1. Shottky diode type 1N5819, IAV= 1 A, UBR= 40 V.

2. Diode 1N4007, Iav= 1 A, Uav= 1000 V.

3. LED white 5 mm 9000 mcd, UF= 4 V, IAV= 100 mA.

4. LED red 10 mm, UF= 1,9 V, IAV= 20 mA.

5. Zenerova diode 1N5337, Uz= 4,7 V, Izmax= 1 A, Pmax= 5 W.

Measure sample 1 and 2. Compare the voltage thresholds. Compare the differential resistances. Make a plot with both characteristic up to IAV.

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Measure sample 3 and 4. Compare the voltage thresholds. Compare the differential resistances. Make a plot with both characteristic up to IAV.