STEVAL-IFR003V1

RTC calibration daughterboard based on the M41T83SMY6E to be used with STEVAL-IFS012V1

Data brief

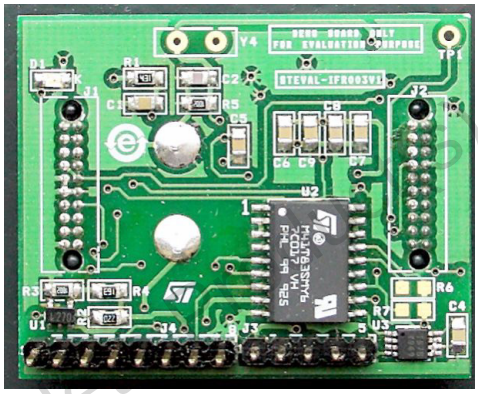
Features

- M41T83 RTC in SOX18 package mounted on daughter card
- RoHS compliant

Description

The STEVAL-IFR003V1 is an RTC calibration demonstration daughter card to be used in connection with STEVAL-IFS012V1, a multi-device temperature sensor demonstration motherboard. STEVAL-IFS012V1 supports the demonstration of four RTCs; M41T81S RTC mounted on motherboard, M41T82 (SO-8 package) mounted on separate STEVAL-IFR001V1 daughter card, M41T83(QFN package) mounted on separate STEVAL-IFR002V1 daughter card, and M41T83 (SOX18 package) mounted on separate STEVAL-IFR003V1 daughter card.

RTC mode of the GUI is chosen through the RTC selection icon on the GUI.



