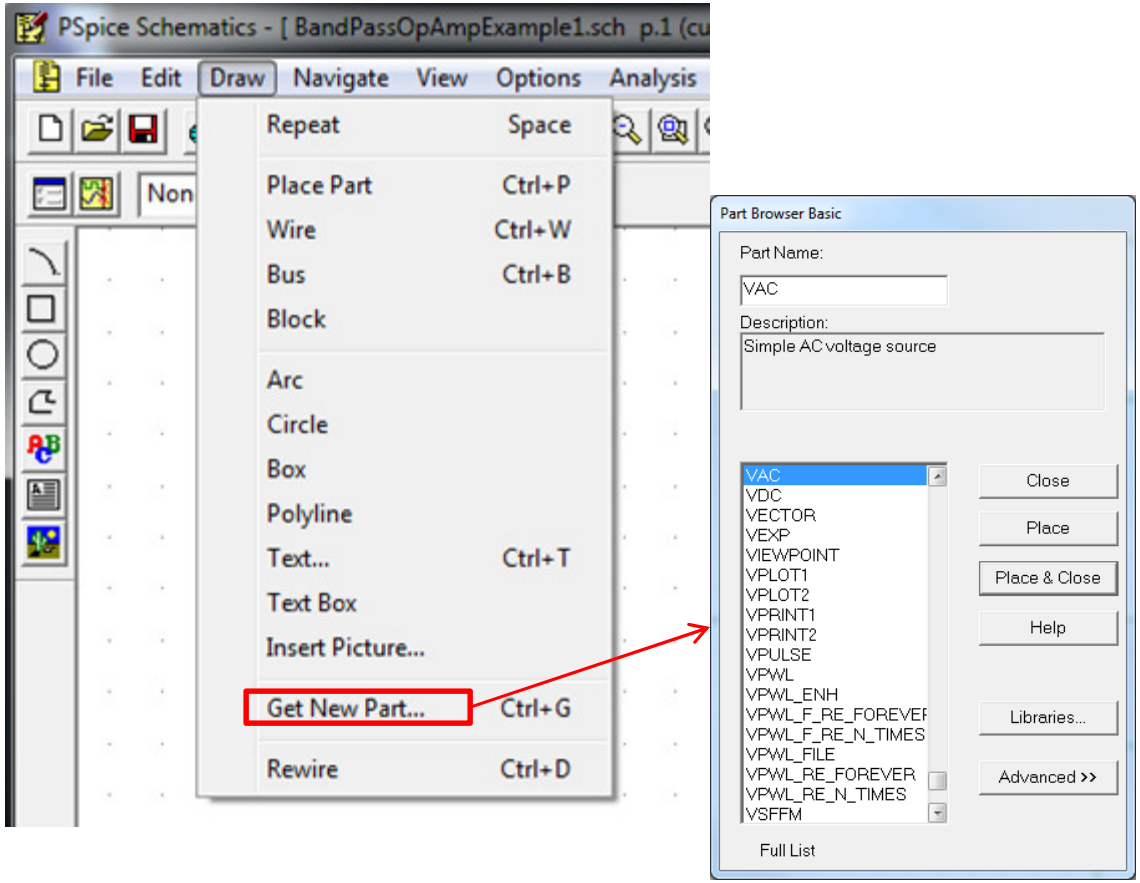
Open “Schematics” and place parts on the schematic diagram.

