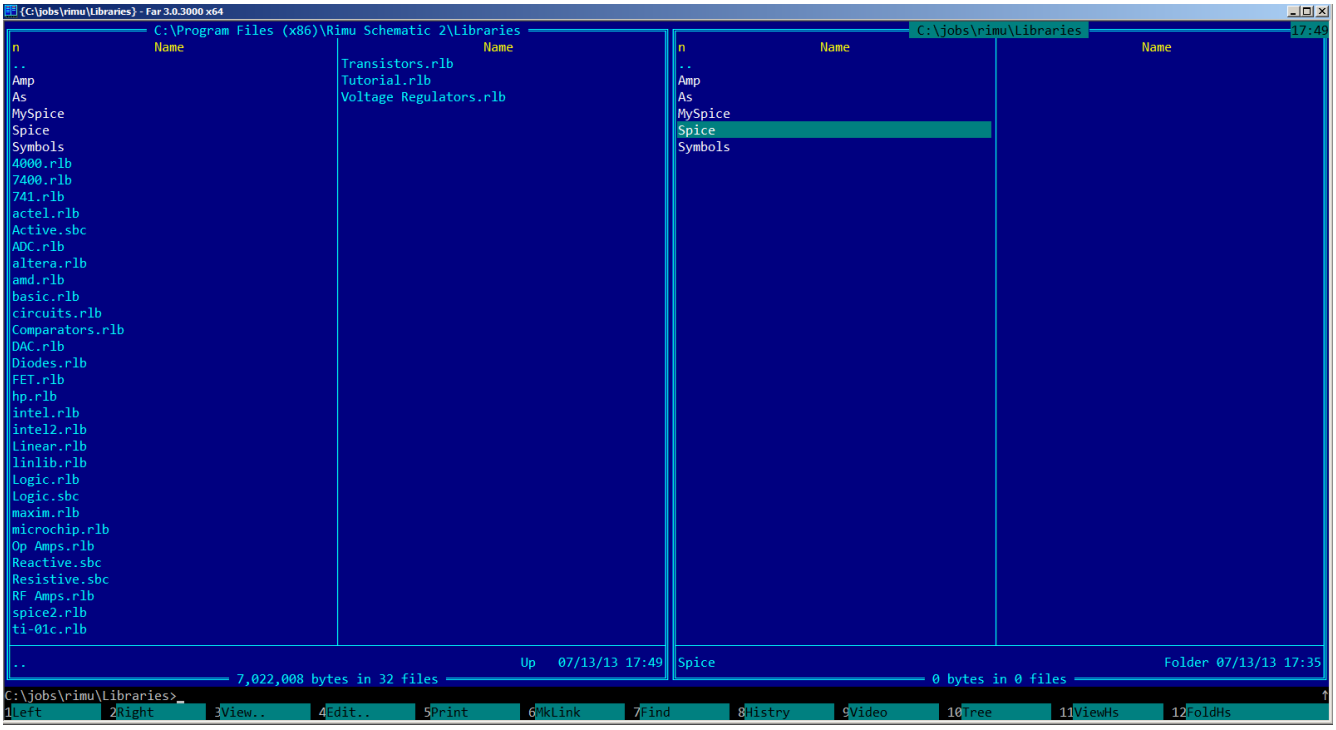
Table of Contents

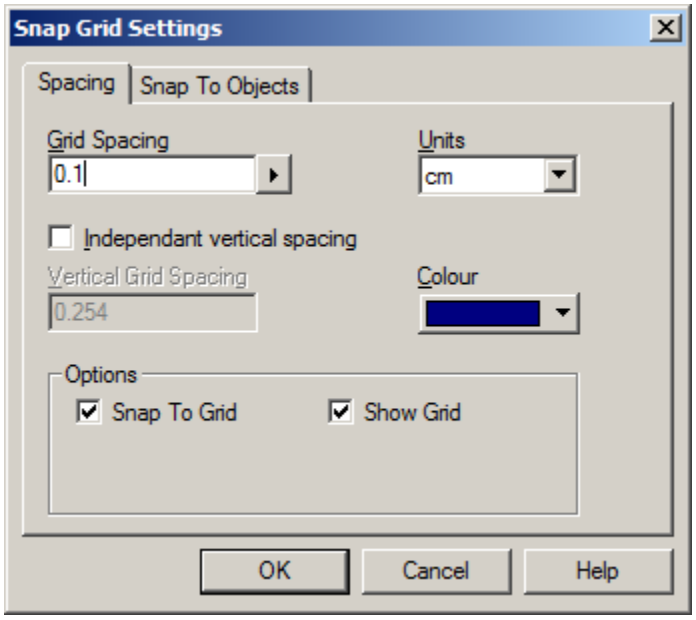
Libraries 2

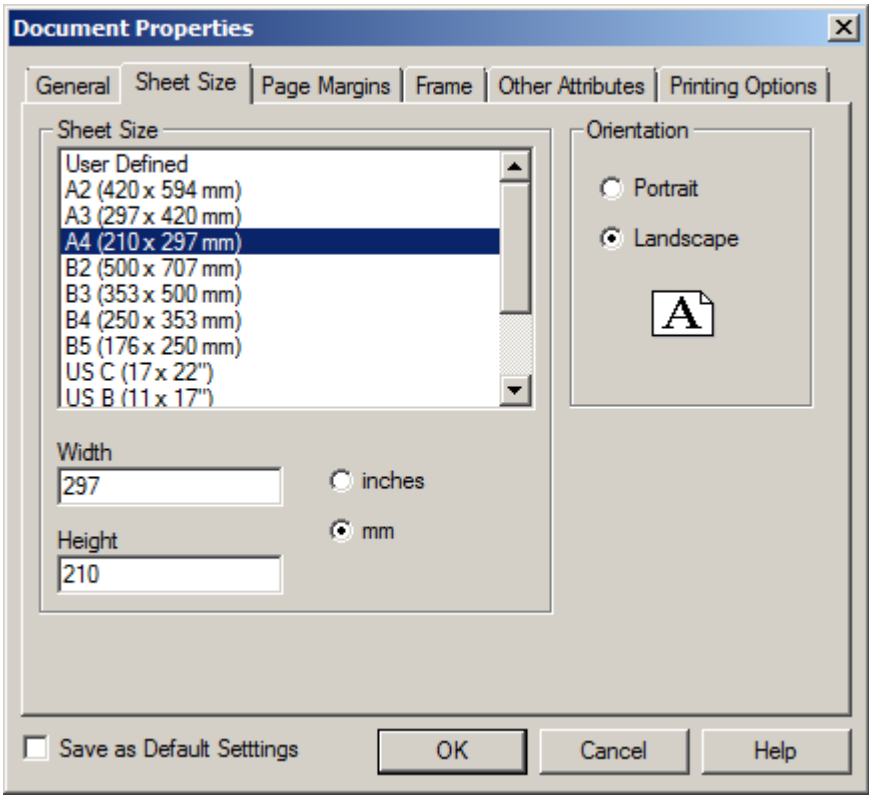
Libraries

Copy from here to there

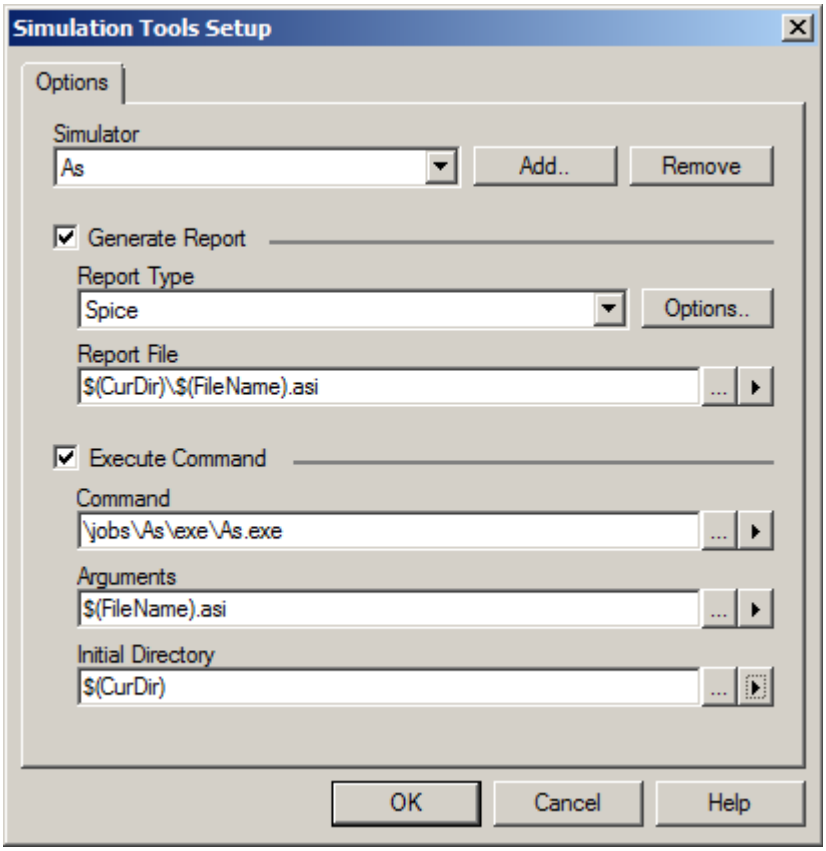


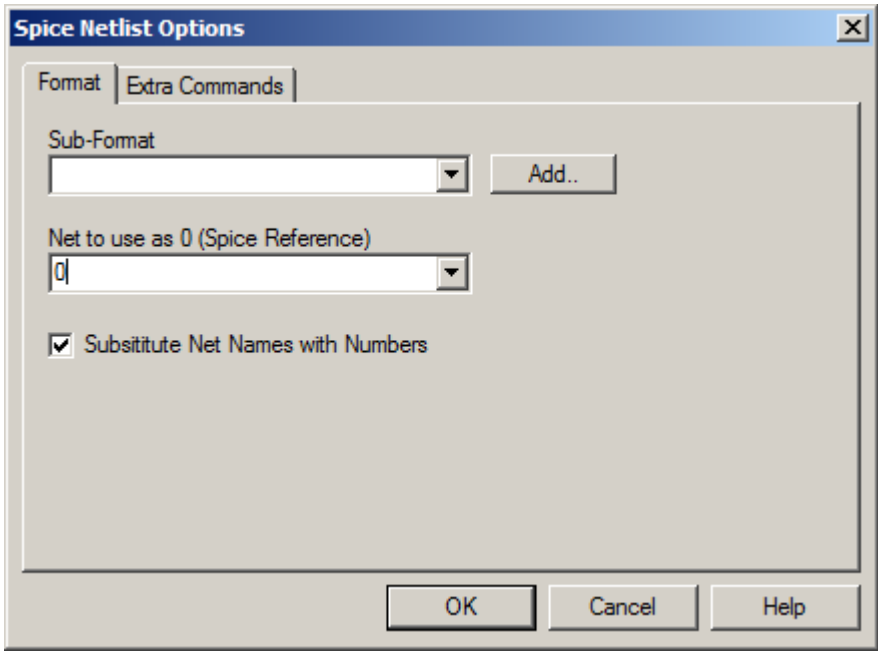
Setup

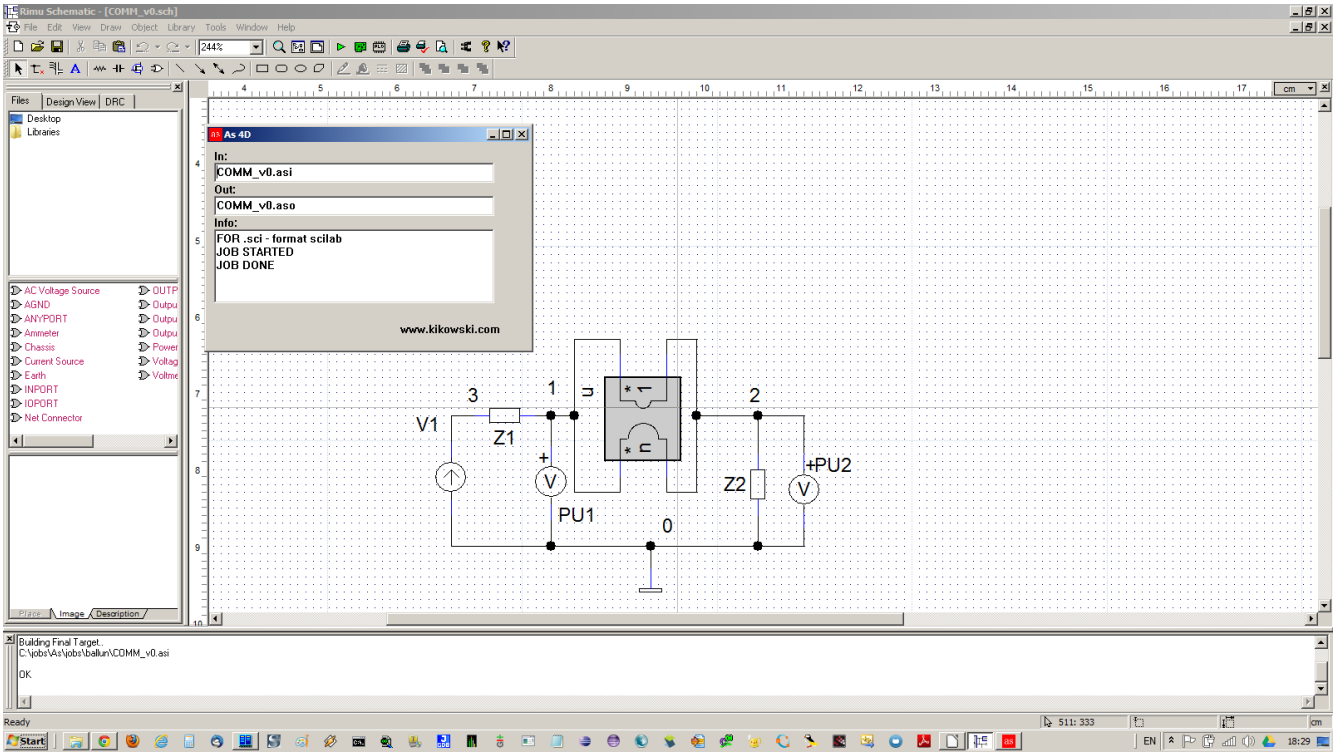

Snap Grid Settings
Spacing
Snap To Objects
Grid Spacing
0.1
Units
cm
Independant vertical spacing
Vertical Grid Spacing
0.254
Colour
Options
Snap To Grid
Show Grid
OK
Cancel
Help


Document Properties
General
Sheet Size
Page Margins
Frame
Other Attributes
Printing Options
Sheet Size
User Defined
A2 (420 x 594 mm)
A3 (297 x 420 mm)
A4 (210 x 297 mm)
B2 (500 x 707 mm)
B3 (353 x 500 mm)
B4 (250 x 353 mm)
B5 (176 x 250 mm)
US C (17 x 22")
US B (11 x 17")
Orientation
Portrait
Landscape
Width
297
inches
mm
Height
210
Save as Default Setttings
OK
Cancel
Help

As


Simulation Tools Setup
Options
Simulator
As
Add..
Remove
Generate Report
Report Type
Spice
Options..
Report File
$(CurDir)\$(FileName).asi
Execute Command
Command
\jobs\As\exe\As.exe
Arguments
$(FileName).asi
Initial Directory
$(CurDir)
OK
Cancel
Help

