



RV-3028-C7

SWISS Precision Real Time Clock

DESCRIPTION

The TexDuino RTCRV3028A module is a SWISS Accuracy Real Time Clock based on the extreme low power RV-3028-C7 from Micro Crystal. This board exposes only the I2C pins.

For ease of use it exposes only the I2C interface of the RV-3028-C7 package.
The included battery should keep the module running for 10 years or more.

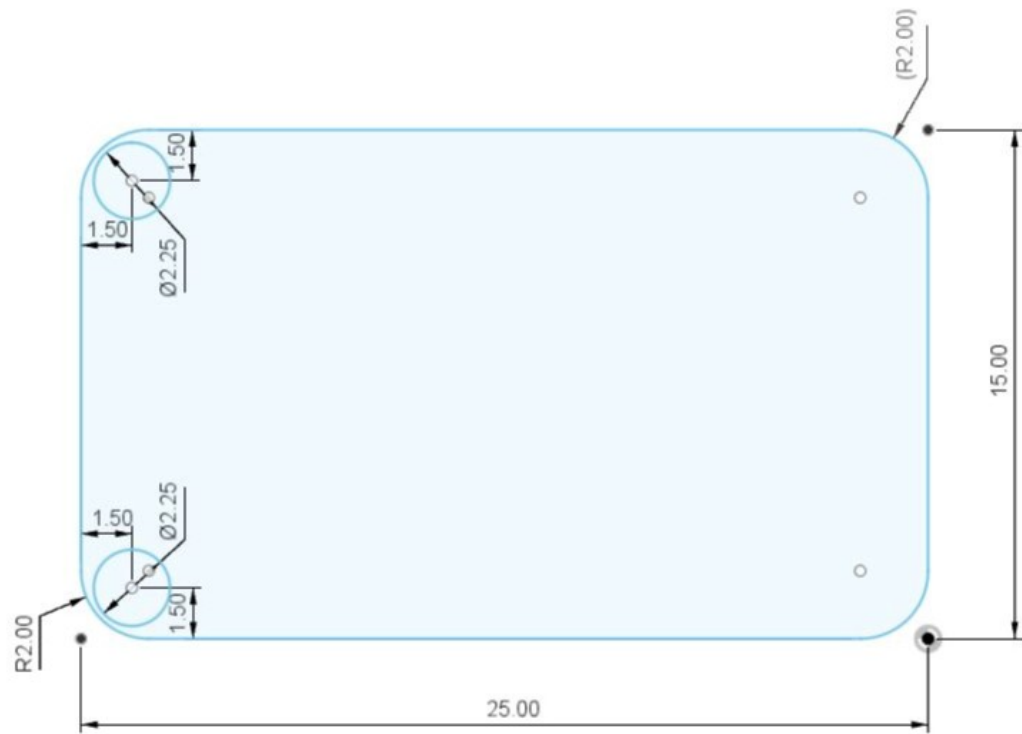
FEATURES

- Complete calendar clock second, minute, hours, week, date, month and year
- I2C interface (I2C Address: 0x52)
- Includes backup battery with expected 10+ years run time
- This board exposes only the I2C pins

PIN DESCRIPTION (See Micro Crystal RV-3028-C7 datasheet for complete details)

Symbol	Pin #	Description
Vcc	1	Power Supply Voltage
SCL	2	I2C Serial Clock Input. In VBACKUP Power state, SCL pin is disabled.
SDA	3	I2C Serial Data Input-Output; open-drain. In VBACKUP Power state, SDA pin is disabled.
Gnd	4	Ground

BOARD DIMENSIONS



SCHEMATIC

