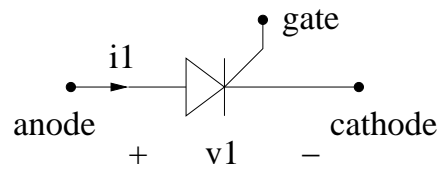


## rt\_thyristor\_g.ece



### Attributes

```
mainnodes: anode cathode
main_var: gate
rparms: ron=0.1m roff=10M g_high=1.0
```

### Description

`rt_thyristor_g.ece` is an idealized thyristor which behaves like a resistance  $R_{\text{on}}$  when it is on and  $R_{\text{off}}$  when it is off. If the value of the general variable `gate` is greater than `g_high/2`, the thyristor is triggered. The values of  $R_{\text{on}}$  and  $R_{\text{off}}$  are specified by the real parameters `ron` and `roff`, respectively.