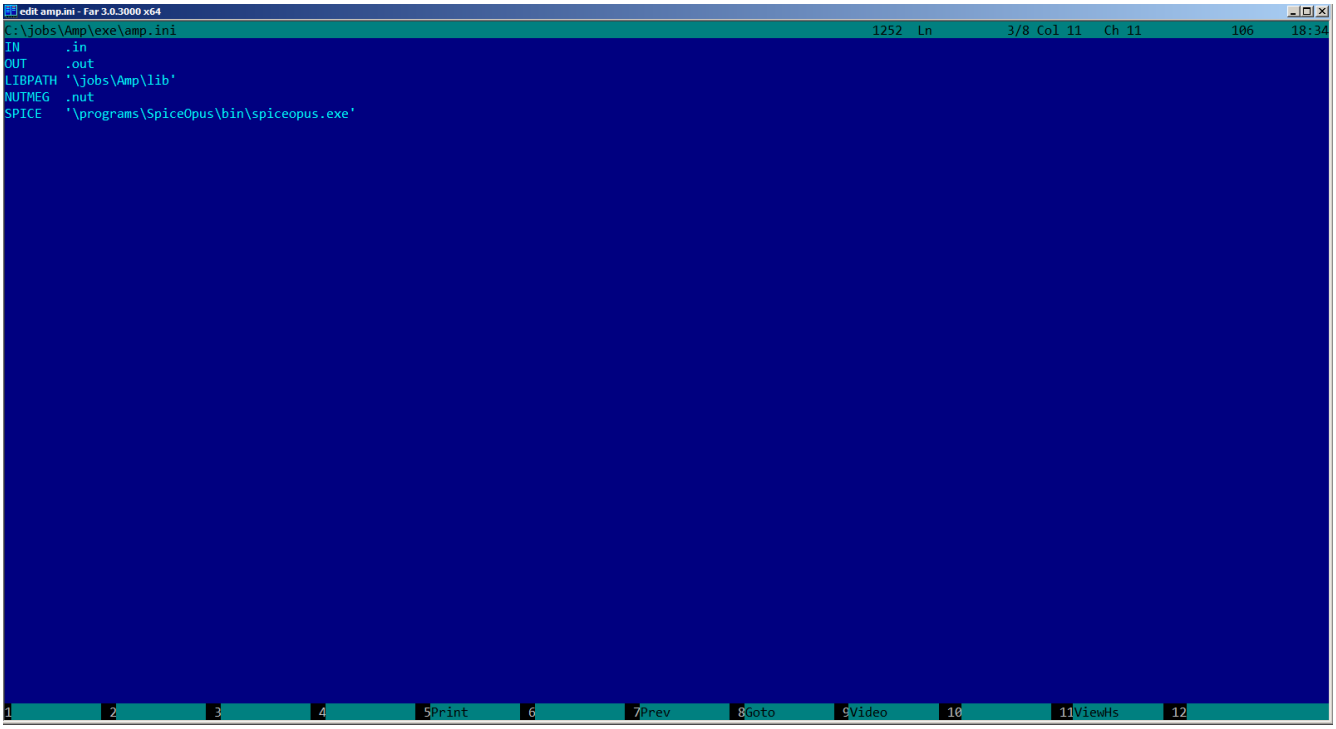

Spice Netlist Options
Format
Extra Commands
Sub-Format
Add..
Net to use as 0 (Spice Reference)
0
Subsititute Net Names with Numbers
OK
Cancel
Help

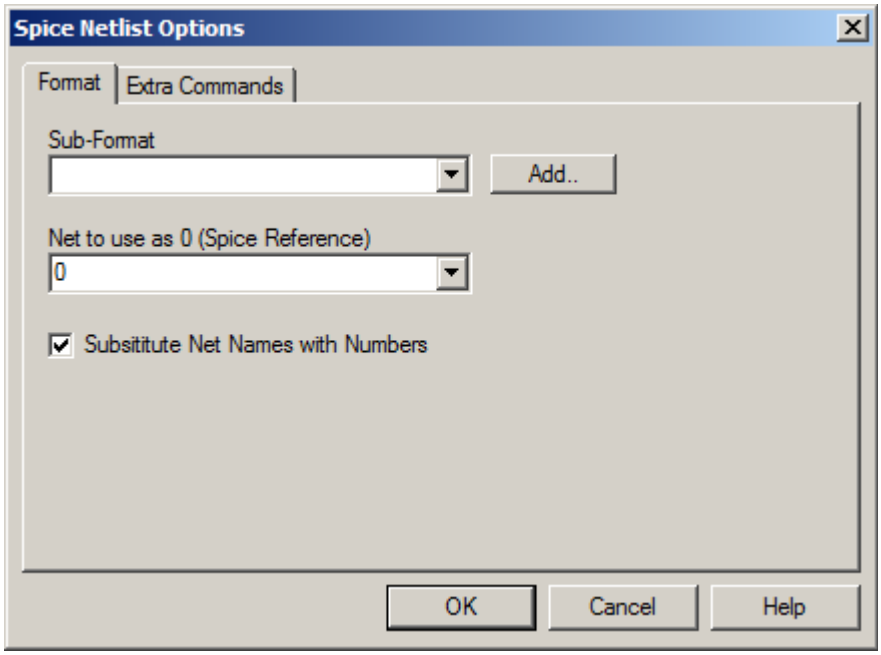

Rimu Schematic - [COMM_v0.sch]
As 4D
In:
COMM_v0.asi
Out:
COMM_v0.aso
Info:
FOR .sci - format scilab
JOB STARTED
JOB DONE
www.kikowski.com
V1
Z1
PU1
Z2
+PU2
0
1
2
3
Building Final Target...
C:\jobs\As\jobs\ballun\COMM_v0.asi
OK

