

## `ground.ece`

### Description

`ground.ece` is required to be connected to one of the electrical nodes in the circuit. If there are no electrical elements in the circuit, ground is not required.

The purpose of the ground element is to designate a node (to which it is connected) as the “reference node.” Without a reference node, the simulator cannot assemble the circuit equations, and an error message will be displayed by the simulator.

One and only one ground element must be used. If you want to indicate that some other nodes in the circuit are also “ground” nodes, use `ground_dummy.ece`, and manually name those nodes as the same as the actual reference node.

An example of using `ground_dummy.ece` is given in the SEQUEL on-line manual.