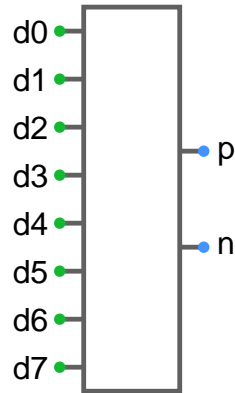


dac8.ece



Attributes

```
mainnodes: p n  
digital_nodes: d0 d1 d2 d3 d4 d5 d6 d7  
rparams: vref=5.0
```

Description

dac8.ece is an ideal 8-bit DAC. The output voltage – which appears between nodes **p** and **n** – is given by

$$V_{\text{out}} = \frac{V_{\text{ref}}}{2^8} \sum_{i=0}^7 2^i d_i . \quad (1)$$