BoostLynx™ Series Evaluation Board Documentation

The BoostLynx™ series evaluation board (BOOST_PROLYNX_EVAL) Board comes with an assembled module and test components

Pre-Installed components for the BoostLynx™ include input filtering [C_{25} (0.047uF,50V), $C_{22, 24, 26 \& 38}$(10uF,50V), output filtering [C_{34}(0.1uF,50V), $C_{27, 29, 31, 32, 33 \& 131}$ (10µF,50V)], Trim Resistor R_5 = 10.5KΩ and some test points.

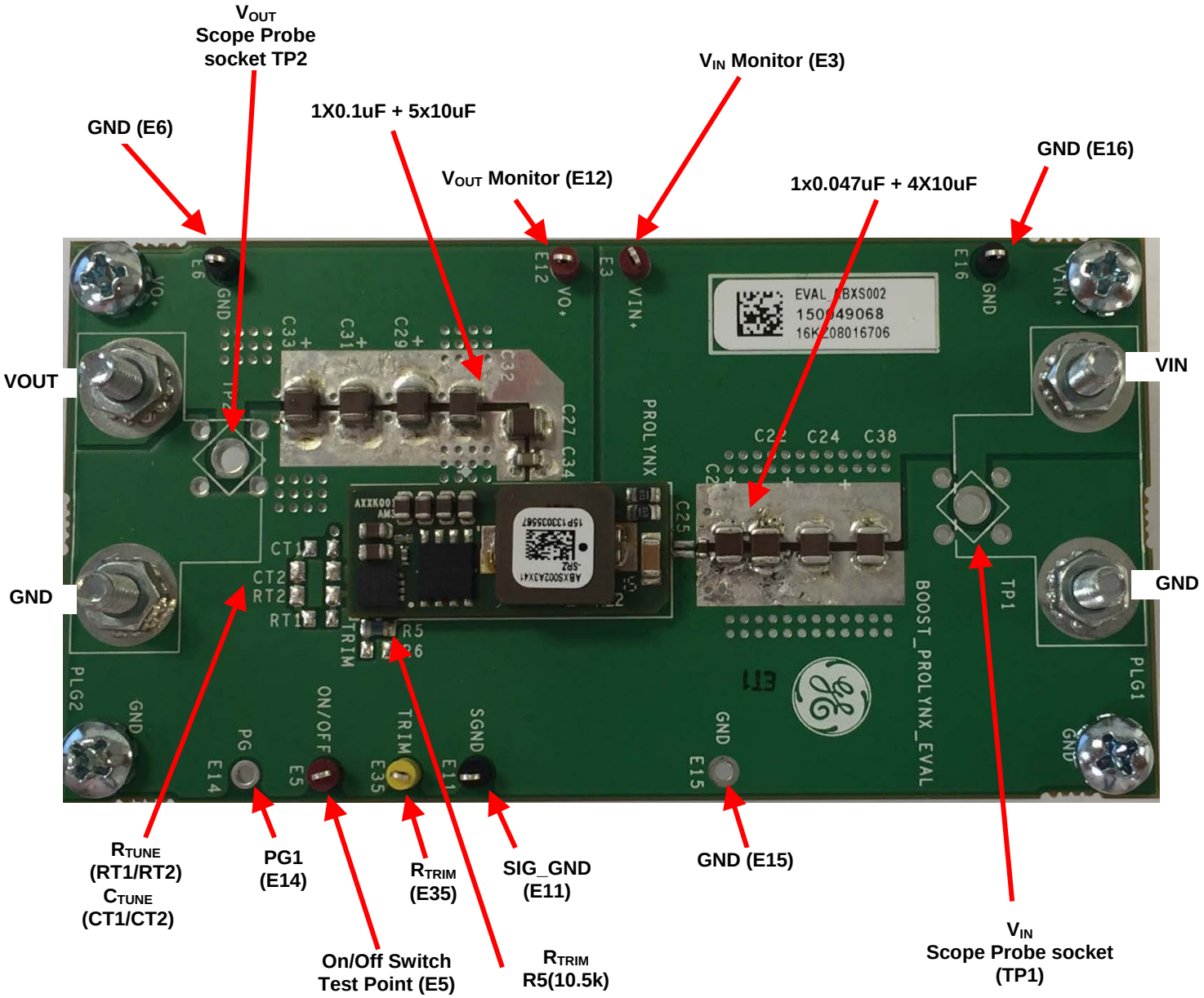

Figure 1. Power and Analog Signal Interface for the ABXS002/001 Eval Board

imagination at work

2x12A BoostLynx™: Non-Isolated DC-DC Power Modules

4.5Vdc –14.4Vdc input; 0.51/0.6Vdc to 5.5Vdc output; 2x12A Output Current

Caution! Before applying power, make sure that the externally installed capacitors (input & output) have appropriate voltage and polarity ratings based on the application.

Notes:

- Module can be trimmed either by soldering a different fixed resistor(s) @ R5 or by attaching a potentiometer/resistor between test points E11 and E35.

Contact Us

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EVAL_ABXS002