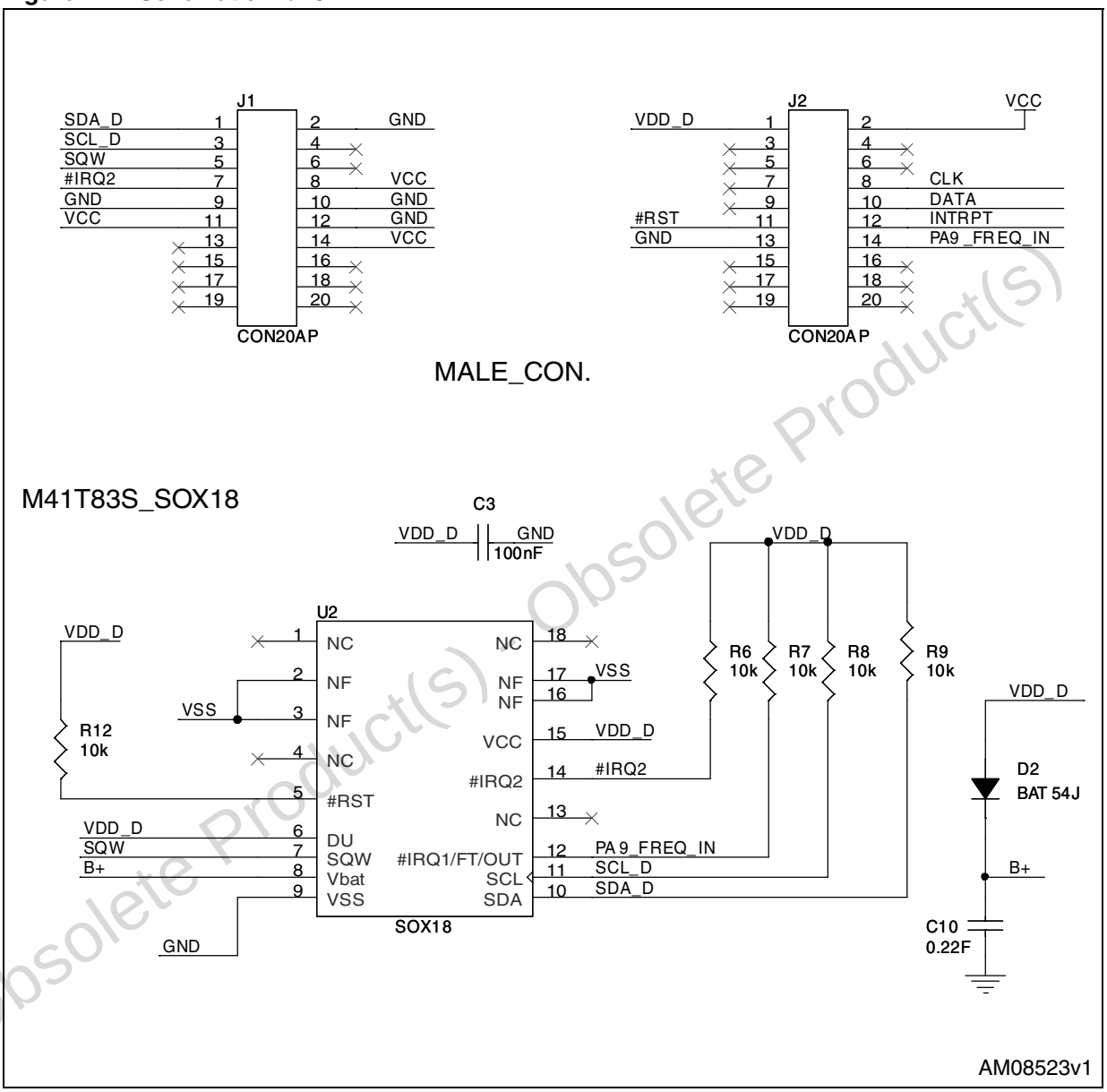
STEVAL-IFR003V1

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