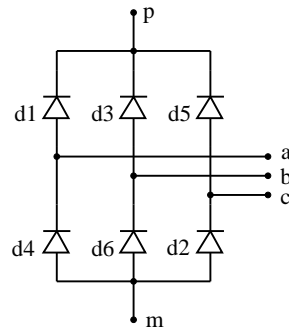


rt_diode_bridge_3p_1.ece



Attributes

mainnodes: a b p m
rparms: ron=1m roff=1M

Description

rt_diode_bridge_3p_1.ece is a diode rectifier in which the diodes are $R_{\text{on}}/R_{\text{off}}$ -type, **ron** and **roff** being the on- and off-state resistances, respectively. The turn-on voltage is assumed to be 0 V for the diodes.

The conduction pattern is assumed to be (D1,D2), (D1,D2,D2), (D2,D3), (D2,D3,D4), (D3,D4), (D3,D4,D5), (D4,D5), (D4,D5,D6), (D5,D6), (D5,D6,D1), (D6,D1), and (D6,D1,D2). This pattern is relevant when source inductances are present in the circuit.