Drive and Load Examples

some of our components:

- Chip capacitor
- Chip inductor
- 200 ohm chip resistor
- 50 ohm microstrip transmission line velocity factor 0.67
- Ground
- Mystery transistor
Two Component L network from 50 ohms to higher impedance
Another Two Component L network from 50 ohms to higher impedance

often used when combining bias and DC block with impedance transformation
Two Component L network from 50 ohms to lower impedance
Another Two Component L network from 50 ohms to lower impedance
Shunt Capacitor with a length of transmission line
Shunt inductor with a length of transmission line
A length of transmission line with two components can transform anything equivalent to classic double stub tuner
A length of transmission line with two components can transform anything very common microwave network
Using gain and noise circles to drive the input of a Low Noise Amplifier
Using gain and stability circles to load the output of an amplifier