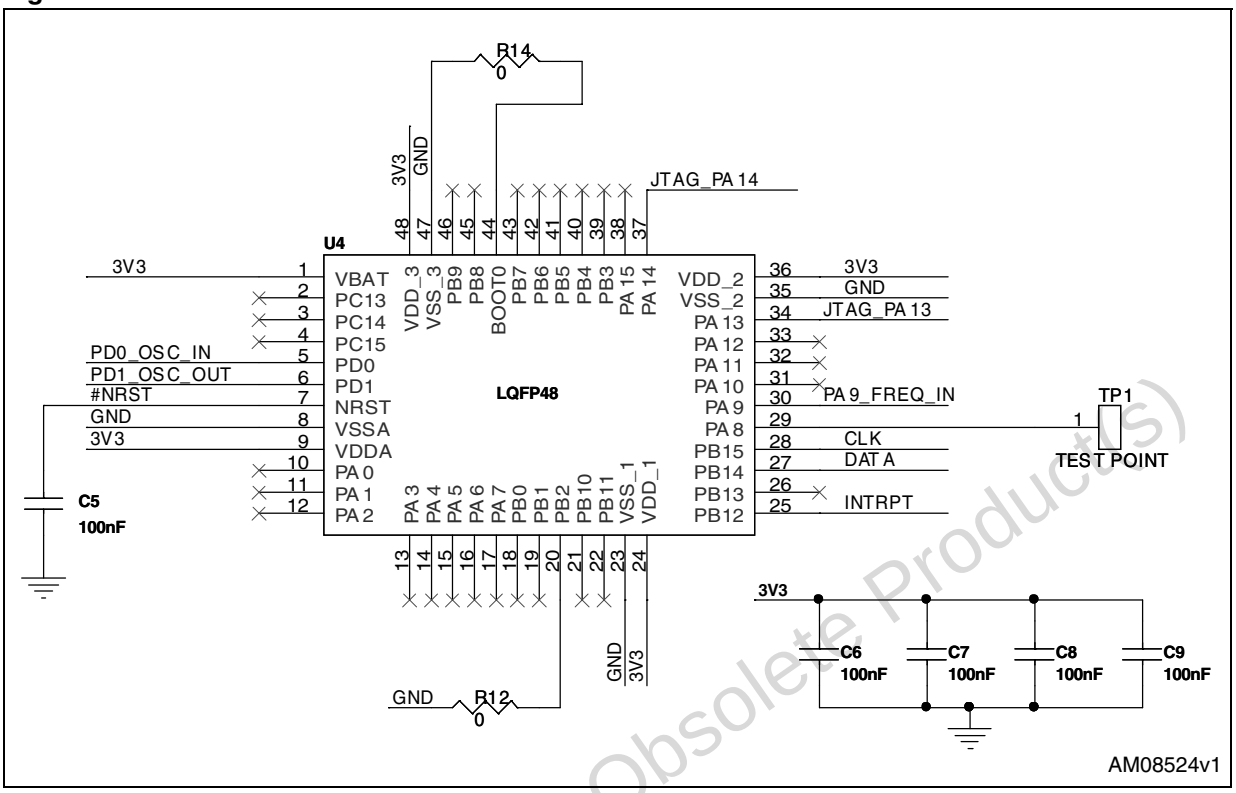
1 Circuit schematics

