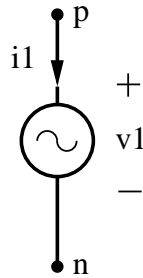


## rt\_vsorcac\_tbl.ece



### Attributes

```
mainnodes: p n
iparms: tbl_index=1
rparms:
+   a=0
+   f_hz=1
+   phi=0
+   t0=0
+   vdc=0
+   rt_delt1=50u
```

### Description

`rt_vsorcac_tbl.ece` is an AC voltage source connected between nodes **p** and **n**. The real parameters, **a**, **f\_hz**, **phi**, and **t0** represent  $A$ ,  $f$ ,  $\phi$ , and  $t_0$ , respectively, in the following equation for the source voltage:

$$V_s(t) = A \sin(2\pi f(t - t_0) + \phi) .$$

The real parameter **rt\_delt1** should be set to the time step used in the circuit file.

The integer parameter **tbl\_index** is used internally as an index for storing the table of values for this source for one period.