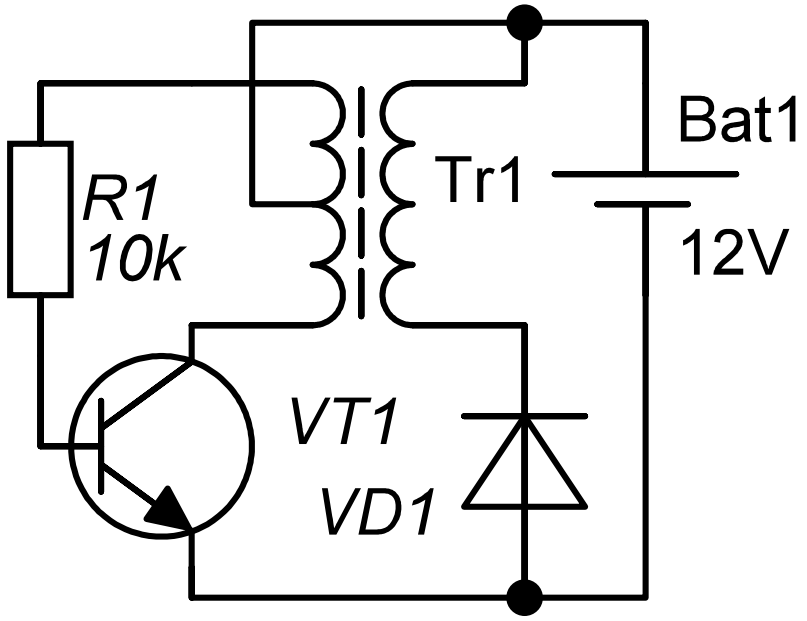

Bat1
Tr1
12V
R1
10k
VT1
VD1