- Draw → Get New Part… will launch the Part Browser window to allow you to select parts:
- Part will follow your cursor and be placed when you click on the schematic.
- Right Click to quite the part
- CTRL-R will rotate the part
- CTRL-F will flip the part (mirror image)



Common Parts:

R = Resistor

C = Capacitor

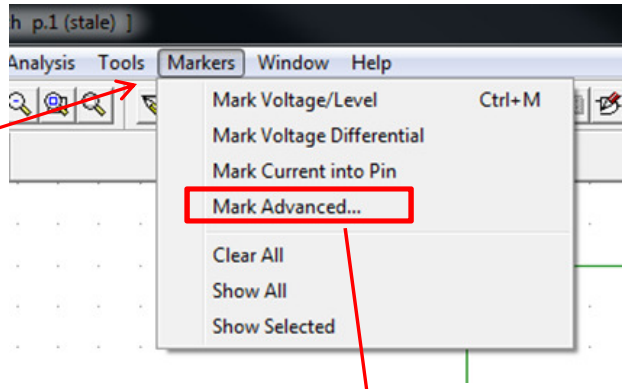
L = Inductor

VAC = AC Voltage Source

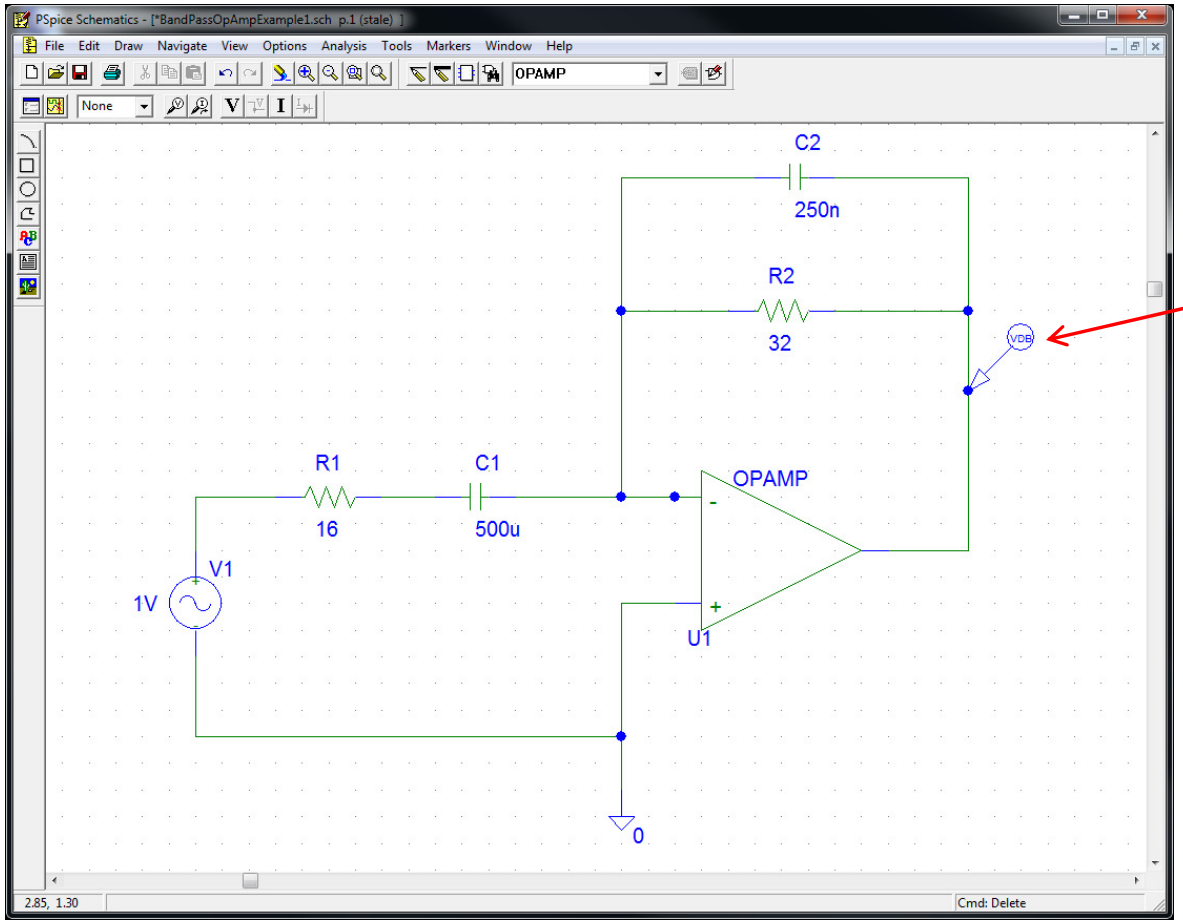
GND_ANALOG

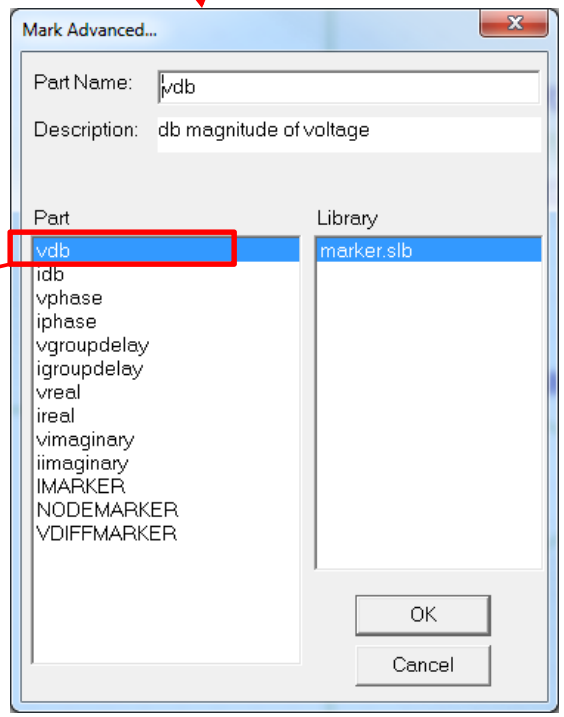
OPAMP

Place a Marker “vdb” to show the db Voltage in the output plots

