

STEVAL-IPE014V1 Errata sheet

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.

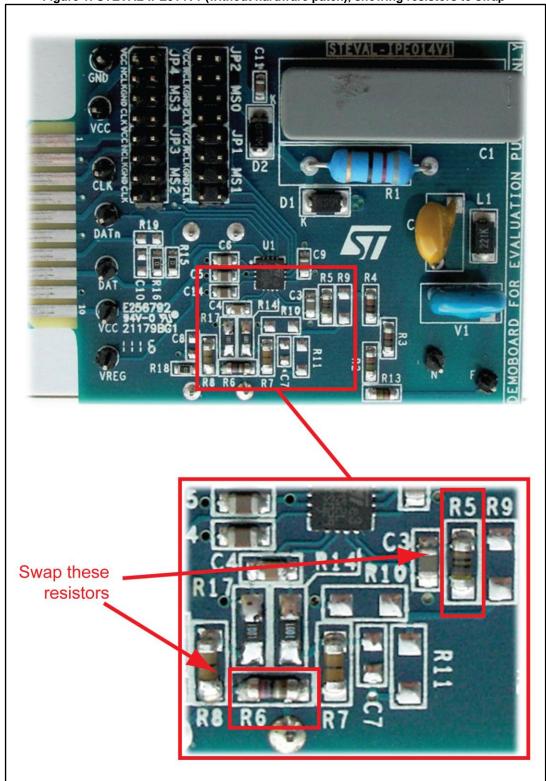
Before using the board, please verify with a testing instrument that the R6 resistor value is below 3 Ω (2.6-2.8 Ω). If it is not, the R5 and R6 resistors MUST BE SWAPPED.

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.

Revision history STEVAL-IPE014V1

Figure 1: STEVAL-IPE014V1 (without hardware patch), showing resistors to swap



STEVAL-IPE014V1 Revision history

1 Revision history

Table 1: Document revision history

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

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