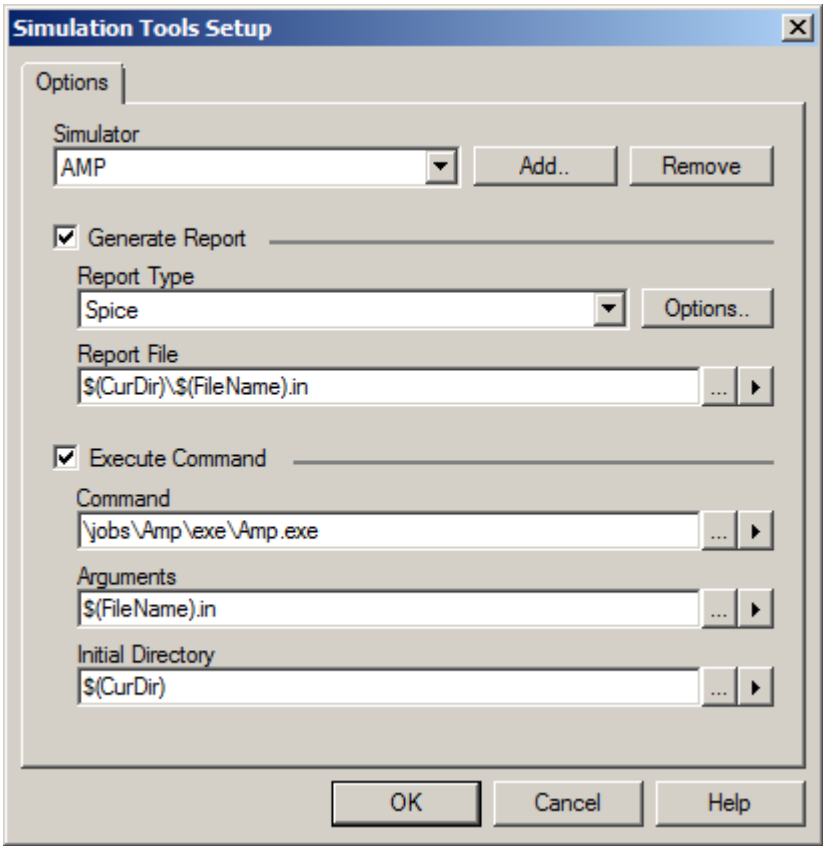
Amp

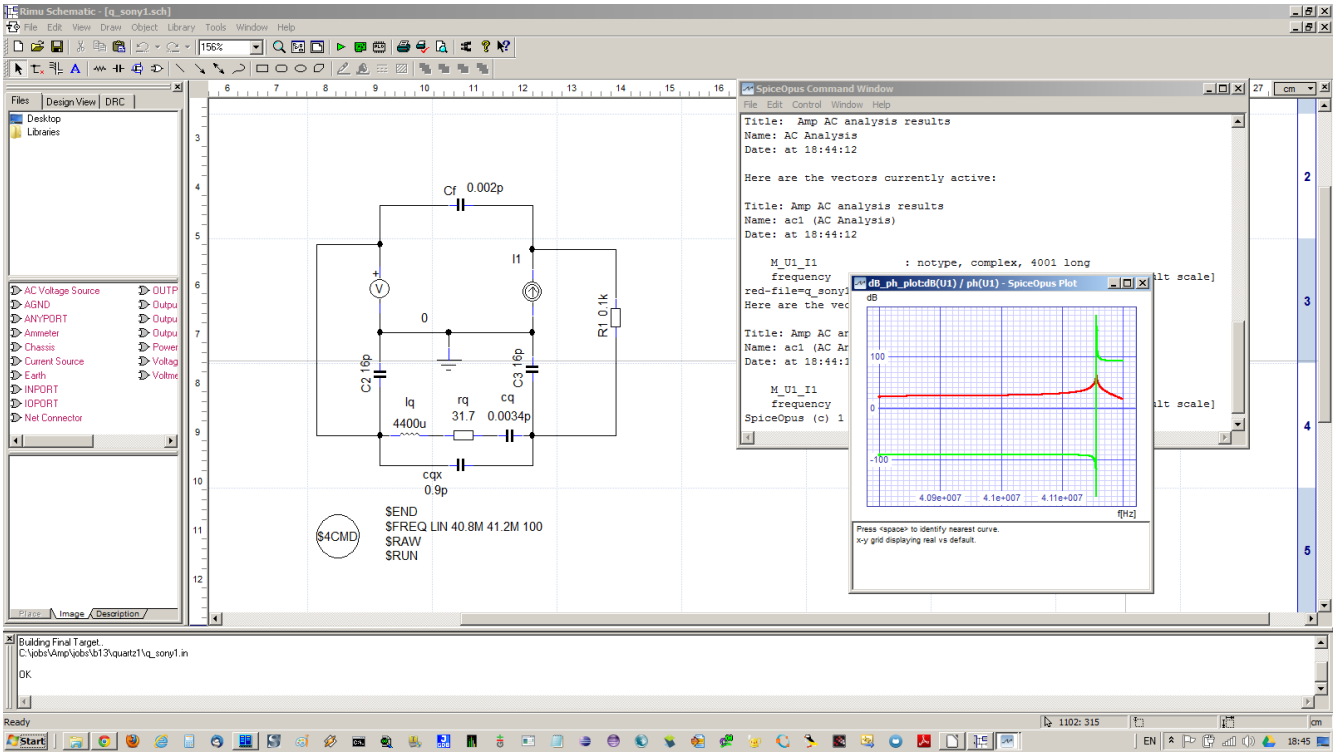
Amp must know the path to

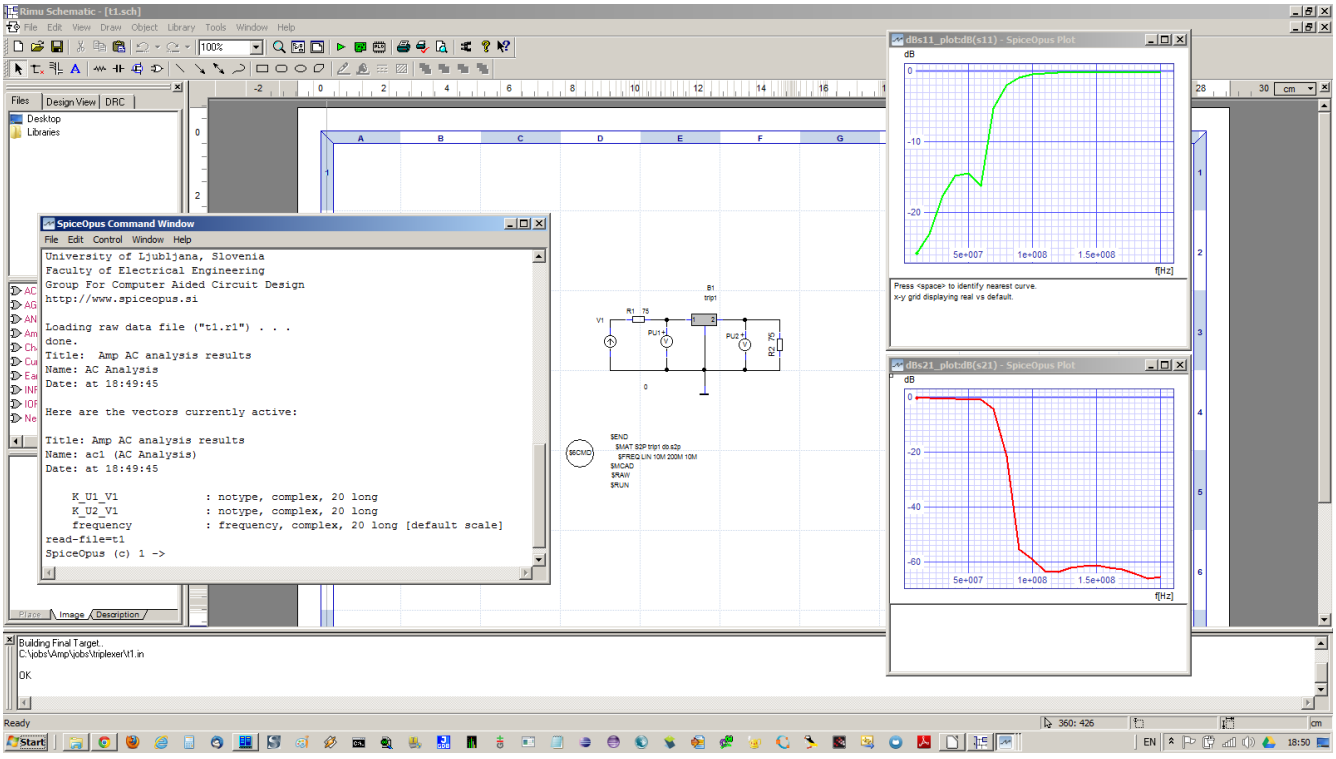
opus SPICE and AMP libraries



