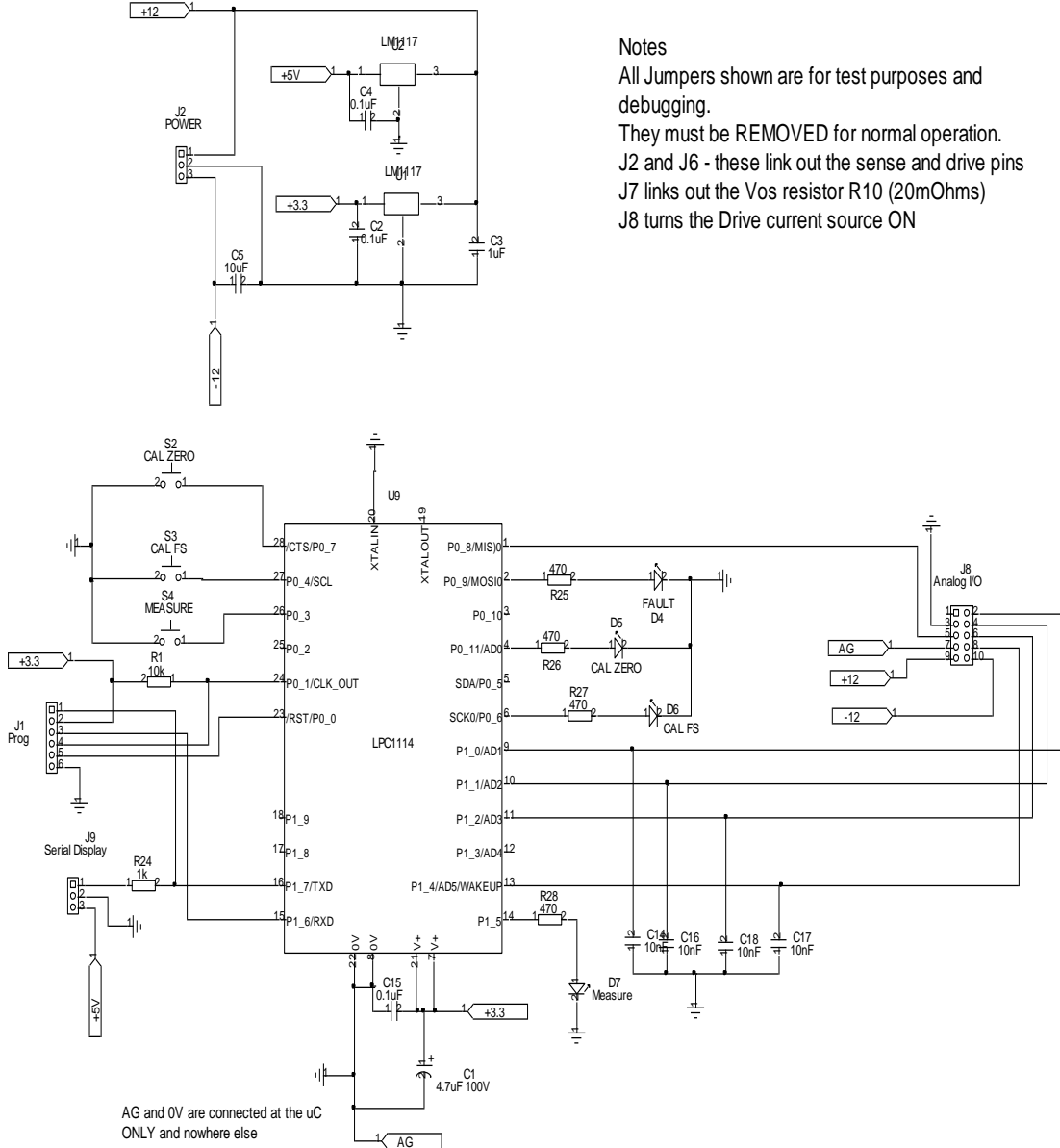


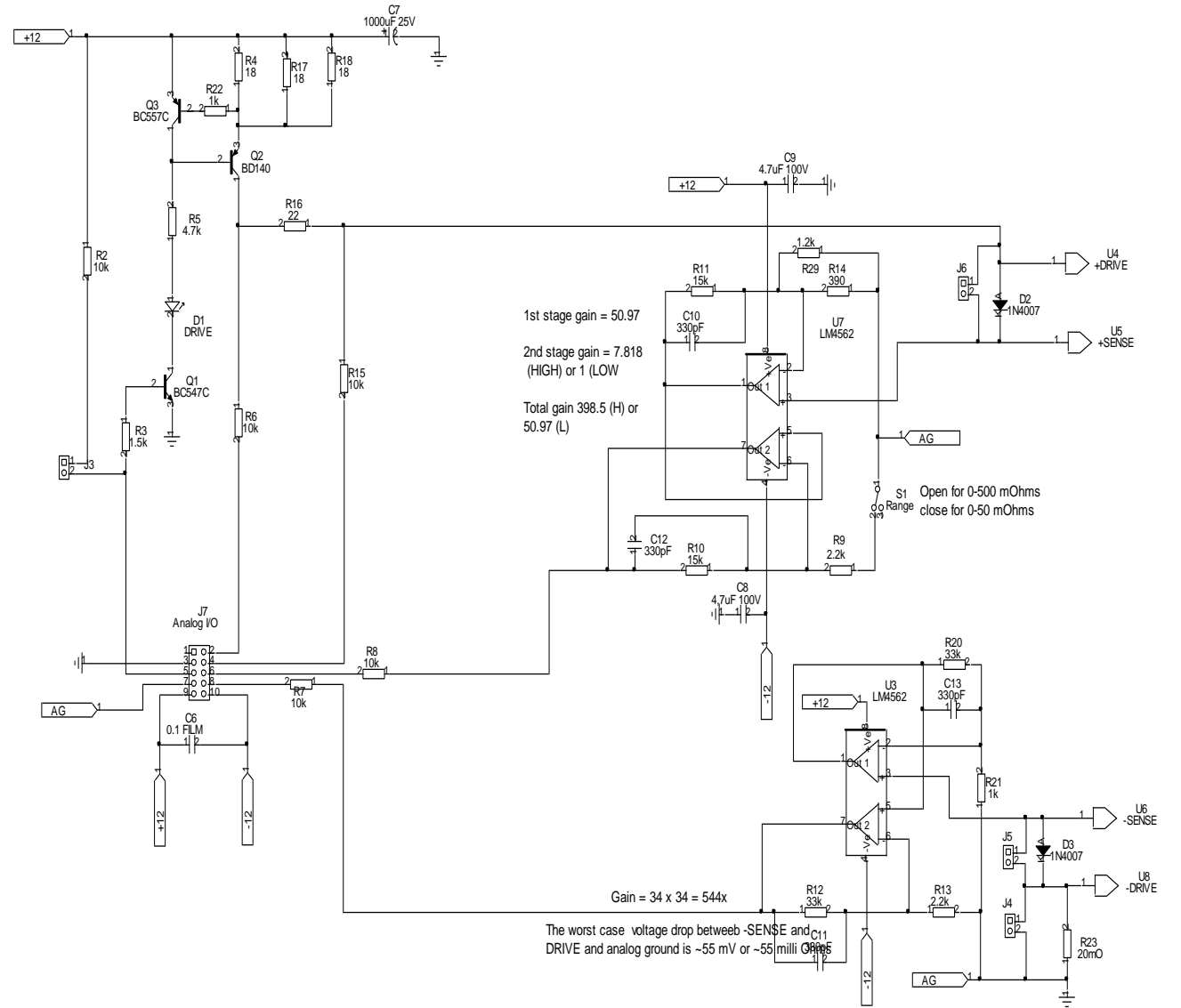
# LOWR

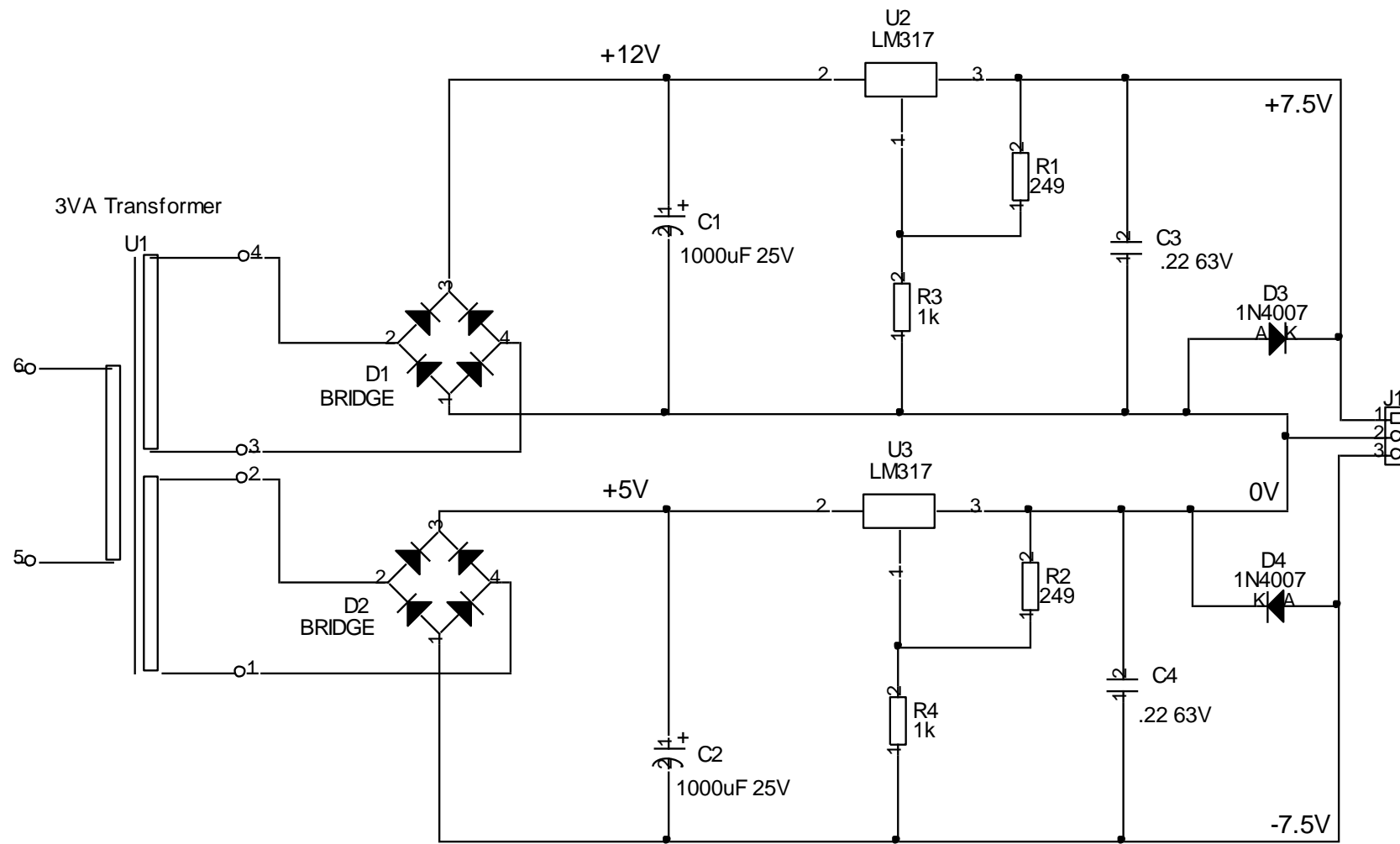
Low Resistance Meter

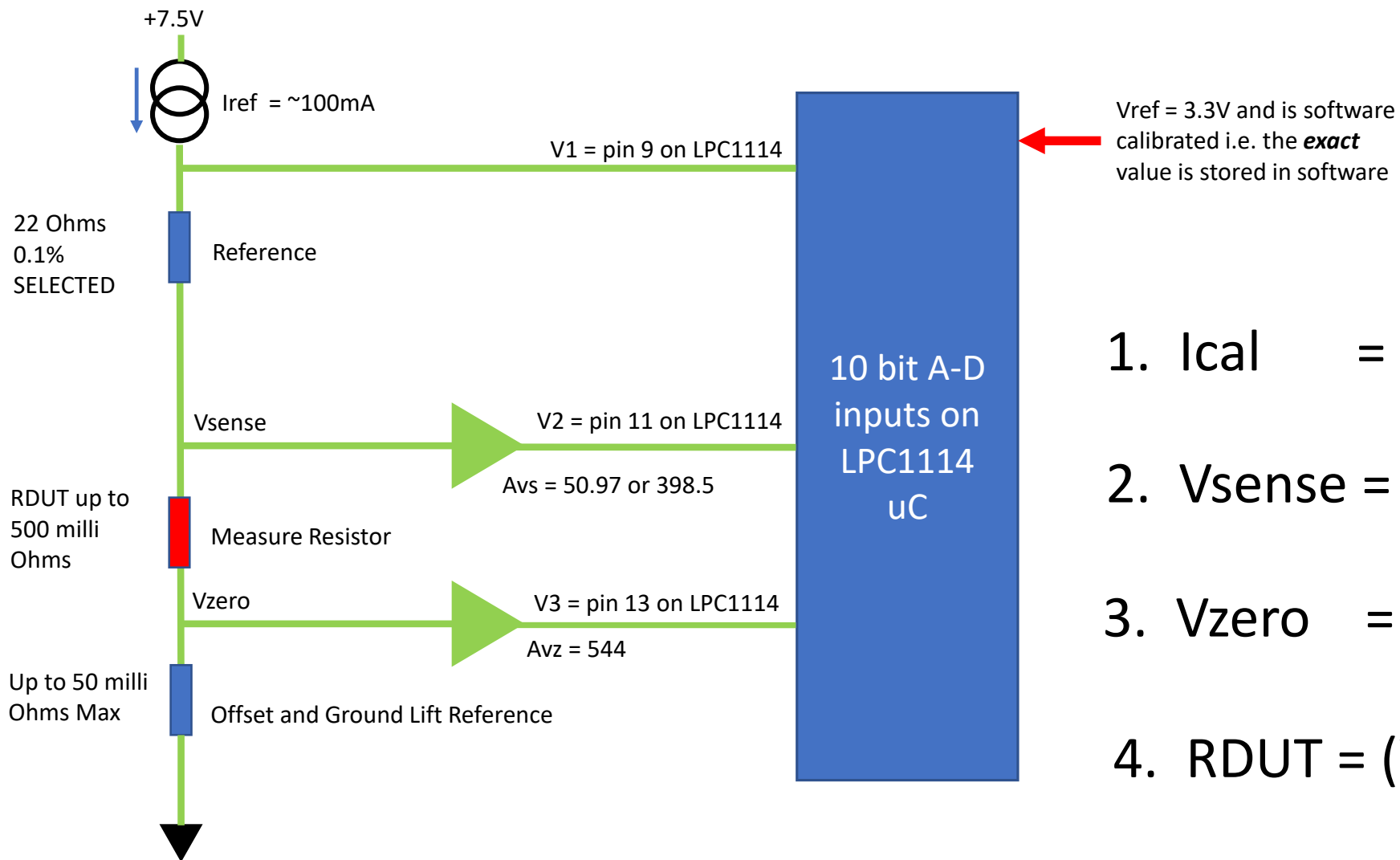
A two range low resistance measurement meter covering 0-50 mOhms and 0-500 mOhms with a full scale measurement accuracy of better than 3% and a resolution of 0.1 mOhms.



**Notes**  
 All Jumpers shown are for test purposes and debugging.  
 They must be REMOVED for normal operation.  
 J2 and J6 - these link out the sense and drive pins  
 J7 links out the Vos resistor R10 (20mOhms)  
 J8 turns the Drive current source ON







$$1. \quad I_{cal} = (V_1 - V_2)/22$$

$$2. \quad V_{sense} = V_2/A_{vs}$$

$$3. \quad V_{zero} = V_3/A_{vz}$$

$$4. \quad RDUT = (V_{sense} - V_{zero})/I_{cal}$$