



Test Procedure for the NCV7681AGEVB Evaluation Board

NCV7681A Eval Board Test Procedure (EVBUM2328)(rev_0)

- 1) Connect all jumpers on the board with the **exception** of Jumper 18 (“BALLAST OUT”). J15, J16, & J17 should be to the left.
- 2) Configure both toggle switches down (towards the bottom of the board).
- 3) Connect a 14V power supply to Vbat and GND using the banana connectors on the board.
- 4) Toggle Switch
 - a. TAIL – Up. All LEDs should turn on.
 - b. TAIL– Down. All LEDs should turn off.
 - c. STOP - Up. All LEDs should turn on at a much higher intensity than TAIL.
 - d. STOP – Down. All LEDs should turn off.
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 - e. STOP – Up
 - i. Remove OUT1 jumper. One string of LEDs should go out and the DIAG LED (D27) should illuminate.
- 5) Place STOP and TAIL switches in the down position.
 - a. Remove Jumper J14 (BALLAST IN).
 - b. Add Jumper J18 (BALLAST OUT).
 - c. Move J15, J16, & J17 to the right.

End of Test