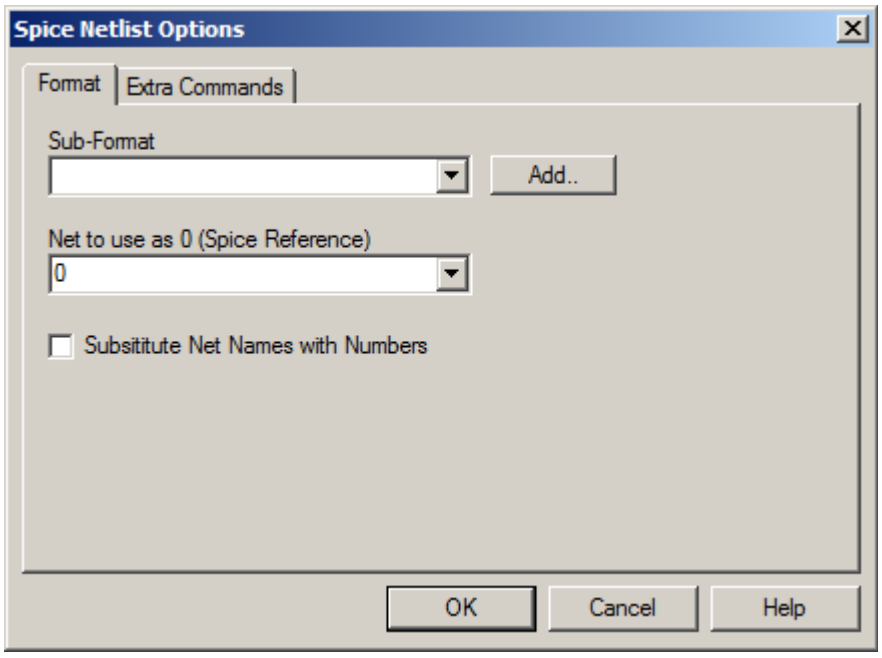


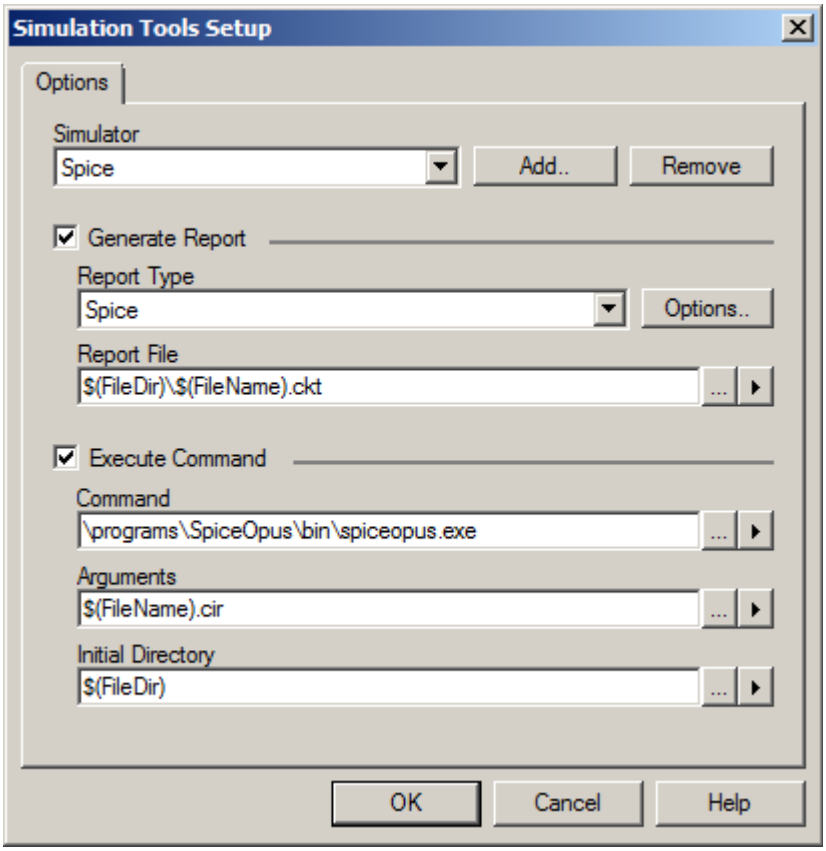

Simulation Tools Setup
Options
Simulator
AMP
Add..
Remove
Generate Report
Report Type
Spice
Options..
Report File
$(CurDir)\$(FileName).in
Execute Command
Command
\jobs\Amp\exe\Amp.exe
Arguments
$(FileName).in
Initial Directory
$(CurDir)
OK
Cancel
Help

