



# STEVAL-SCM001V1

RTC dongle demonstration board  
based on the M41T62 and ST72651AR6

Data Brief

## Features

- Small mechanical size: 65 mm X 22 mm, with a USB connector
- User-friendly GUI (graphical user interface), allowing the user to:
  - directly monitor/control RTC parameters
  - switch between various application modes (RTC/mass storage)
  - select the voltage supply of the RTC (ST72651AR6 regulator/capacitor)
  - access a help window to explain all GUI operations



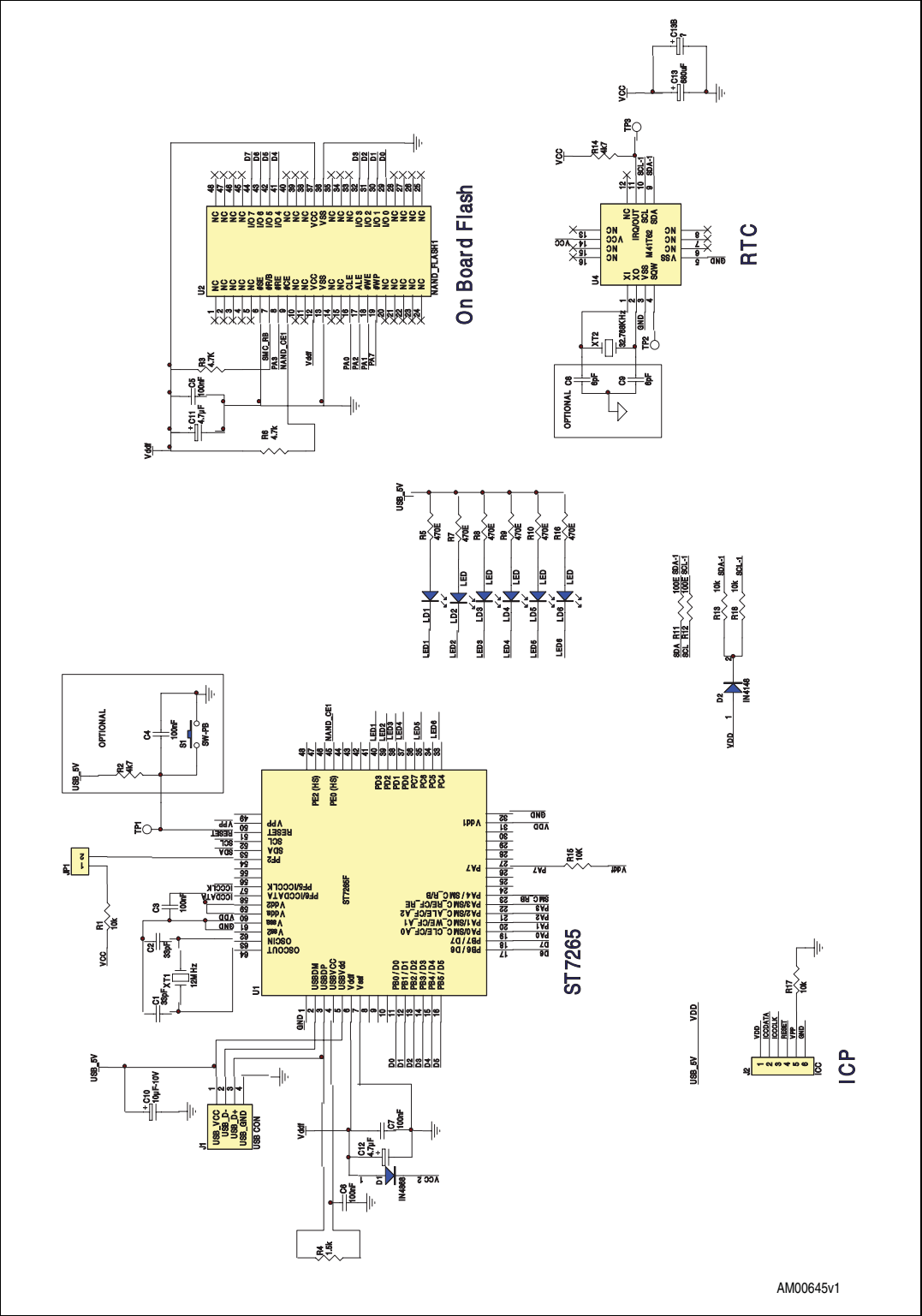
STEVAL-SCM001V1

## Description

The STEVAL-SCM001V1 RTC dongle demonstrates all the features of STMicroelectronics' M41T62 serial access RTC (real-time clock), as well as the mass storage capability using the ST7 USB. The demonstration board also demonstrates the RTC operation using a capacitor or the ST7 MCU regulator as a supply.

# 1 Circuit schematic

Figure 1. Schematic diagram



AM00645v1

## 2 Revision history

**Table 1. Document revision history**

Date	Revision	Changes
30-Jun-2008	1	Initial release.

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