STEVAL-IFR001V1

RTC calibration demonstration daughter card based on the M41T82SM6E to be used in connection with STEVAL-IFS012V1

Data brief

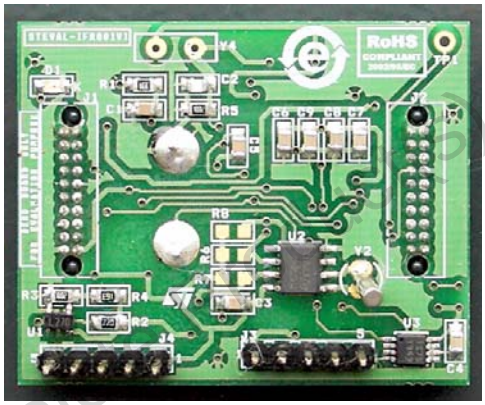
Features

- M41T82 RTC in SO-8 package mounted on daughter card.
- RoHS compliant

Description

The STEVAL-IFS012V1 is a multi device temperature sensor demonstration motherboard which 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-IFR001V1

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1 Circuit schematics

Figure 1. Schematic_1

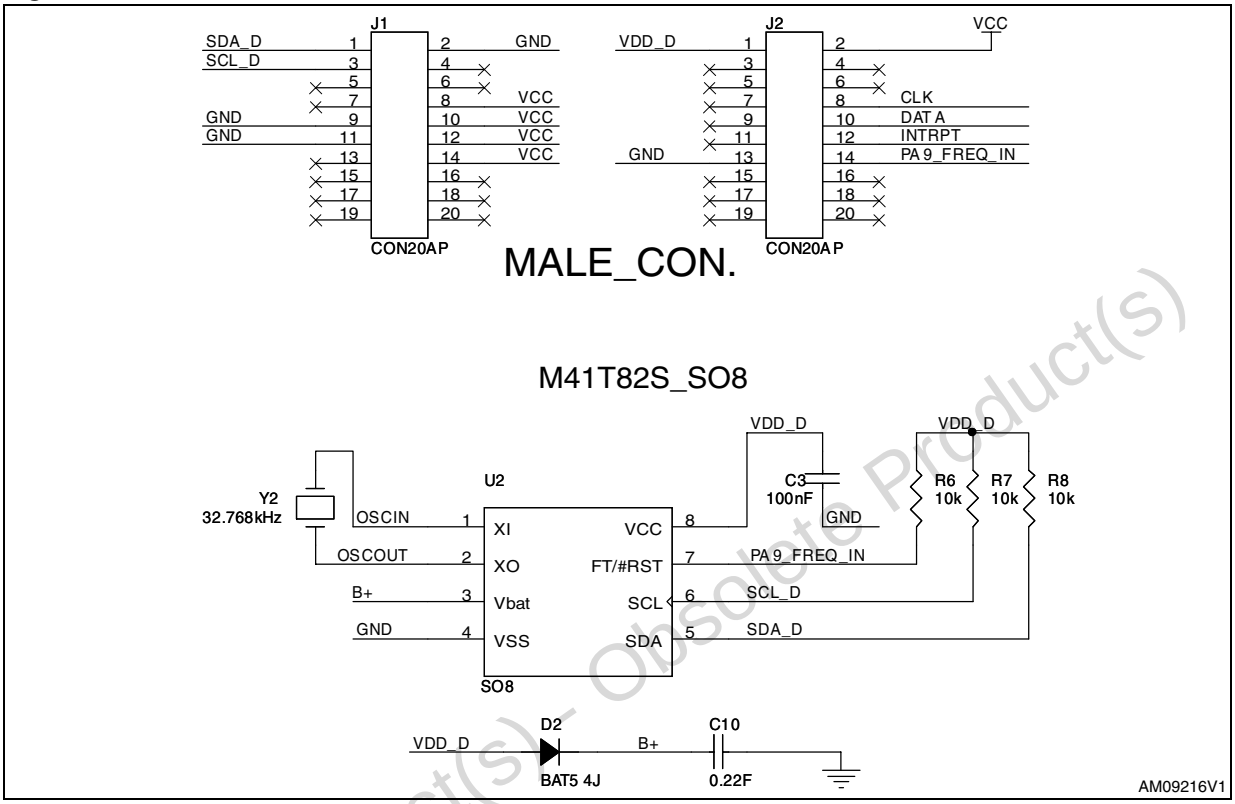
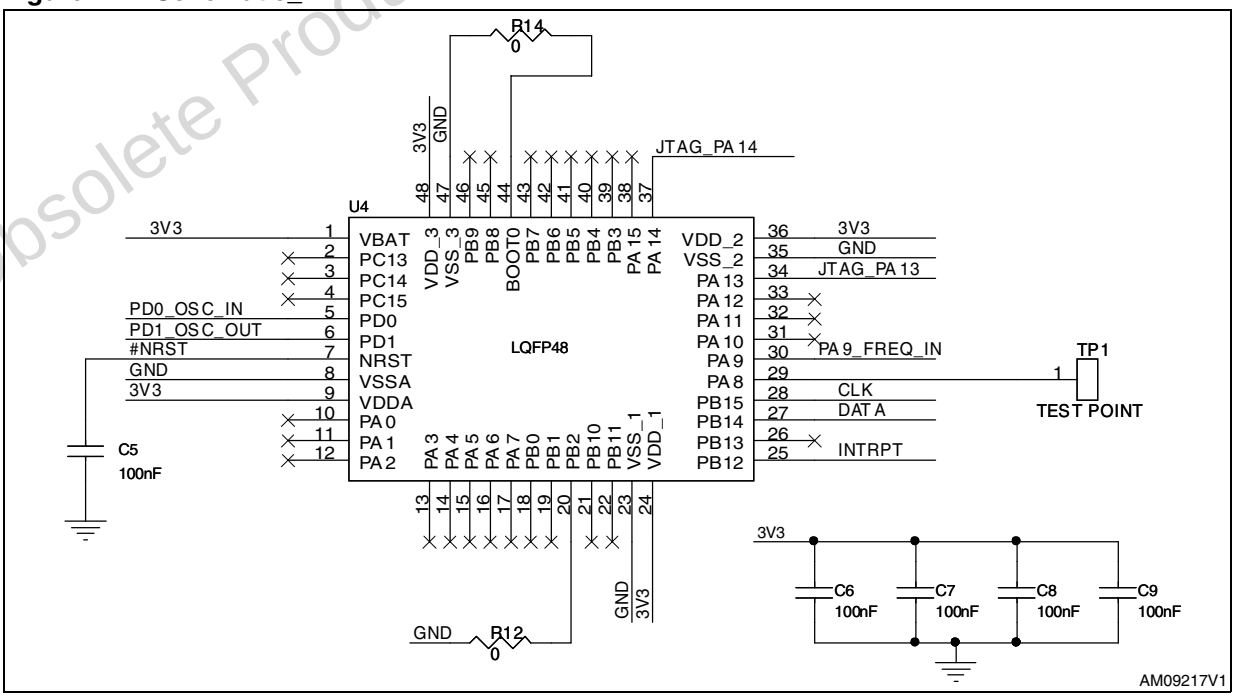


