

 Linear Power Supply Circuit Using Ideal Op Amp and Three Parallel TIP102 Transistors

Load Resistor Modeled Using 12 Volts / 30 Amps

R\_Load = 0.4 Ohm



 RMS Currents for Each Transistor Collector and the Total Load Current, I\_R\_Load



 Modeled RMS Voltages and Currents from the Circuit



 RMS Load Voltage and Current with Ideal Op Amp Driving the TIP102 Transistors