

Capacitor

C

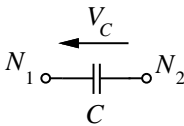


Figure 1: C — Capacitor Element.

Form: c:(instance name) n_1 n_2 (parameter list)
 n_1 is the positive element node,

n_2 is the negative element node.
Parameters:

| Parameter | Type | Default value | Required? |
|---|---------|---------------|-----------|
| c: Capacitance value (F) | DOUBLE | N/A | yes |
| int_g: Internal conductance value (S). | DOUBLE | 1e-08 | no |
| time_d:Flag, if true, calculate in the time domain. | BOOLEAN | false | no |

Example:
c:cload 4 9 c=20e-12 time_d=0
c:c1 2 3 c=20e-11 time_d=0

Notes:
This is the C element in the SPICE compatible netlist.

Version:
2000.09.01

| <i>Credits:</i> | | | |
|---|---------------------|-----------|--|
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