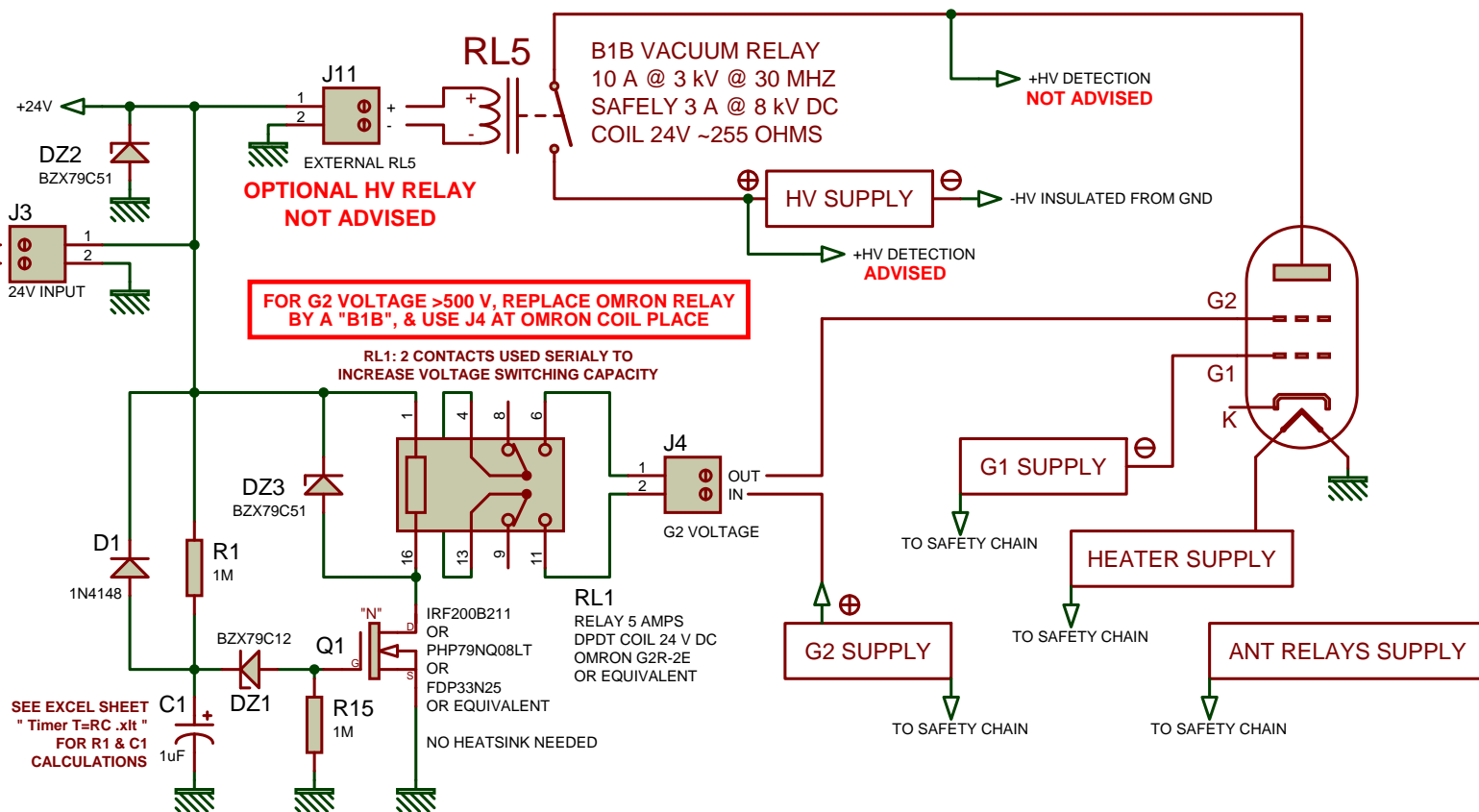


REV 7: NEW SCHEMATIC (SHUNT REGULATOR SIMILAR TO G2) FOR G1 BIAS +/- 15% TO +/- 30% ADJUSTMENT RANGE

TETRODE AMPLIFIER DESIGN SUITE

-550 V MAX G1 REGULATED SUPPLY & DETECTION

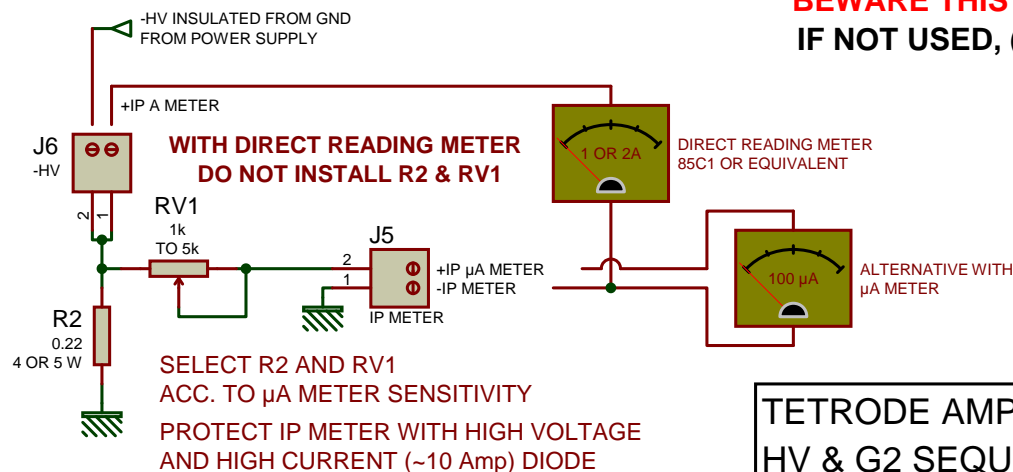
DATE: 16/08/22 REV: 7 PAGE: 1/3
 BY: f1frv@sfr.fr
 DOC N°: Amateur Radio



HV RELAY IS OPTIONAL, ONLY IF YOU WANT REMOVE HV WHEN ALL NECESSARY VOLTAGES ARE NOT OK (SAFETY CHAIN OPEN).

