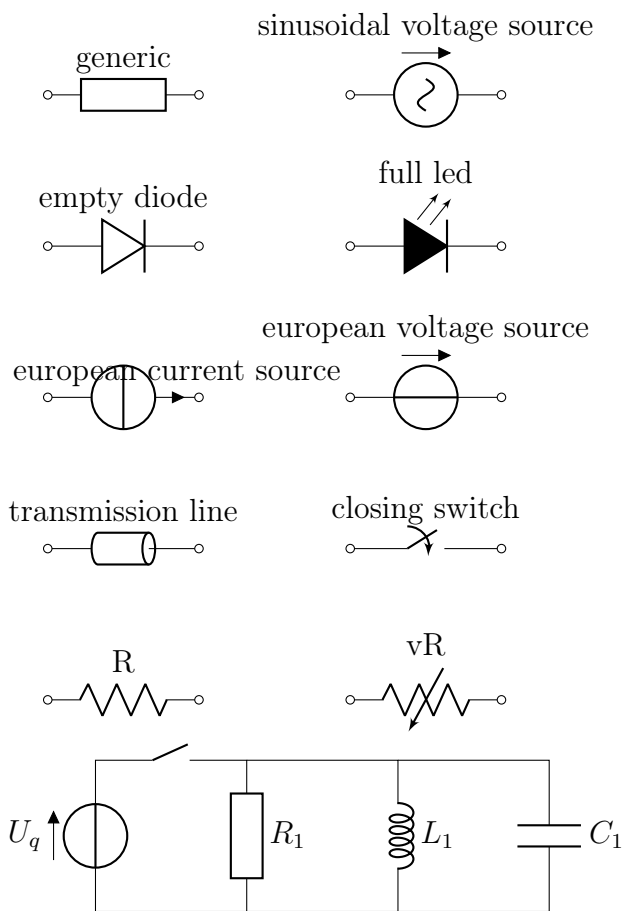


Tikz : electrical circuits

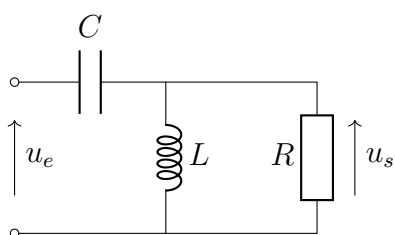


code :

```

1 \begin{circuitikz}
2   \draw (0,0)
3     to[V,v=$U_q$] (0,2) % The voltage source
4     to[nos] (2,2)
5     to[generic=$R_1$] (2,0) % The resistor
6     to[short] (0,0);
7   \draw (2,2)
8     to[short] (4,2)
9     to[L=$L_1$] (4,0)
10    to[short] (2,0);
11  \draw (4,2)
12    to[short] (6,2)
13    to[C=$C_1$] (6,0)
14    to[short] (4,0);
15 \end{circuitikz}
16

```



code :



```

1 \begin{circuitikz}
2   \draw (0,0) to [capacitor=$C$, o-] (2, 0)
3     to [L=$L$] (2, -2)
4     to [short, -o] (0, -2);
5   \draw (2, -2) to [short] (4, -2)
6     to [generic=$R$] (4, 0)
7     to [short] (2, 0);
8   \draw[->] (0, -1.5) -- node[right] {$u_e$} (0, -.5);
9   \draw[->] (4.5, -1.5) -- node[right] {$u_s$} (4.5, -.5);
10 \end{circuitikz}
11

```

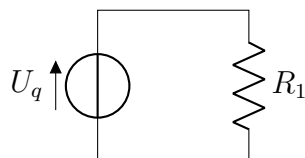


Figure 1: My first circuit.

