

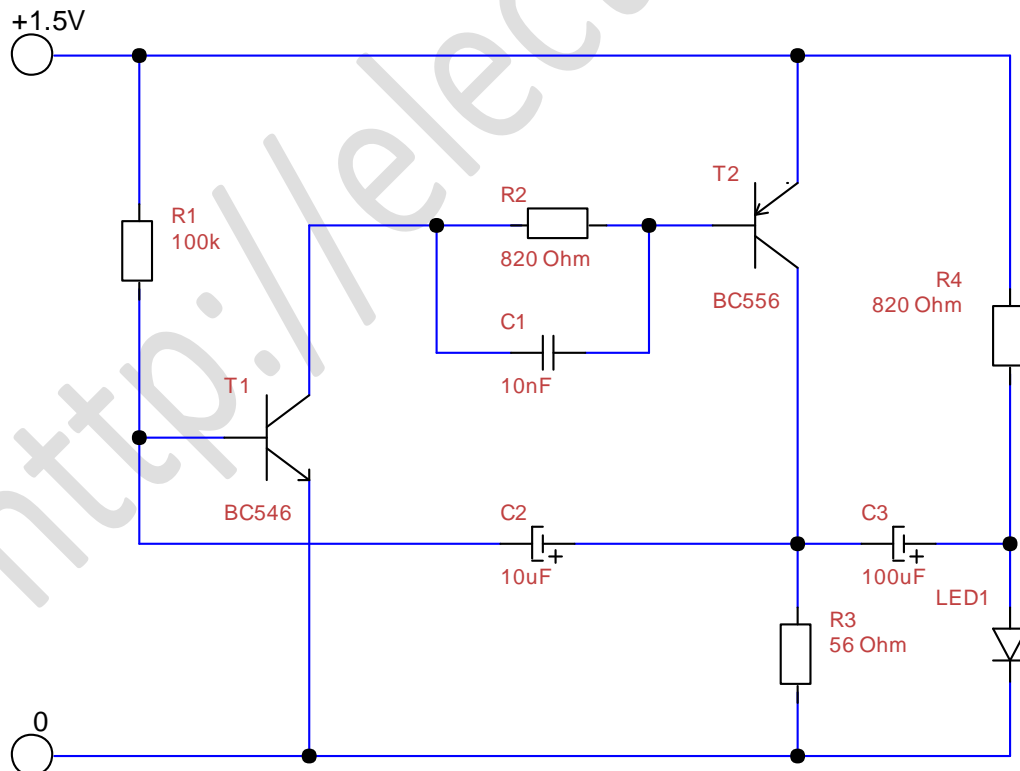


Proiectul prezinta un licurici electronic cu un singur LED alimentat la 1.5V. Acesta are la baza doi tranzistori bipolari, unul PNP(BC556) si unul NPN(BC546). Consumul acestuia este de numai 2mA. Circuitul poate fi folosit in diverse aplicatii, avand un consum mic.

Lista de componente necesare:

- 1 x Placa de test tip breadboard + fire de legatura
- 1 x R1 = 100k
- 1 x R2 = 820 Ohm
- 1 x R3 = 56 Ohm
- 1 x R4 = 820 Ohm
- 1 x T1 = BC546
- 1 x T2 = BC556
- 1 x C1 = 10nF
- 1 x C2 = 10uF
- 1 x C3 = 100uF
- 1 x LED
- 1 x Contact terminal

Pentru o mai buna intelegere a functionalitatii circuitului si pentru a realiza acest montaj pe breadboard vom avea nevoie de schema electronica prezentata mai jos:



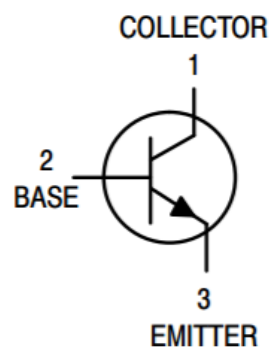
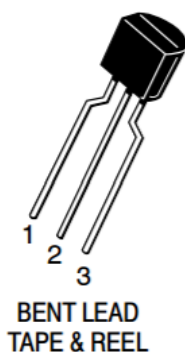
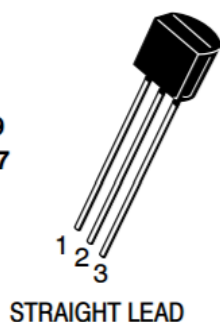


Codul culorilor pentru rezistente se gaseste la adresa de mai jos. De asemenea, pentru identificarea rezistentelor puteti descarca programe similare si de pe alte site-uri.

<http://electrokits.ro/apps/codul-culorilor-pentru-rezistente.zip>

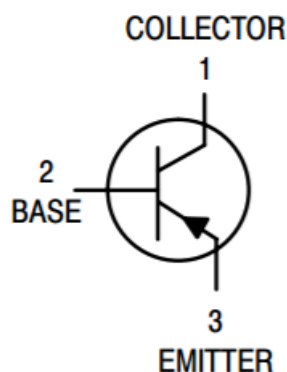
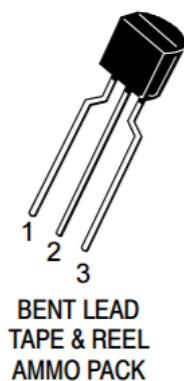
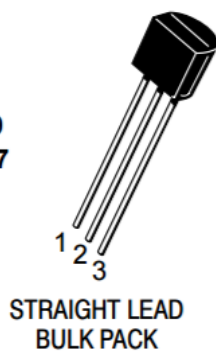
Configuratii pini BC546:

**TO-92
CASE 29
STYLE 17**



Configuratii pini BC556:

**TO-92
CASE 29
STYLE 17**





Conexiuni interne breadboard:

