

## Multisim Convergence Assistant Summary Report

### Convergence Assistant Summary Report

#### Outcome:

The Convergence Assistant was unable to correct the problem. Consult the help documentation for information about simulation errors and how to correct them.

#### Multisim Convergence Assistant Log

##### Step 1: Verifying Error Scenario

...completed.

##### Step 2: Setting parameter Integration Method (METHOD) to Gear

Simulating...

...completed. Simulation error still occurs.

##### Step 3: Setting parameter Initial Conditions to Set To Zero

Simulating...

...completed. Simulation error still occurs.

##### Step 4: Setting parameter Maximum Timestep (TMAX) to 1.0000e-04

Simulating...

...completed. Simulation error still occurs.

##### Step 5: Setting parameter Maximum Timestep (TMAX) to 1.0000e-03

Simulating...

...completed. Simulation error still occurs.

##### Step 6: Setting parameter Relative error tolerance (RELTOL) to 1.0000e-02

Simulating...

...completed. Simulation error still occurs.

##### Step 7: Setting parameter Shunt resistance from analog nodes to ground (RSHUNT) to 100000000

Simulating...

...completed. Simulation error still occurs.

##### Step 8: Setting parameter Shunt resistance from analog nodes to ground (RSHUNT) to 100000000

Simulating...

...completed. Simulation error still occurs.

##### Step 9: Setting parameter Shunt resistance from analog nodes to ground (RSHUNT) to 100000000

Simulating...

...completed. Simulation error still occurs.

Step 10: Setting parameter DC iteration limit (ITL1) to 200

Simulating...

...completed. Simulation error still occurs.

Step 11: Setting parameter DC iteration limit (ITL1) to 300

Simulating...

...completed. Simulation error still occurs.

Step 12: Setting parameter Minimum conductance (GMIN) to 1.0000e-07

Simulating...

...completed. Simulation error still occurs.

Step 13: Setting parameter Maximum Timestep (TMAX) to 1.0000e-04

Simulating...

...completed. Simulation error still occurs.

Step 14: Setting parameter Maximum Timestep (TMAX) to 1.0000e-05

Simulating...

...completed. Simulation error still occurs.

Convergence Assistant completed unsuccessfully.