



Freescale Semiconductor, Inc.
Board Errata

Document Number: TWRLCDRGB_ERRATA
Rev. 0, 02/2015

TWR-LCD-RGB Board Errata

by: Freescale Semiconductor, Inc.

1 Errata Title: Resistor R1 is unpopulated on the board

Description: Some TWR-LCD-RGB boards are built without R1 populated. This causes the I2C address line in the CRTouch firmware to be different than expected by the PEG touch drivers. [Figure 1](#) show the affected resistor.

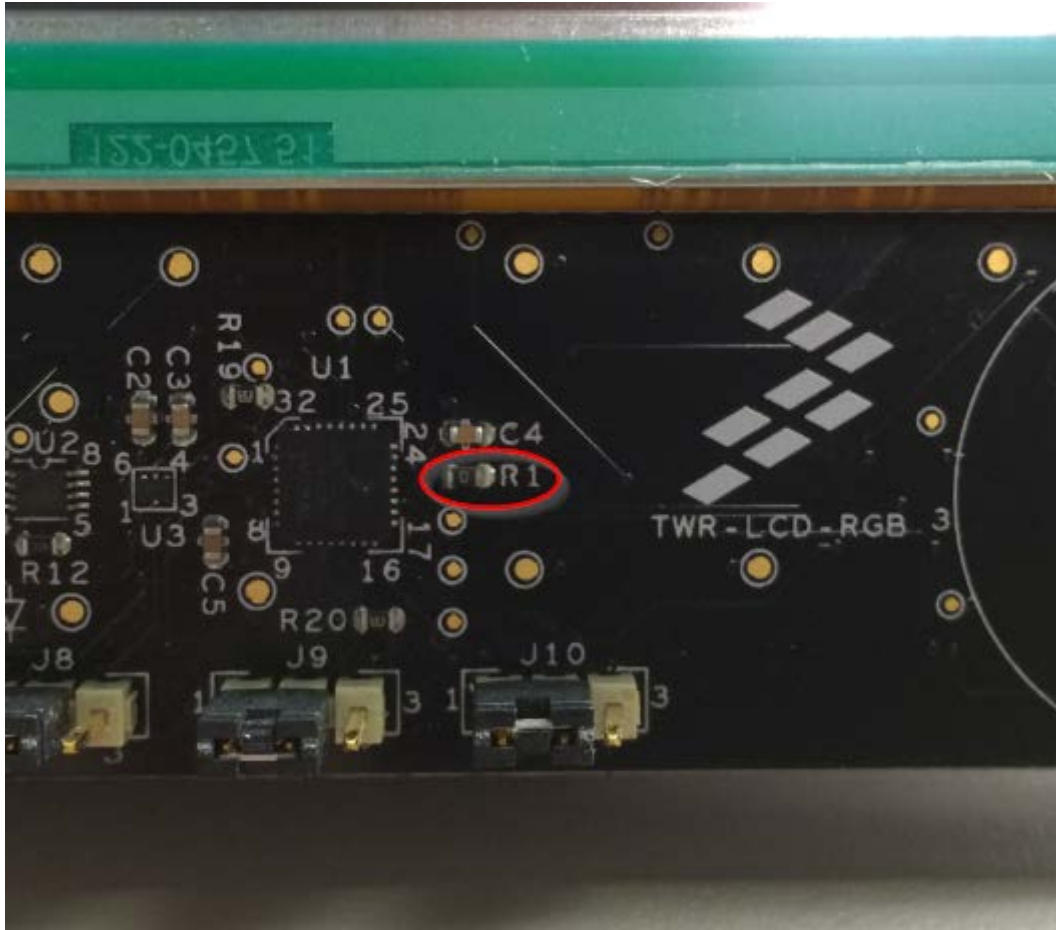


Figure 1. Affected R1 on TWR-LCD-RGB board

Workaround: The workaround is to populate the R1 location with a 0 Ohm surface mount resistor (603). A solder bridge between the two resistor pads is sufficient as well.

Fix Plan: The population option for the TWR-LCD-RGB has been updated to populate the R1 0Ohm resistor by default during assembly.

Revision history

Table 3 describes the boards to which the errata in this document apply.

Table 1. Revision of the Boards

Board Assembly Rev.	Board Schematic Rev.	Board PN
Rev A	Rev E	TWR-LCD-RGB

Table 2. Document Revision History

Revision number	Date	Substantial changes
1.0	02/2015	Initial release

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