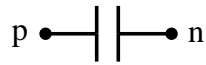


`c_pu.ece`



Attributes

```
mainnodes: p n
outvar: i1=cur(p)_of_c1 v1=v1_of_c1
stparms: v0sv=0
rparms:
+   x_pu=1
+   f_b=50
+   k_scale=1
```

Description

`c_pu.ece` is a capacitor connected between nodes **p** and **n**. The capacitance is specified as a per unit value (**x_pu**), with **f_b** as the base frequency. **v0sv** is used to specify the “start-up” value of the capacitor voltage in startup simulation. The output variables **i1** and **v1** are the branch current and branch voltage, respectively.

The real parameter **k_scale** is used to scale the capacitance value by a constant.

AC behaviour is not implemented.