

`vsrccac.gce`

Attributes

```
mainvars: x  
rparms: a=0 f_hz=1 phi=0 t0=0 offset=0
```

Description

`vsrccac.gce` is an AC source. The real parameters, `a`, `f_hz`, `phi`, `t0`, and `offset`, represent A , f , ϕ , t_0 , and V_0 , respectively, in the following equation:

$$x(t) = A \sin(2\pi f(t - t_0) + \phi) + V_0.$$

Note that the value of `phi` needs to be supplied in degrees. It is internally converted to radians. In AC analysis, `vsrccac.gce` behaves as a source $A\angle\phi$.