

Tutorial Simulation Files

The included simulation file contents are listed in the directory/file tree below:

Figure 19_1

- AC
 - Demonstration circuit AC
- DC
 - Demonstration circuit DC
- Distortion
 - Demonstration circuit
- Noise
 - Demonstration circuit noise
- Transient
 - Demonstration circuit sinewave
 - Demonstration circuit square

Figure 19_2

- A Weighting Filter
 - A Filter Subcircuit
 - A Weighting Filter

Figure 19_3

- DC Step
 - Demonstration circuit DC Step
- DC Sweep
 - Demonstration Circuit DC Sweep
- DC Transfer
 - Demonstration circuit DC Transfer
- Stepped Simulations
 - Demonstration circuit AC analysis & step
 - Demonstration circuit DC step ac
 - Demonstration circuit Noise analysis & step
 - Demonstration circuit Step ac BF
 - Demonstration circuit Step ac TF
 - Step Param C

Figure 19_4

- Wingspread
 - Wingspread

Figure 19_5

- Beta vs Ic
 - Beta vs Ic
- Gummel Plot
 - Gummel Plot

Figure 19_6

- Beta vs Ic
 - Beta vs Ic

gm vs Ic
gm vs Ic
Figure 19_7
AC
Amplifier AC
CCIF IM
Amplifier CCIF IM
Damping factor
Amplifier Damping Factor
Amplifier DF with network
DC
Amplifier DC
Harmonic Distortion
Amplifier THD
Amplifier THD 20
Inferring OLG
Inferring loop gain with L
Inferring open loop gain
Out Stage Pwr Diss
Amplifier Power Diss
Signal to Noise
Amplifier 20 kHz Noise
Amplifier A Noise
Amplifier Wideband Noise
Square Wave
Amplifier Square Wave
Stability sweep
Amplifier Stability sweep 1
Amplifier Stability sweep 2
Amplifier Stability sweep 3
Transient
Amplifier Transient 1k clip
Amplifier Transient 1k clip plus
Amplifier Transient 1 kHz