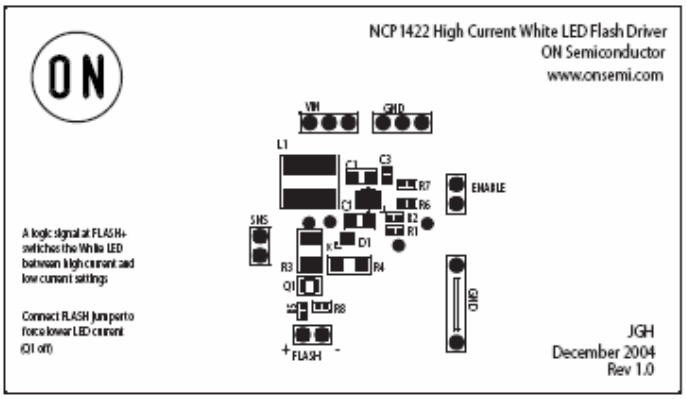
Test Procedure for the NCP1422LED Evaluation Board

ON Semiconductor

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REQUIRED EQUIPMENT

1) Power Supply (capable of >5V, 2A with 100mV resolution)
2) Voltmeter
3) Function generator set to parameters in PULSE table below

TESTING

1) Set dc power supply to 3.6 Vdc and current limit to 2 A.
2) Disconnect jumper from ENABLE
3) Connect jumper to FLASH
4) Connect dc power supply to VIN and GND at top of board. (Positive on VIN, Negative on GND)
5) LED should be off.
6) Connect voltmeter between SNS and GND
7) Connect jumper to ENABLE
8) LED should be on (CAUTION, DO NOT LOOK DIRECTLY AT THE LED. IT IS EXTREMELY BRIGHT).
9) Measure SNS voltage. It should be between 700-900 mV.
10) Disconnect jumper from FLASH
11) Apply function generator output across FLASH+ and FLASH-
12) LED should alternate between two brightness levels.
13) Disconnect function generator from FLASH
14) Turn off power supply and disconnect. Reconnect jumpers to ENABLE and FLASH.

PULSE	
Waveform	Squarewave
Frequency	4.0 Hz
Amplitude	2.5 Vpp
Offset	1.25 Vdc
% Duty	20%

This produces a 5V, 50ms pulse train