



diode_r.ece

Attributes

mainnodes: p n

outvar: i1=brc_of_s1 v1=brv_of_s1

rparms: ron=1.0 roff=1.0M

Description

diode_r.ece is an idealized diode connected between p and n. Its resistance is **ron** when the branch voltage ($v(p) - v(n)$) is positive and **roff** otherwise. The output variables **i1** and **v1** are the branch current and branch voltage, respectively.

AC is not implemented.