HV | GLV

TS IN
Use 1% resistors
TS+ R1 330K
V_Cap 1.77V at 50.4V
Vref
J1 Conn_01x02
TS+
TS−
R2 12K
R15 150
TS−

U1A LM358
5V+_Iso
5V−_Iso
R3 1K
U2 4N35
5V−_Iso
GLV+
GLV−
R6 12k
Q1 2N7002
R7 33K
C1 0.1uF
C2 0.1uF
U3 NE555D
TR VCC Q
CV DIS
R GND THR
22k R8
R9 220k
C3 1u
GLV+
GLV−

RED DRIVER
GLV+
10k R10
Q2 AO3401A
D1 VHI
R11 2k2
RED+
GLV−

TSMP
TS+
R12 2.2K R13 2.7K
R4 2.2K R5 2.7K
J2 Conn_01x02
TS−

Discharge Circuit
TS+
25W R14 1.2K
AIR_Sup+
K2 G2RL-1
D2 1N4148
TSAC_GLV−
TS−
Tap GLV− from inside the accumulator

I/O
J6 Conn_02x03_Counter_Clockwise
GRN+_Cockpit
RED+
GLV−
GRN+
AIR_Sup+
TSAC_GLV−

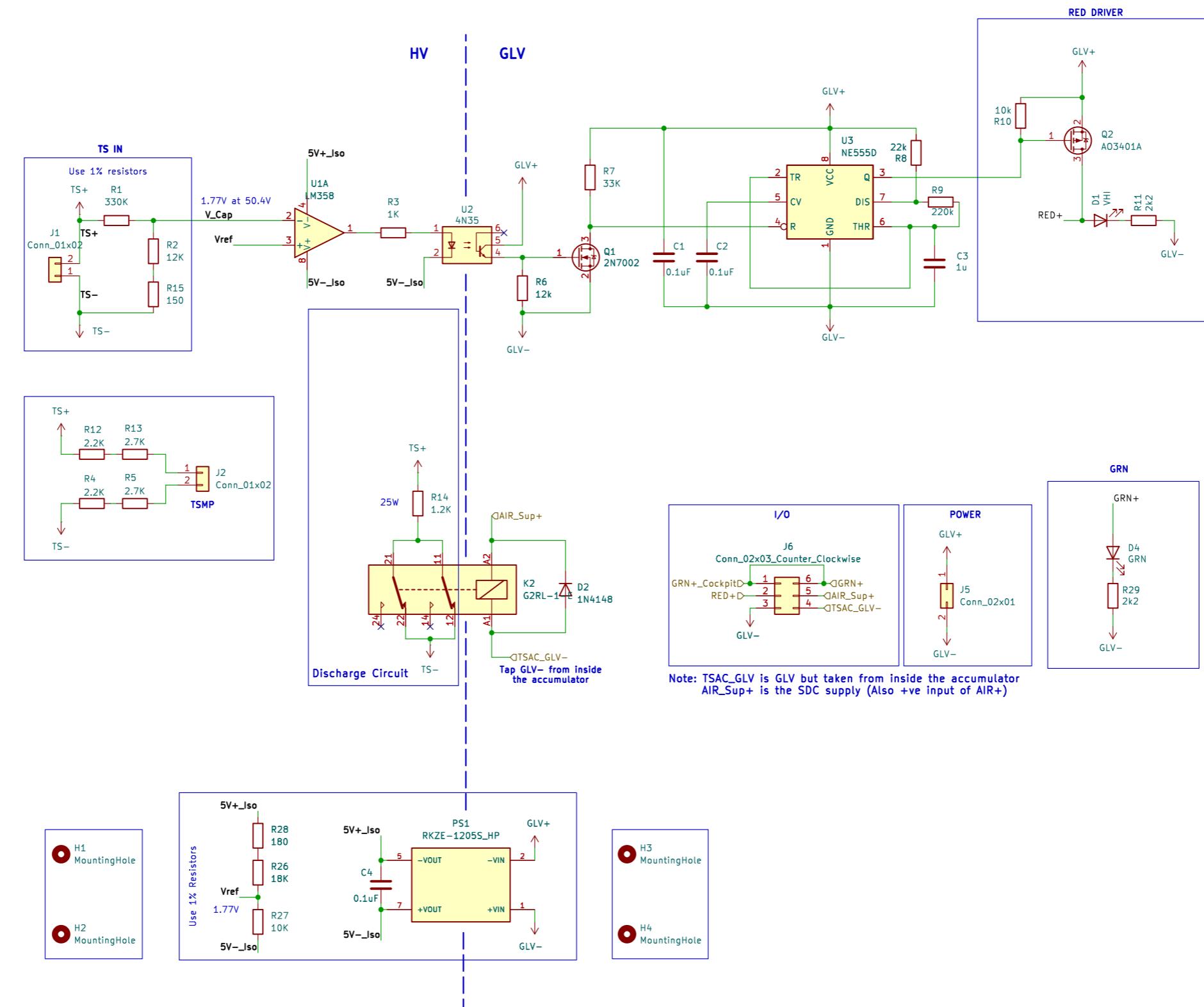**POWER**
GLV+
J5 Conn_02x01
GLV−

GRN
GRN+
D4 GRN
R29 2k2
GLV−

Note: TSAC_GLV is GLV but taken from inside the accumulator
AIR_Sup+ is the SDC supply (Also +ve input of AIR+)

H1 MountingHole
H2 MountingHole
H3 MountingHole
H4 MountingHole

5V+_Iso
R28 180
R26 18K
Vref 1.77V
R27 10K
5V−_Iso
Use 1% Resistors

PS1 RKZE-1205S_HP
C4 0.1uF
5V+_Iso −VOUT −VIN
5V−_Iso +VOUT +VIN
GLV+
GLV−