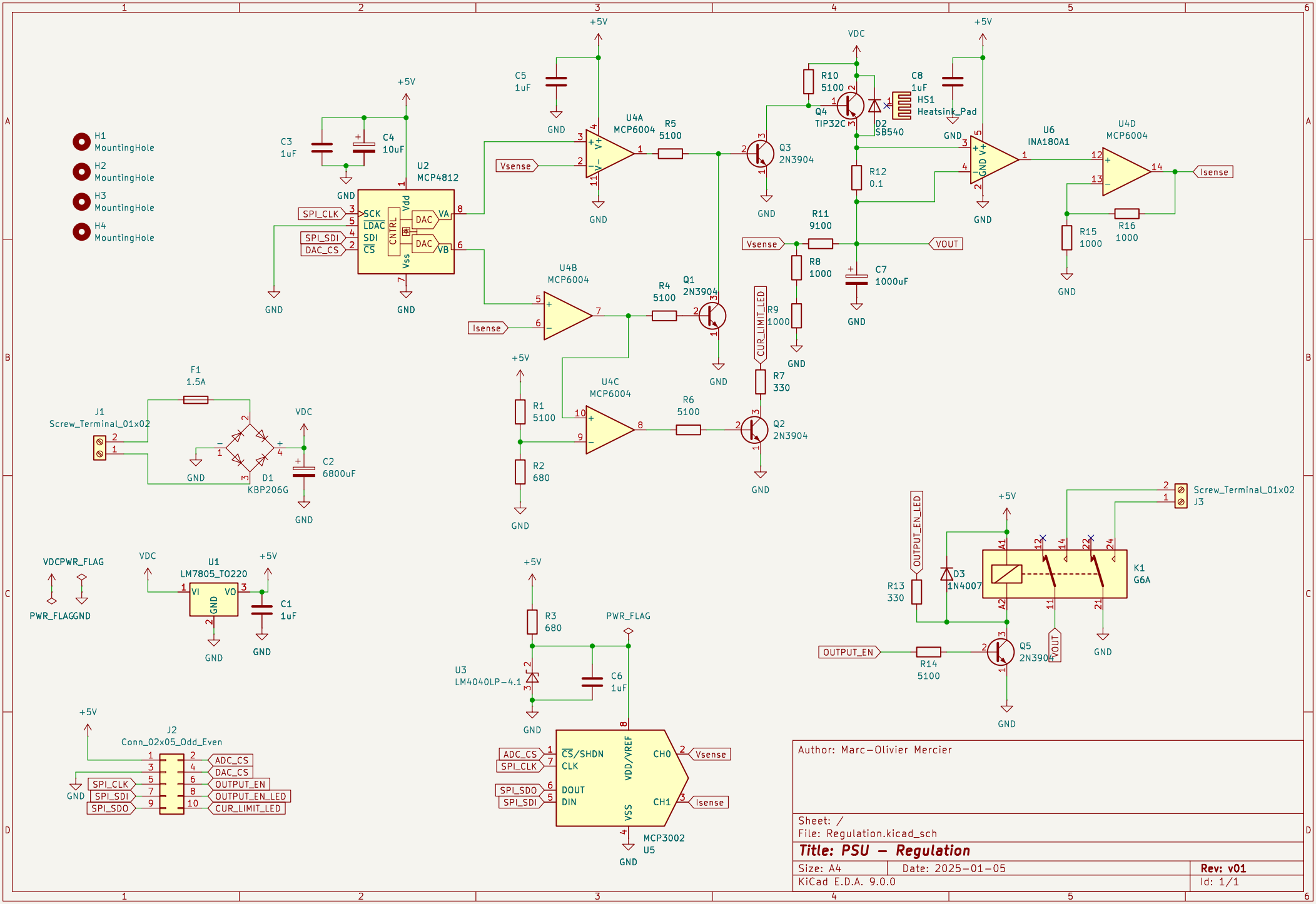
H1 MountingHole
H2 MountingHole
H3 MountingHole
H4 MountingHole
U2 MCP4812
SCK
LDAC
SDI
CS
CNTRL
Vdd
Vss
DAC
VA
VB
SPI_CLK
SPI_SDI
DAC_CS
C3 1uF
C4 10uF
+5V
GND
U4A MCP6004
U4B MCP6004
U4C MCP6004
U4D MCP6004
C5 1uF
R5 5100
R4 5100
R6 5100
Q1 2N3904
Q2 2N3904
Q3 2N3904
Vsense
Isense
R1 5100
R2 680
R7 330
CUR_LIMIT_LED
R9 1000
R8 1000
R11 9100
R12 0.1
R10 5100
Q4 TIP32C
D2 SB540
C8 1uF
HS1 Heatsink_Pad
VDC
U6 INA180A1
VOUT
C7 1000uF
R15 1000
R16 1000
F1 1.5A
J1 Screw_Terminal_01x02
D1 KBP206G
C2 6800uF
VDCPWR_FLAG
PWR_FLAGGND
U1 LM7805_TO220
VI
VO
C1 1uF
R3 680
U3 LM4040LP-4.1
C6 1uF
PWR_FLAG
ADC_CS
SPI_CLK
SPI_SDO
SPI_SDI
CS/SHDN
CLK
DOUT
DIN
VDD/VREF
VSS
CH0
CH1
MCP3002 U5
J2 Conn_02x05_Odd_Even
OUTPUT_EN
OUTPUT_EN_LED
CUR_LIMIT_LED
R13 330
D3 1N4007
K1 G6A
J3 Screw_Terminal_01x02
R14 5100
Q5 2N3904
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