

### 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 [C25 (0.047uF,50V), C22, 24, 26 & 38(10uF,50V), output filtering [C34(0.1uF,50V), C27, 29, 31, 32, 33 & 131 (10uF,50V)], Trim Resistor R5 = 10.5KΩ and some test points.

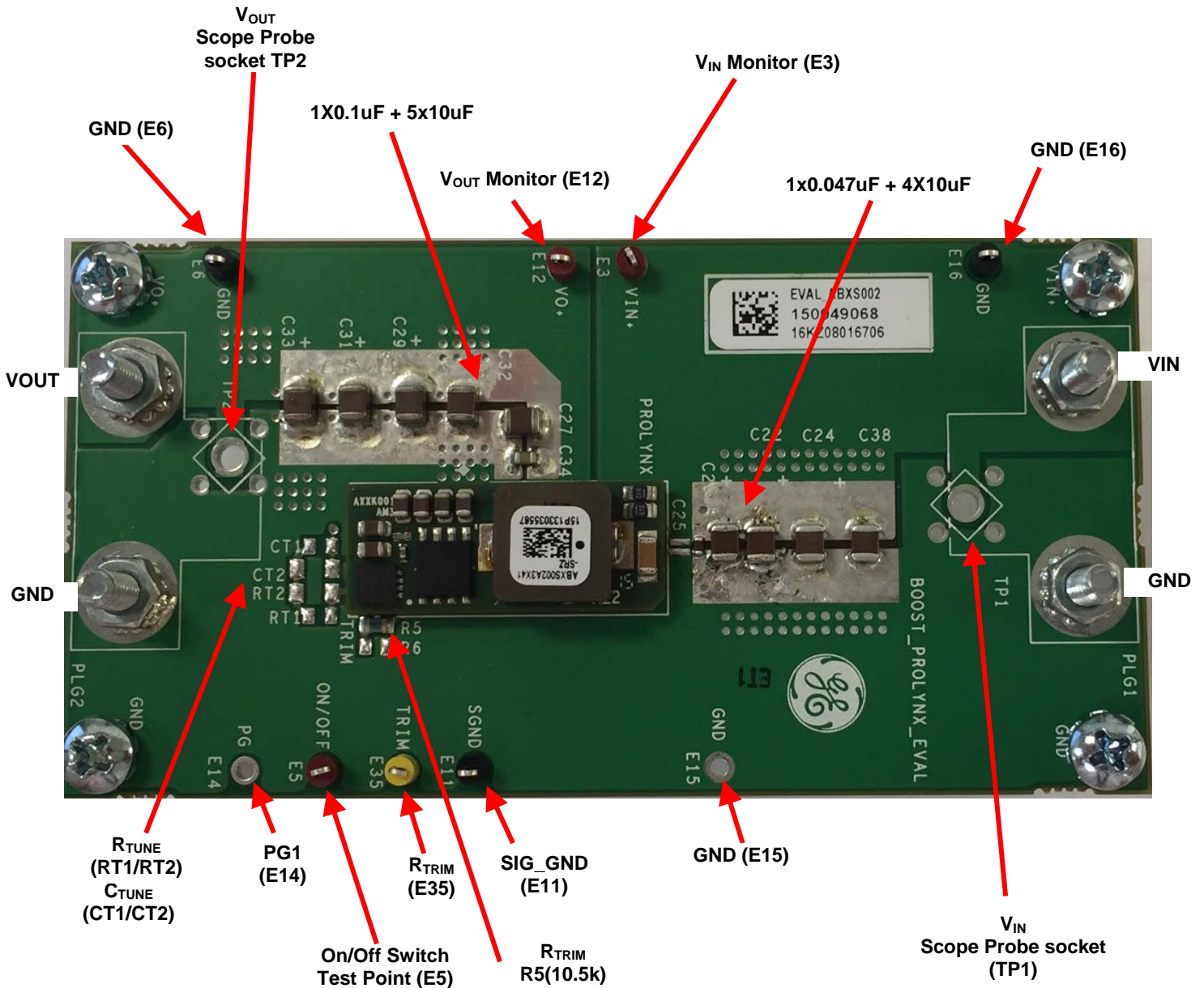


Figure 1. Power and Analog Signal Interface for the ABXS002/001 Eval Board

## 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.



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