

## diode\_spice\_1.ece

### Description

`diode_spice_1.ece` is a  $p$ - $n$  junction diode model. The real parameters have the same meaning as the diode model implemented in SPICE 3.

The diode current is made available as output variable `id`, and the power absorbed by the diode is made available as `pwr_elec`.

AC (small-signal) implementation of the model is also incorporated, following SPICE 3.