

FACTSHEET

ANG1010-EVALUATION KIT



ANG1010-DK evaluation kit for the ANG1010 Ultra-Low Power Standby Mode Controller

Description

The ANG1010-DK evaluation kit provides a quick and easy means to become familiar with the various features of the ANG1010 Ultra-Low Power Standby Mode Controller and its extensive configuration options. The kit is a very useful and helpful tool for the development of the end-user application.

When connected to a USB port of a Windows PC, a user-friendly representation of the registers in the ANG1010 allows register settings to be programmed, altered and queried. The effect of the settings can immediately be observed in the behavior of the ANG1010. Also the on-chip EEPROM can be accessed allowing default settings to be tailored to a specific application.

The behavior of the ANG1010 can be observed by attaching external measurement equipment (oscilloscope, DVM and other) to the various measurement access point terminals that are provided on the evaluation board.

Power to the ANG1010 evaluation kit assembly can be supplied from the on-board battery, an auxiliary supply source or from the PC's USB port.

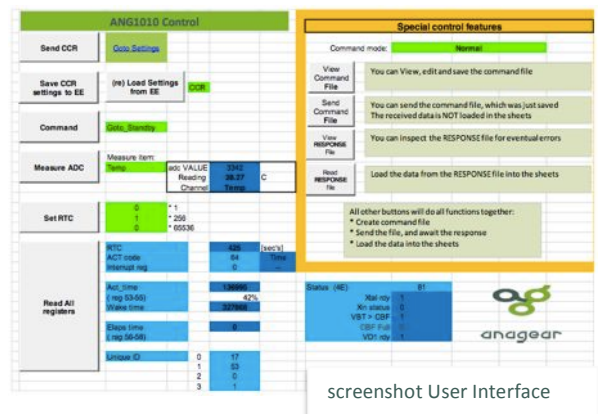
The comprehensive ANG1010-DK User Manual provides detailed information on the evaluation board set up, the various jumper options and the measurement access point terminals. It also contains software installation instructions and a detailed description of the user interface.

Kit contents



The ANG1010-DK evaluation kit contains the following elements:

- Evaluation board assembly which consists of:
 - the ANG1010 demo board with the ANG1010, an on-board primary battery holder, a super capacitor for energy storage, multiple measurement access point terminals, configuration jumpers, connectors for an



screenshot User Interface

external power supply, a photovoltaic panel, an SPI interface and level shifters.

- An Arduino UNO open-source computer board, which merely acts as the interface between the ANG1010 SPI interface and the USB port on the PC.
- A USB adapter cable
- A Sanyo AM1454CA amorphous silicon solar cell for indoor applications.
- An Anagear USB memory stick containing:
 - The user interface software, based on MS-Excel. Supported environment: Windows-7 with Excel-2007 or Excel-2010
 - Driver software for the USB interface
 - Driver software for the Arduino UNO
 - ANG1010-DK User Manual
 - ANG1010-DK Schematics
 - ANG1010 Data Sheet

Ordering information

Part number	Description
ANG1010-DK	ANG1010-DK evaluation kit

Ask Anagear

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