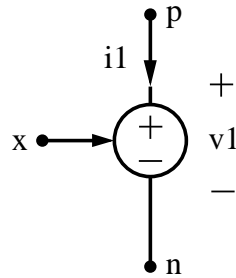


`vsrc_1.ece`



### Attributes

```
mainnodes: p n
outvar: i1=cur(p)_of_v0 v1=v1_of_v0
main_var: x
outvar_ac: i1ac=cur(p)_of_v0
```

### Description

`vsrc_1.ece` is a voltage source connected between nodes **p** and **n**. Its voltage is equal to the value of the general variable **x**.

The output variables **i1** and **v1** are the branch current and branch voltage, respectively.

A similar relation holds for AC except that the voltage and **x** are complex numbers. The output variable **i1ac** is the AC branch current.