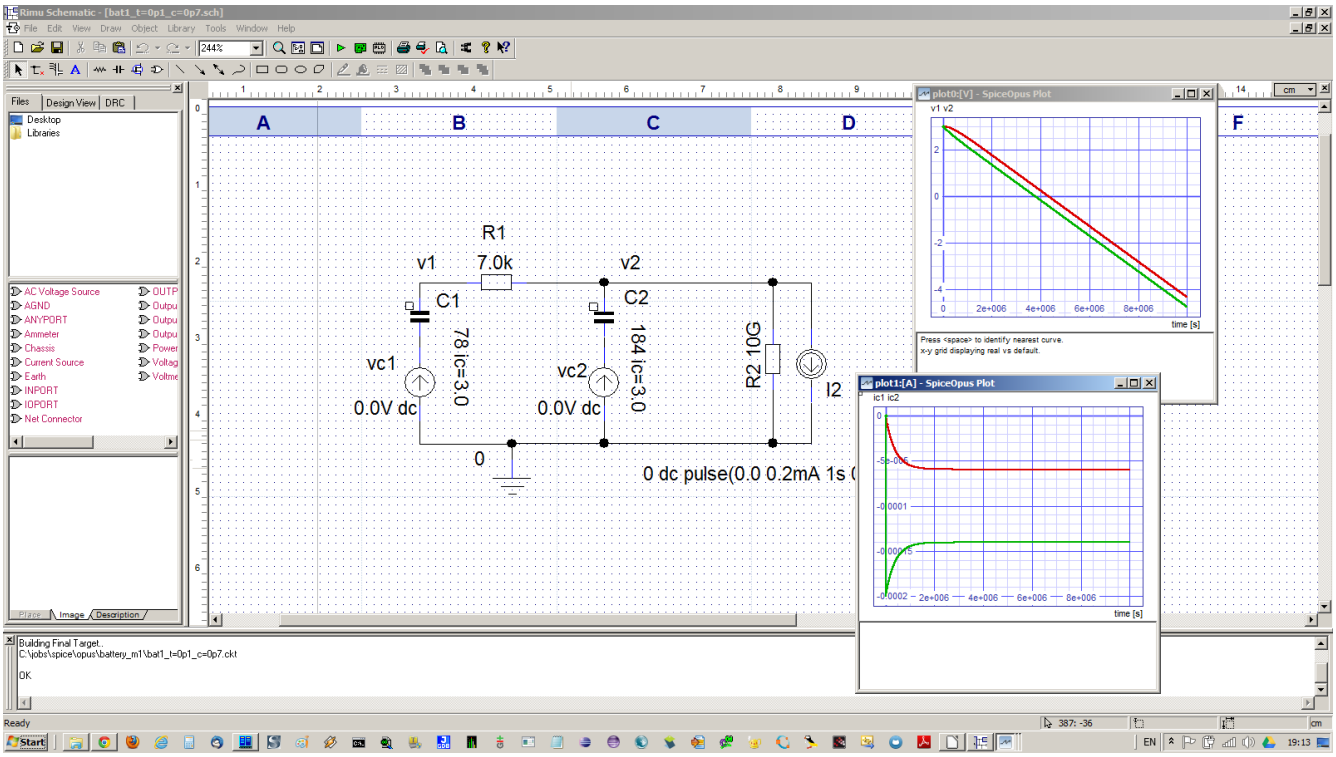

Rimu Schematic - [q_sony1.sch]
SpiceOpus Command Window
Title: Amp AC analysis results
Name: AC Analysis
Date: at 18:44:12
Here are the vectors currently active:
Title: Amp AC analysis results
Name: ac1 (AC Analysis)
Date: at 18:44:12
M_U1_I1 : notype, complex, 4001 long
frequency
read-file=q_sony1
Here are the vec
Title: Amp AC ar
Name: ac1 (AC Ar
Date: at 18:44:1
M_U1_I1
frequency
SpiceOpus (c) 1
dB_ph_plot:dB(U1) / ph(U1) - SpiceOpus Plot
Press <space> to identify nearest curve.
x-y grid displaying real vs default.
Cf 0.002p
I1
R1 0.1k
C2 16p
C3 16p
Iq
4400u
rq
31.7
cq
0.0034p
cqx
0.9p
0
$4CMD
$END
$FREQ LIN 40.8M 41.2M 100
$RAW
$RUN
Building Final Target...
C:\jobs\Amp\jobs\b13\quartz1\q_sony1.in
OK
Ready


Rimu Schematic - [t1.sch]
SpiceOpus Command Window
University of Ljubljana, Slovenia
Faculty of Electrical Engineering
Group For Computer Aided Circuit Design
http://www.spiceopus.si
Loading raw data file ("t1.r1") . . .
done.
Title: Amp AC analysis results
Name: AC Analysis
Date: at 18:49:45
Here are the vectors currently active:
Title: Amp AC analysis results
Name: ac1 (AC Analysis)
Date: at 18:49:45
K_U1_V1 : notype, complex, 20 long
K_U2_V1 : notype, complex, 20 long
frequency : frequency, complex, 20 long [default scale]
read-file=t1
SpiceOpus (c) 1 ->
dBs11_plot:dB(s11) - SpiceOpus Plot
dBs21_plot:dB(s21) - SpiceOpus Plot
Press <space> to identify nearest curve.
x-y grid displaying real vs default.
Building Final Target...
C:\jobs\Amp\jobs\triplexer\t1.in
OK
Ready

Spice


Spice Netlist Options
Format
Extra Commands
Sub-Format
Add..
Net to use as 0 (Spice Reference)
0
Subsititute Net Names with Numbers
OK
Cancel
Help


Simulation Tools Setup
Options
Simulator
Spice
Add..
Remove
Generate Report
Report Type
Spice
Options..
Report File
$(FileDir)\$(FileName).ckt
Execute Command
Command
\programs\SpiceOpus\bin\spiceopus.exe
Arguments
$(FileName).cir
Initial Directory
$(FileDir)
OK
Cancel
Help


Rimu Schematic - [bat1_t=0p1_c=0p7.sch]
R1
7.0k
v1
v2
C1
C2
vc1
vc2
78 ic=3.0
184 ic=3.0
0.0V dc
0.0V dc
R2 10G
I2
0
0 dc pulse(0.0 0.2mA 1s
plot0:[V] - SpiceOpus Plot
v1 v2
time [s]
plot1:[A] - SpiceOpus Plot
ic1 ic2
time [s]
Building Final Target...
C:\jobs\spice\opus\battery_m1\bat1_t=0p1_c=0p7.ckt
OK
Ready