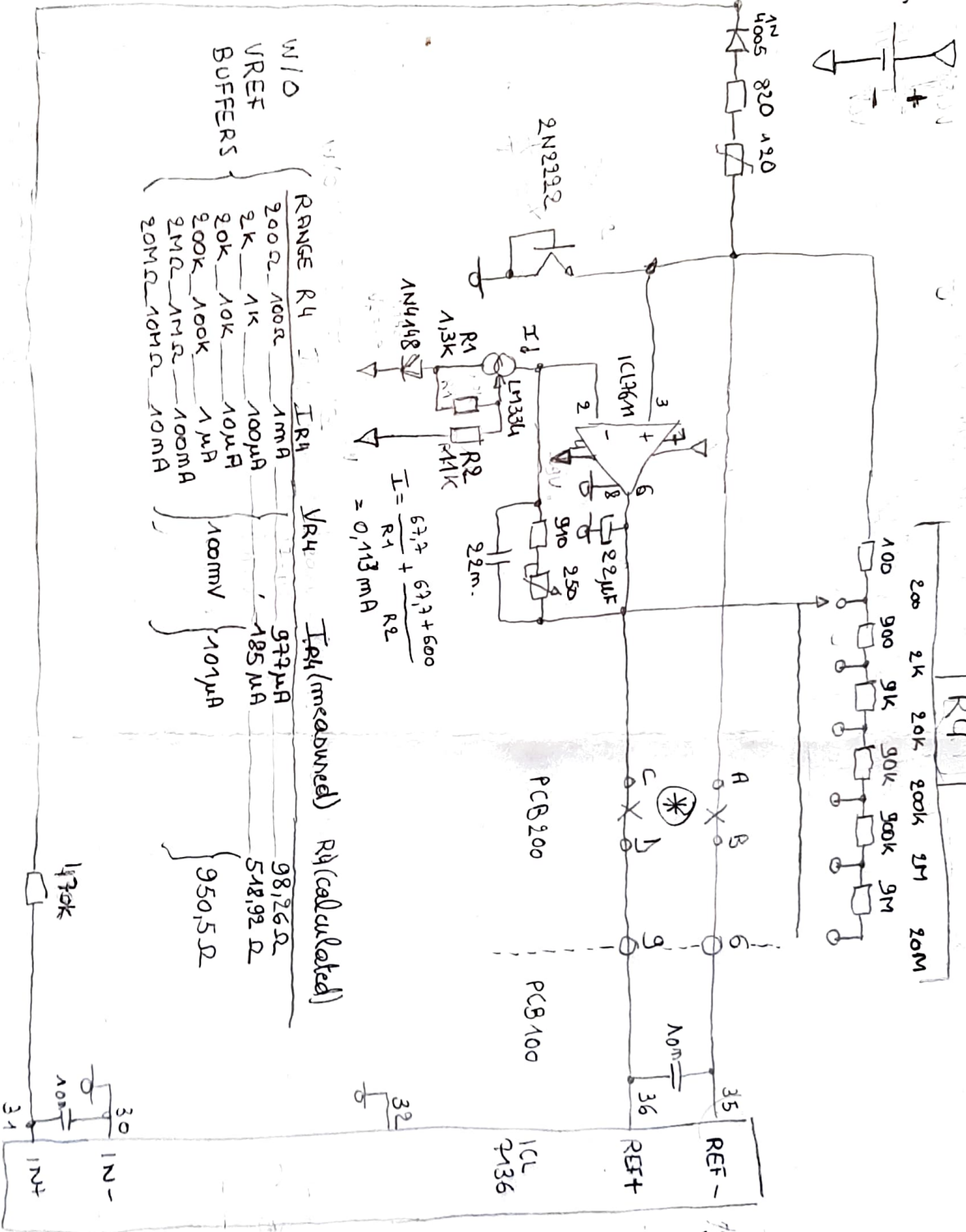


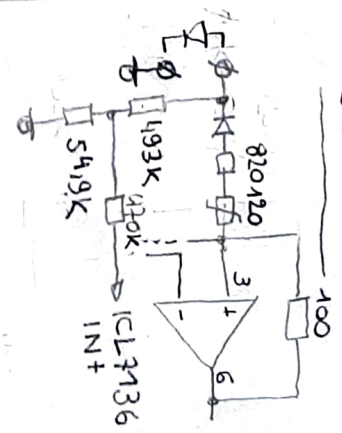
BATT. 9V



| W/O     | RANGE R4 | I <sub>R4</sub> | V <sub>R4</sub> | I <sub>F4</sub> (measured) | R <sub>4</sub> (calculated) |
|---------|----------|-----------------|-----------------|----------------------------|-----------------------------|
| VREF    | 200Ω     | 100μA           | 100mV           | 977μA                      | 98726Ω                      |
| BUFFERS | 2K       | 10μA            | 100mV           | 185μA                      | 54892Ω                      |
|         | 20K      | 100K            | 100mV           | 101μA                      | 95052Ω                      |
|         | 200K     | 100K            | 100mV           |                            |                             |
|         | 2MΩ      | 1MΩ             | 100mV           |                            |                             |
|         | 20MΩ     | 10MΩ            | 100mV           |                            |                             |

$$I = \frac{677}{R_1} + \frac{677 + 600}{R_2} = 0.113 \text{ mA}$$

DIODE TEST



VREF BUFFERING