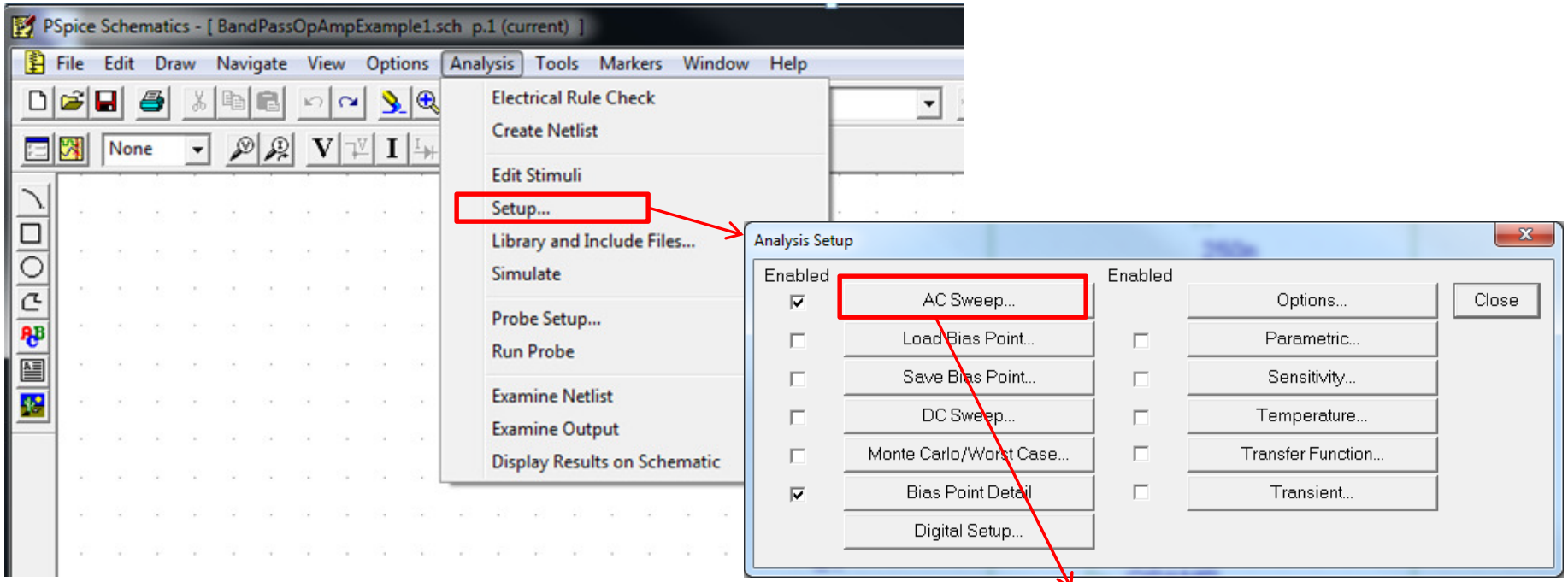


Example of a Active Band Pass filter with a 6 dB gain

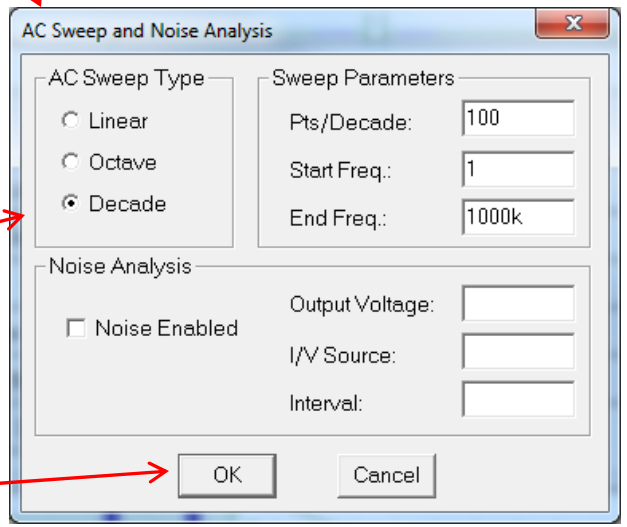




Under the Analysis Tab, select “Setup…”
This will open the Analysis Setup window. Check to box for AC Sweep…



