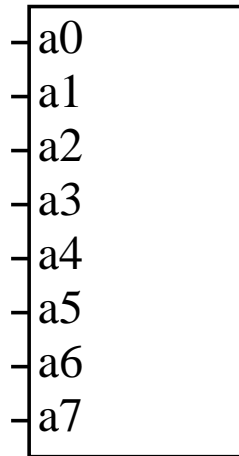


decimal_8.dce



Attributes

```
mainnodes: a0 a1 a2 a3 a4 a5 a6 a7
outvar: st0=dstate_of_dec0
rparms: dly=1n
```

Description

`decimal_8.dce` is used to convert an 8-bit binary number into its decimal equivalent. The input nodes of the element are `a7`, `a6`, `a5`, `a4`, `a3`, `a2`, `a1`, `a0`, with `a7` as the MSB and `a0` as the LSB. The decimal number (integer) corresponding to the input node vales is made available as the state `st0` of the element and can be saved in a file by selecting it as an output variable in a simulation.