

Mobile App Eases Power Stage Design

Available from [Google Play](#), Dmitry's Power Stage Design Tool for Android devices helps engineers design switch-mode power supplies (see the figure). It offers multiple features and a very useful user interface. Specifically, it provides small-signal control-to-output transfer functions to help designers find compensation network parameters for voltage-mode and current-mode controlled converters in continuous conduction mode. The tool generates idealized current and voltage waveforms.

In addition to the Power Stage Design Tool, there is a companion tool, the Compensator Circuit Design Tool, to support design of compensation stages with op amps, operational transconductance amplifiers and shunt regulators. There is also a universal electronics design tool, the Circuit Calculator, which supports design of more than 170 topologies for amplifiers, drivers, filters, power circuits and so on.

For more information, see the Power Stage Design Tool [page](#) and the Compensator Design Tool [page](#).

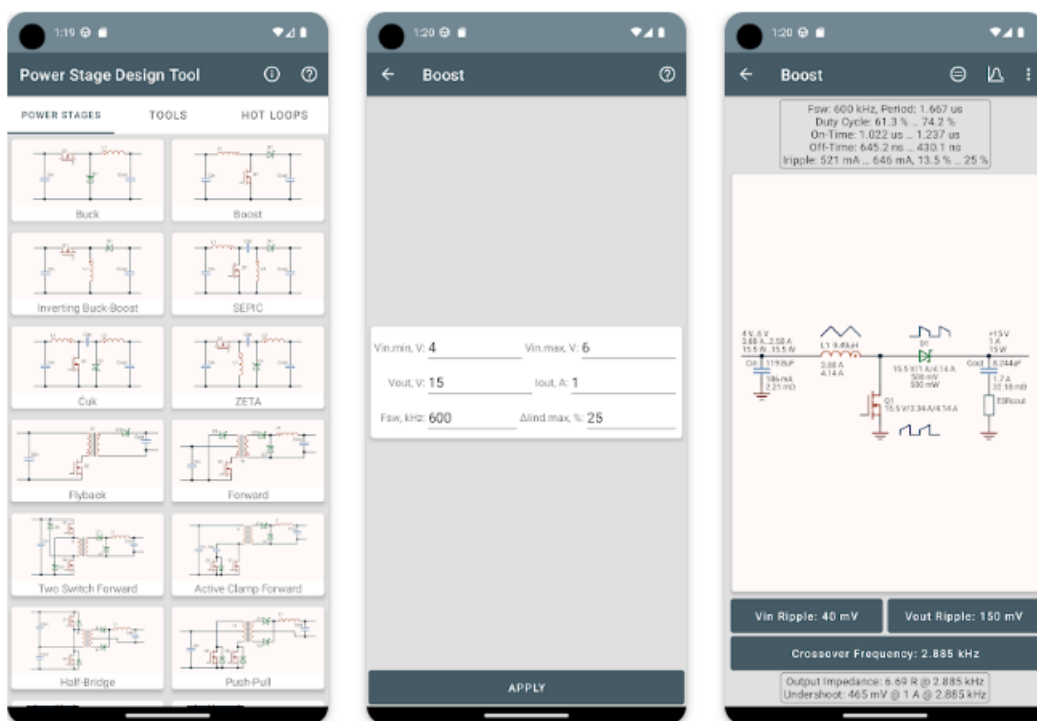


Figure. Dmitry's Power Stage Design Tool for Android helps engineers design switch-mode power supplies. According to the developer it is similar to Texas Instruments' Power Stage Designer tool but has more features and a more-useful user interface.