Figure 2. Schematic_2



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Figure 3. Schematic_3

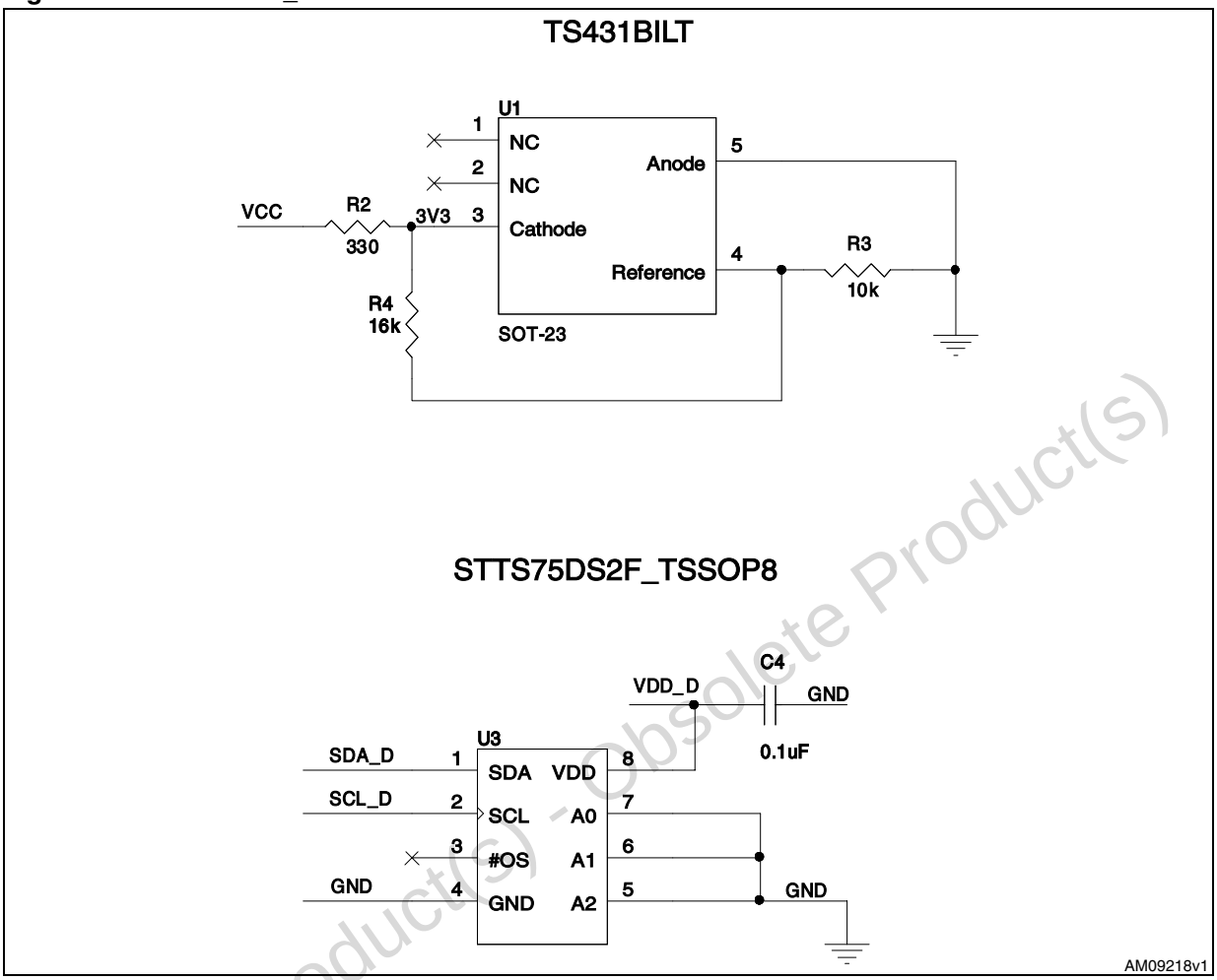
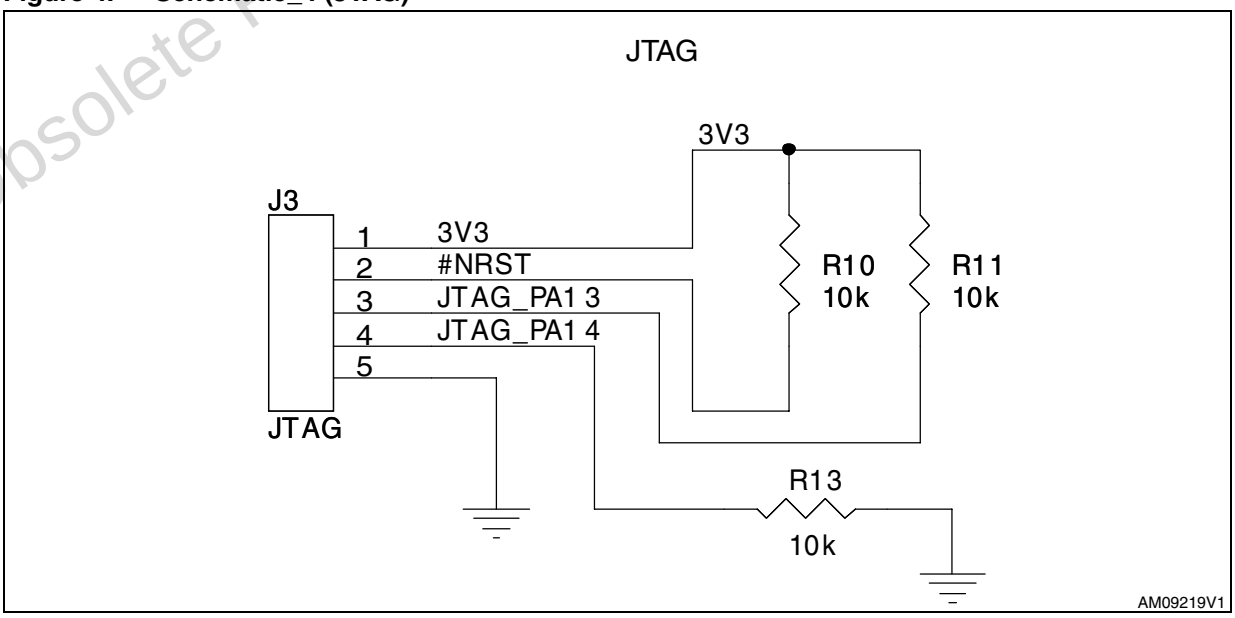
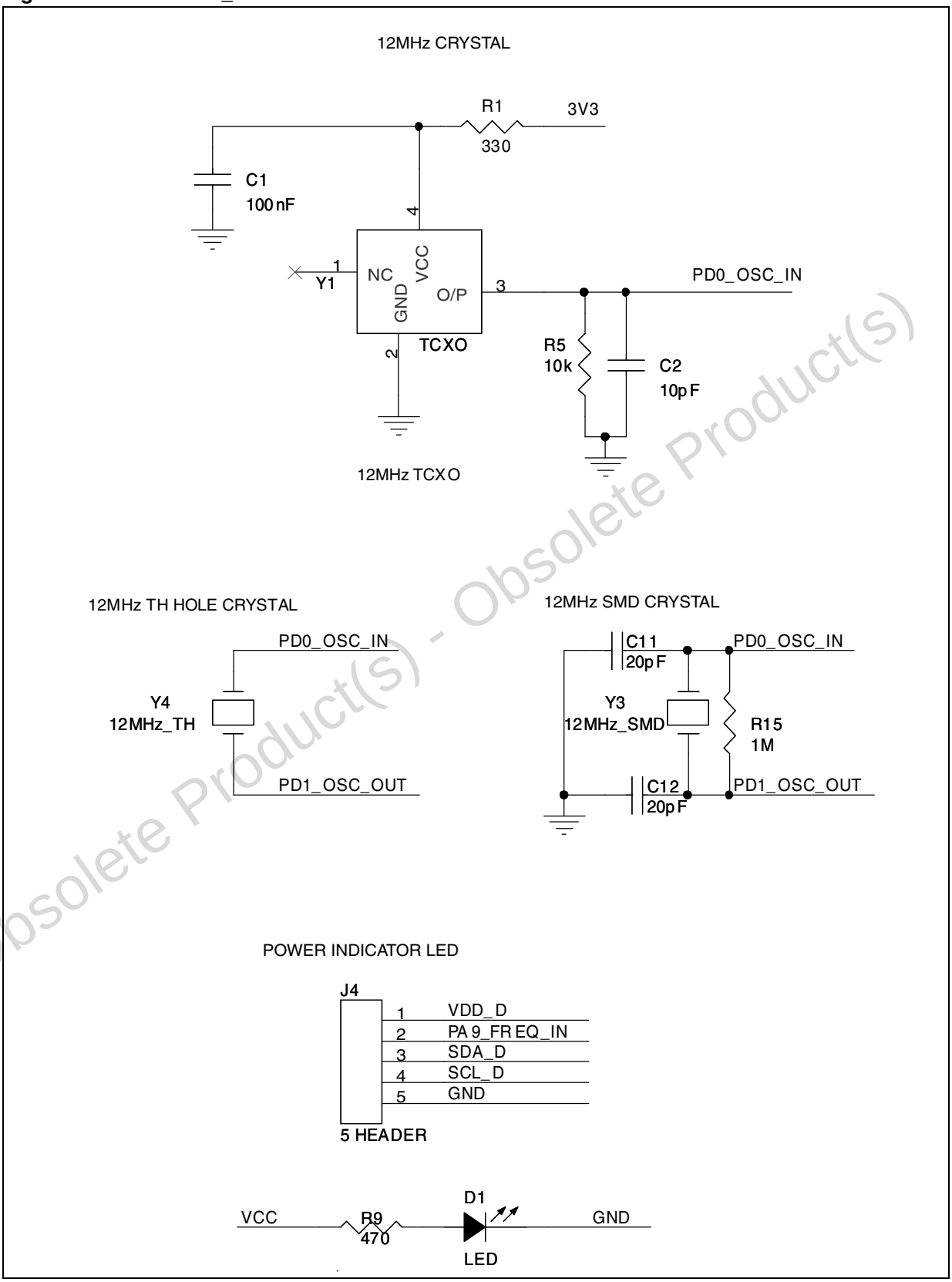


Figure 4. Schematic_4 (JTAG)



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Figure 5. Schematic_5



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2 Revision history

Table 1. Document revision history

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

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