
**Hardware patch required for some STMicroelectronics
multiphase energy meter evaluation boards**

Product identification

This errata sheet applies to the STEVAL-IPE014V1 multiphase energy meter daughterboard based on the STPMS2 smart sensor device.

Description of problem and resolution

In some STEVAL-IPE014V1 evaluation boards, it is necessary to apply a hardware patch in order for the board to function properly.

Before using the board, please verify with a testing instrument that the R6 resistor value is below 3 Ω (2.6-2.8 Ω). If it is not, the R5 and R6 resistors **MUST BE SWAPPED**.

The correct value for R5 is 470 Ω , and for R6 it is 2.7 Ω .

Figure 1 illustrates the STEVAL-IPE014V1 evaluation board without the hardware patch, and provides a zoom view showing the resistors to swap.

1 Revision history

Table 1: Document revision history

Date	Revision	Changes
09-Oct-2014	1	Initial release.

IMPORTANT NOTICE – PLEASE READ CAREFULLY

STMicroelectronics NV and its subsidiaries ("ST") reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST's terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers' products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2014 STMicroelectronics – All rights reserved