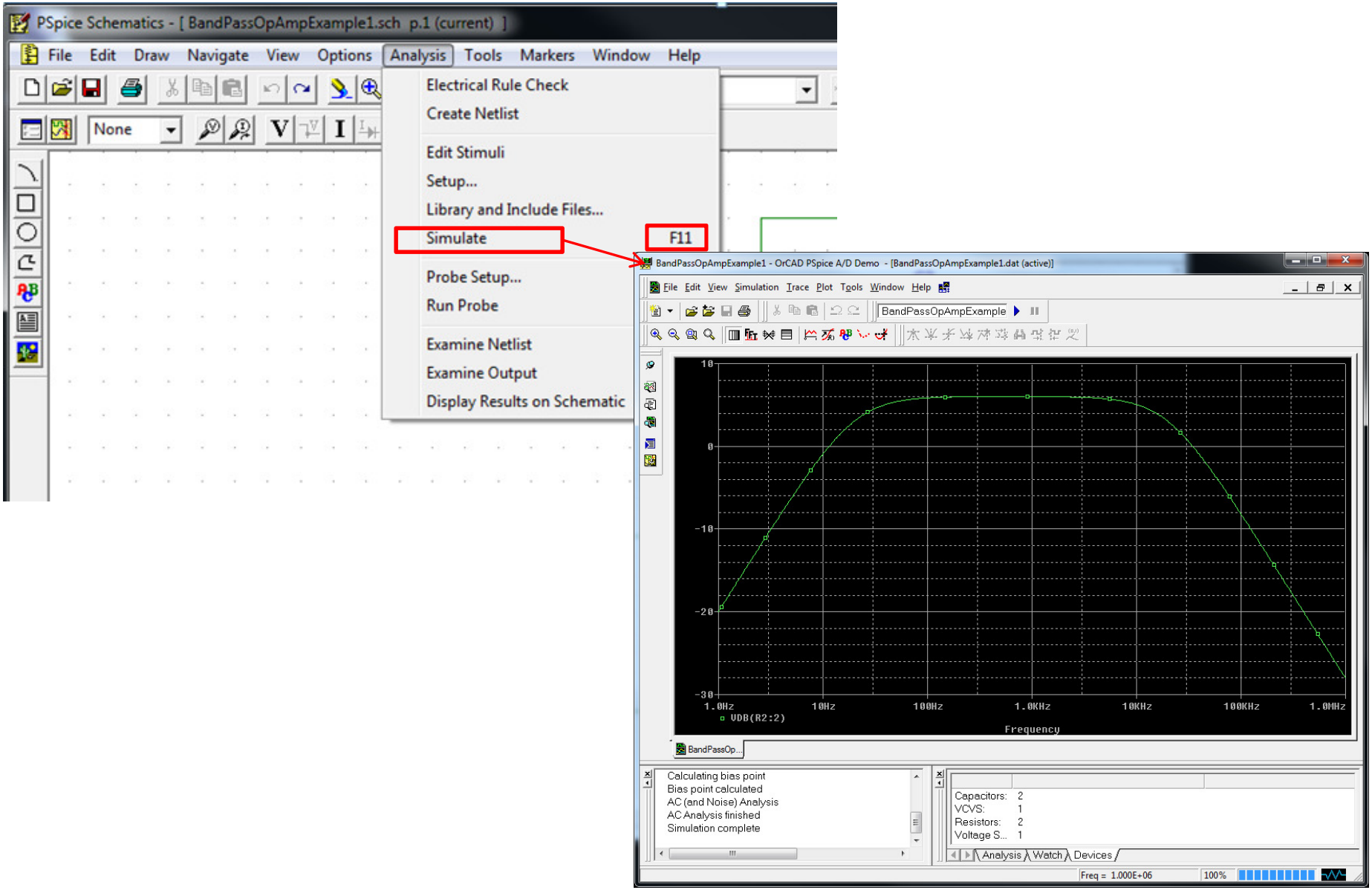
In the Analysis Setup window, click on “AC Sweep… to open the “AC Sweep and Noise Analysis Window”



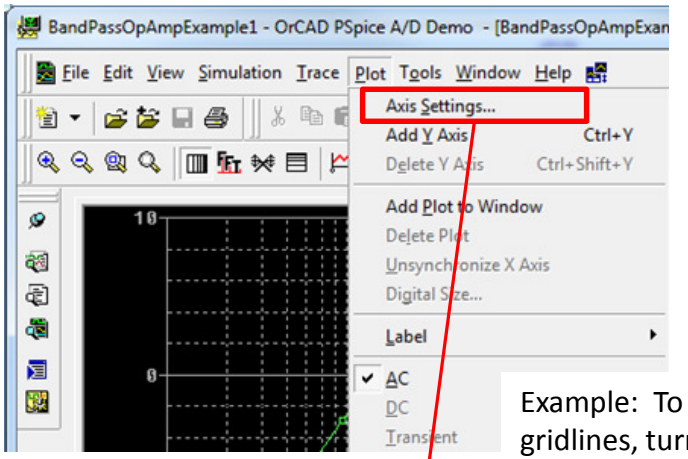
Set the range you want to sweep over. I’d pick sweep type of Decade for about 100 pts/decade. Start and End frequencies should be about 1 or 2 decades above the cutoff frequencies you are interested in to get a good plot. You can go back and change this to change the range of the plots

Select OK when done editing

Under the Analysis Tab, select “Simulate” (or just hit F11)
This will open the plot window



You can configure the plot under the “Plot Tab”



Example: To see the X-axis “log” gridlines, turn “Automatic” off and select Intervals between Major of 10 for the Minor gridlines.