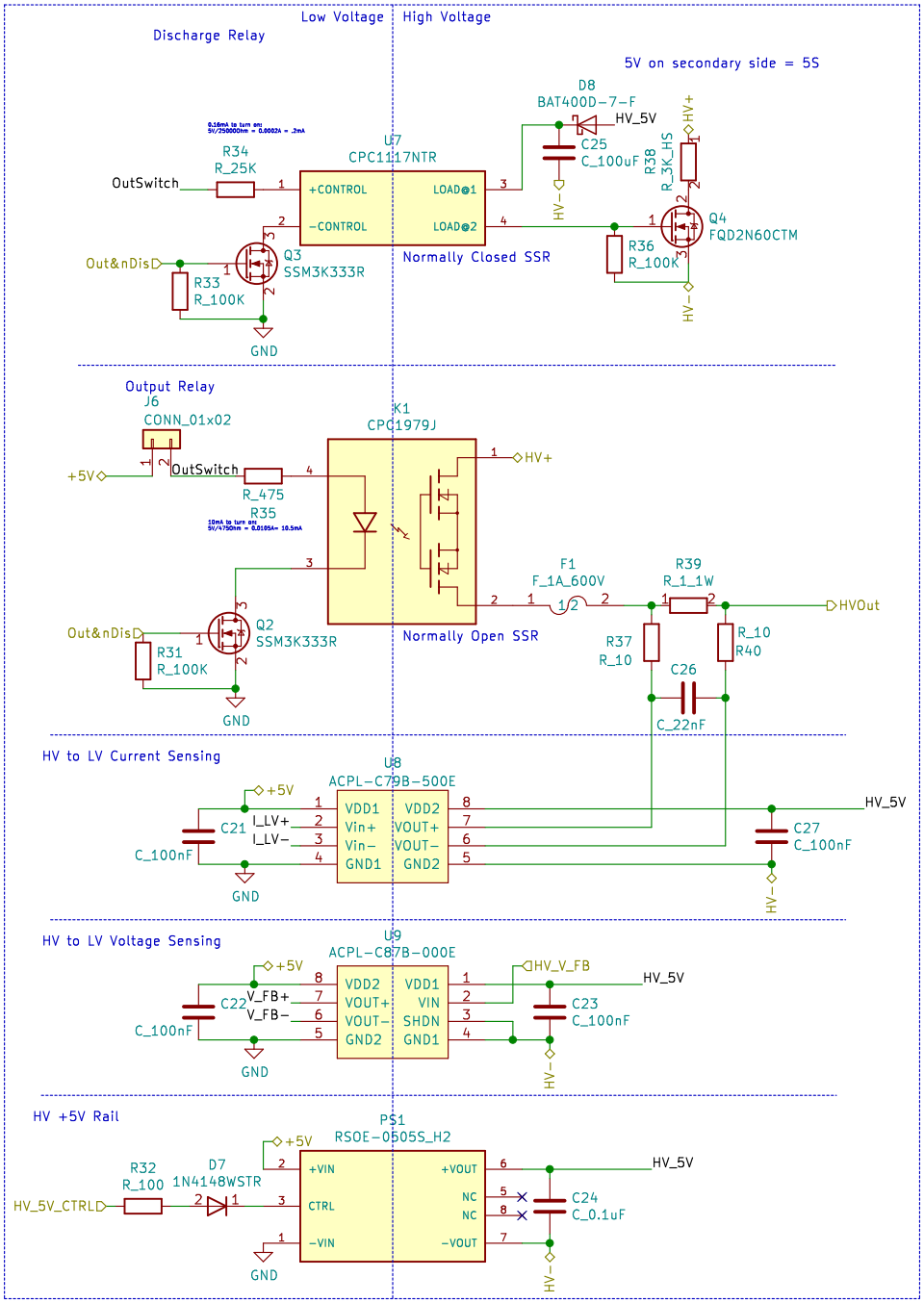
KiCad E.D.A. kicad (5.1.8)-1		Id: 5/6



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Size: A4	Date:	**Rev:**
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