

A nonportable system operates on a regulated 5-V supply that does not require input overvoltage protection. In this case, the 5-V power supply is connected through the BAT pins. The DC/DC converter inputs, WLED driver, LD01, and LDO2 are connected directly to the 5-V supply. A standard, constant-value 10-k resistor is connected from the TS pin to ground to simulate the NTC thermistor monitoring the battery. The load switches (or LDO3 and LDO4, depending on configuration) typically connect to one of the lower system rails, but can also be connected directly to the 5-V input supply.







