

An ngspice Quick Reference

JLRIpsn

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1 File Layout Summary

```
*Ngspice title and/or description (firstline)
.include jdirectory/filej

.param paramVal=10kV
Circuit layout
VName 0 node2 DC voltageForDCanalysis SIN(DCOpVoltage amplitudeVoltage
freq)

R1 0 node2 10k
C1 0 node1 10uF
L1 node1 node2 5mH

    *tests
.control
tran jtimeForTransientSimj jsimStepSizej
meas tran valName PP v(node1)
PP= peak to peak
echo "words"
plot v(node1)
.endc

.end
```

2 Basic Circuit Components

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3 Test and measurement basics

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