BEWARE THIS IS NOT ADVISED, AS RECTIFIERS DESTROYING SPIKES CAN OCCUR !!

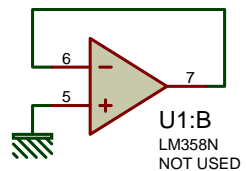
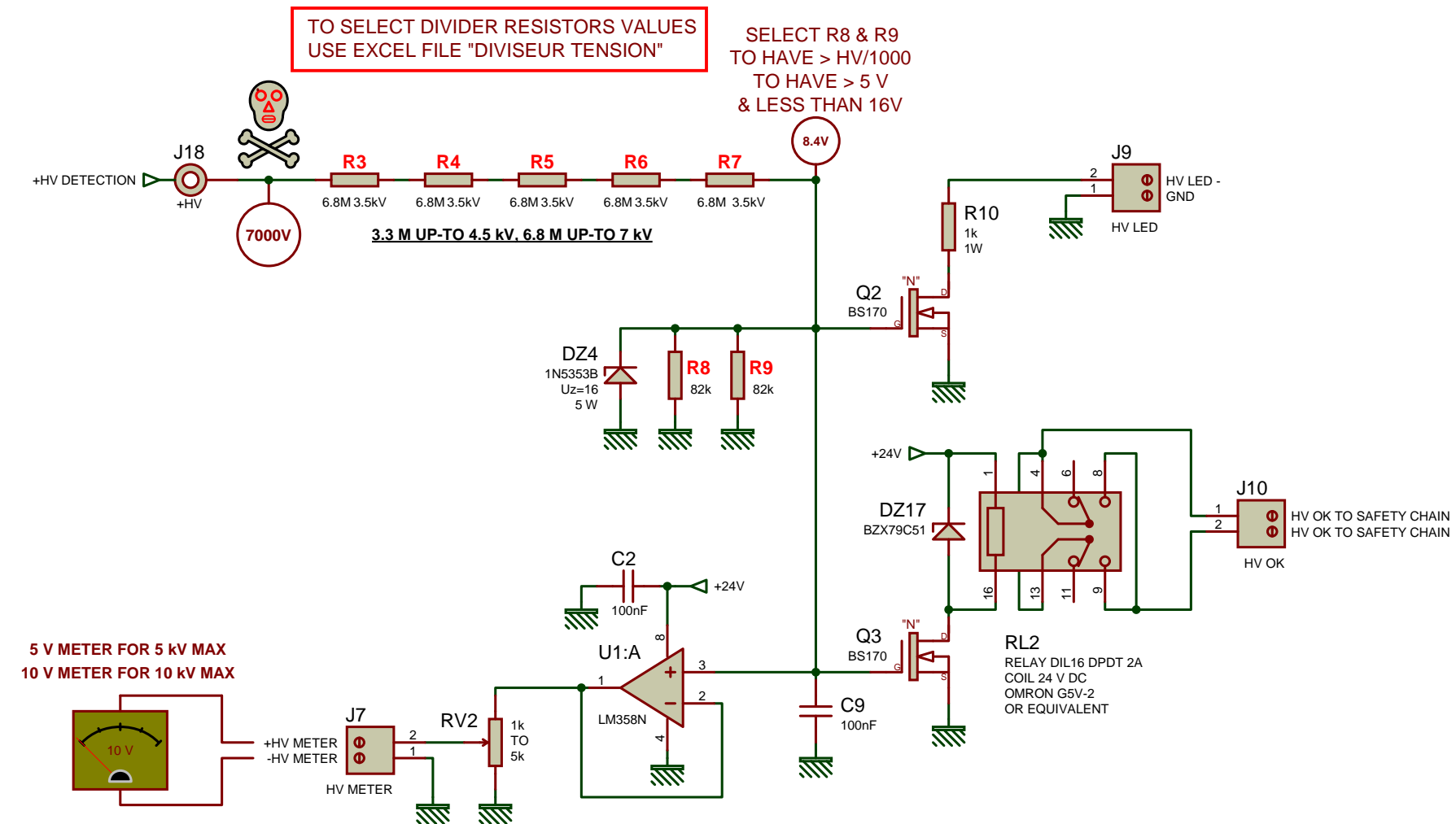
IF NOT USED, (ADVISED), JUST PICK-UP HV FOR DETECTION FROM HV CONNECTOR.



WHEN SAFETY CHAIN IS CLOSED, HV RELAY CLOSES WITHOUT DELAY.

G2 RELAY CLOSES ~ 1 SECOND AFTER HV RELAY.

IF SAFETY CHAIN OPENS, BOTH RELAYS OPENS WITHOUT DELAY.



TETRODE AMPLIFIER DESIGN SUITE HV DETECTION & METER

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