



SPICE macromodel for operational amplifier power supply current sensing

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Abstract

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A SPICE macromodel is described which may be added to any operational amplifier macromodel to simulate variations in power supply current with load current. This allows modelling of circuits using supply-current sensing and examination of the effects of power supply transients. Performance is illustrated by modelling a precision full-wave rectifier using the mu A741 operational amplifier.< >

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