Figure 1. Schematic 1 of 5



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Figure 2. Schematic 2 of 5



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Figure 3. Schematic 3 of 5

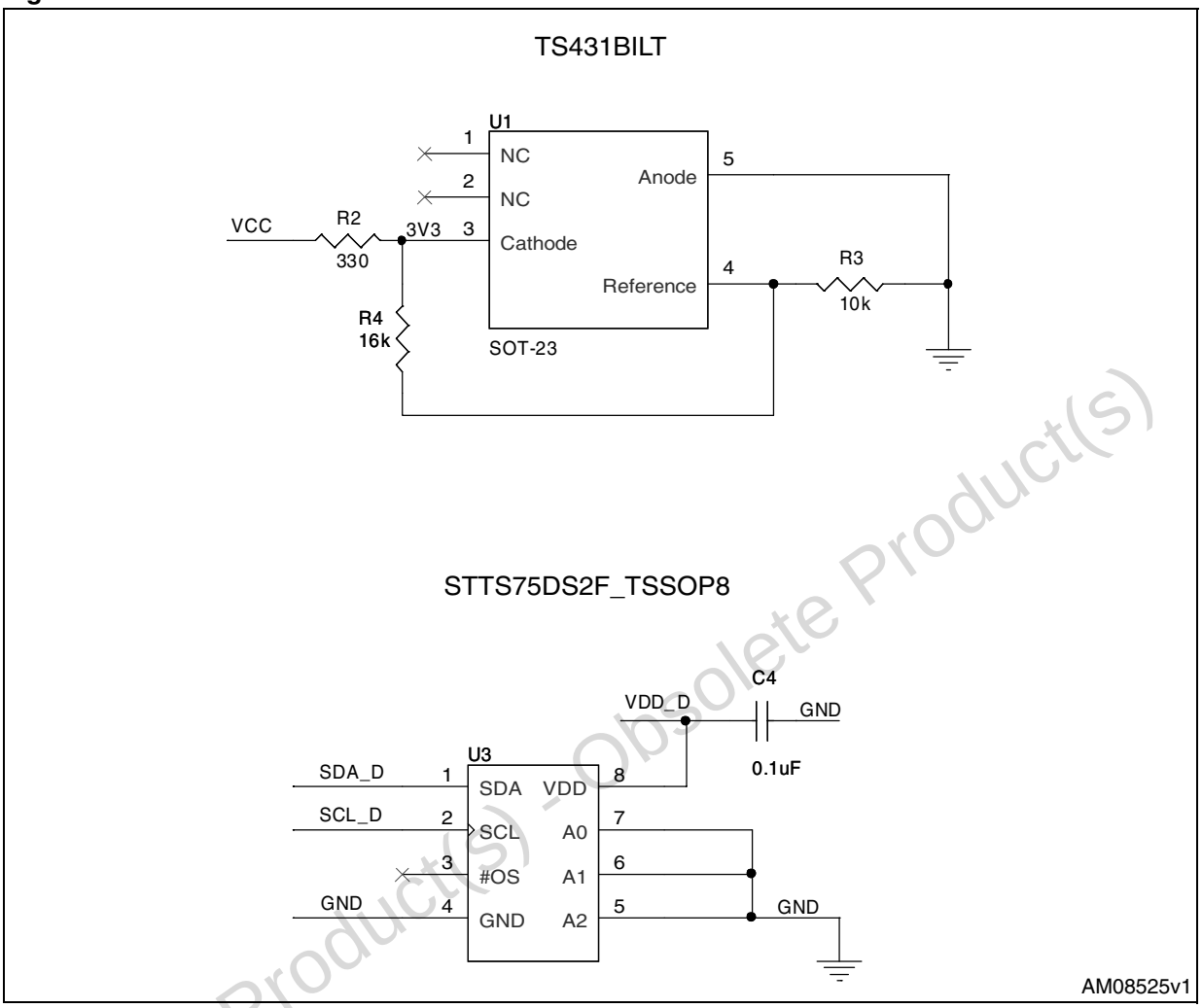
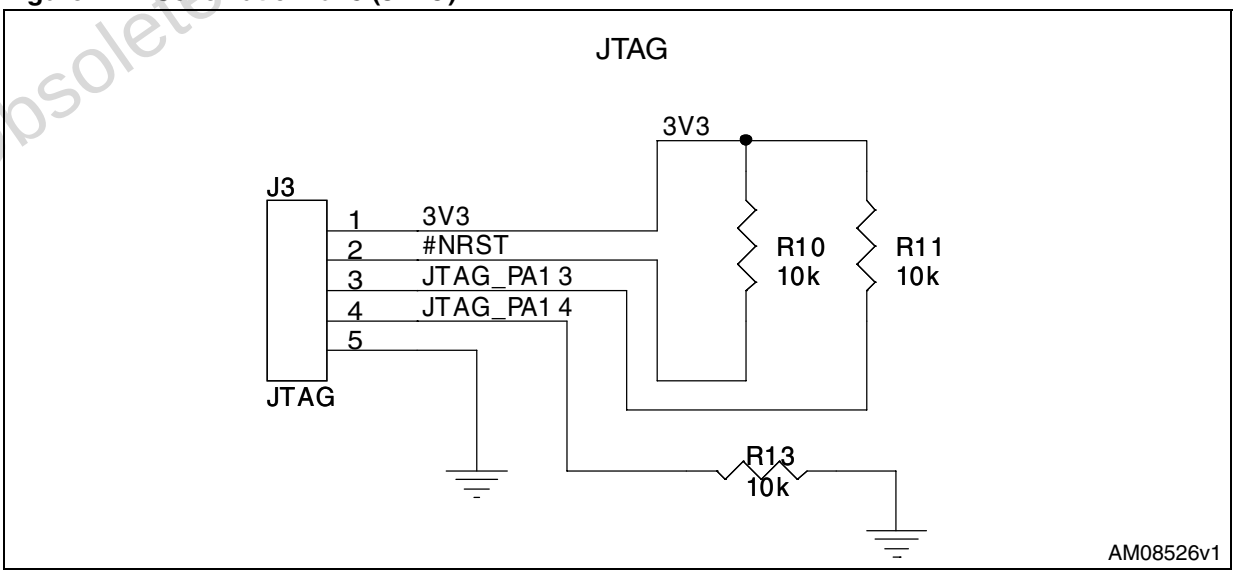
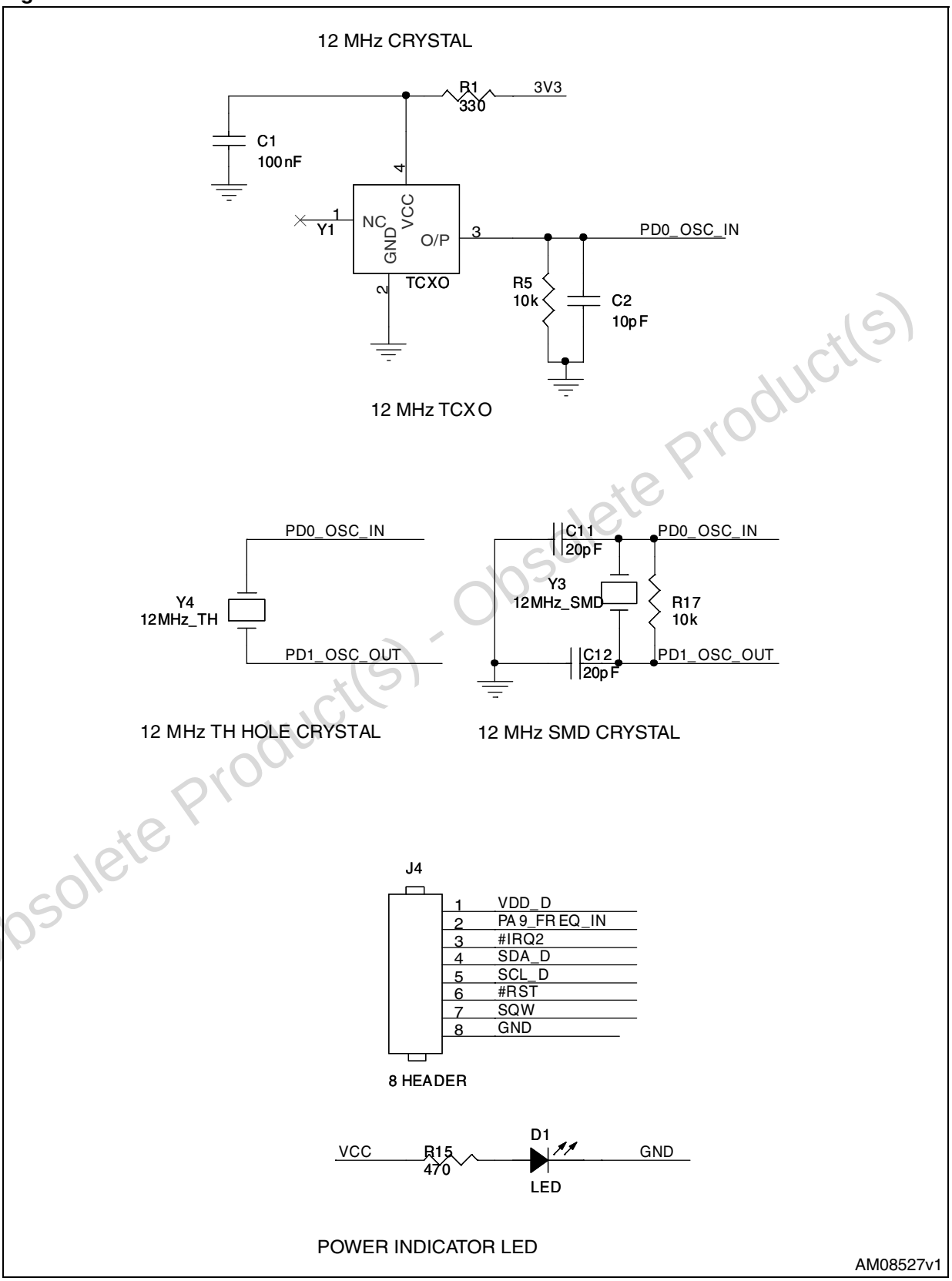


Figure 4. Schematic 4 of 5 (JTAG)



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Figure 5. Schematic 5 of 5



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2 Revision history

Table 1. Document revision history

Date	Revision	Changes
16-Dec-2010	1	Initial release.

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