



AS5601-SO_EK_ST

Evaluation Kit

Quickstart Guide

Step 1: Kit Content

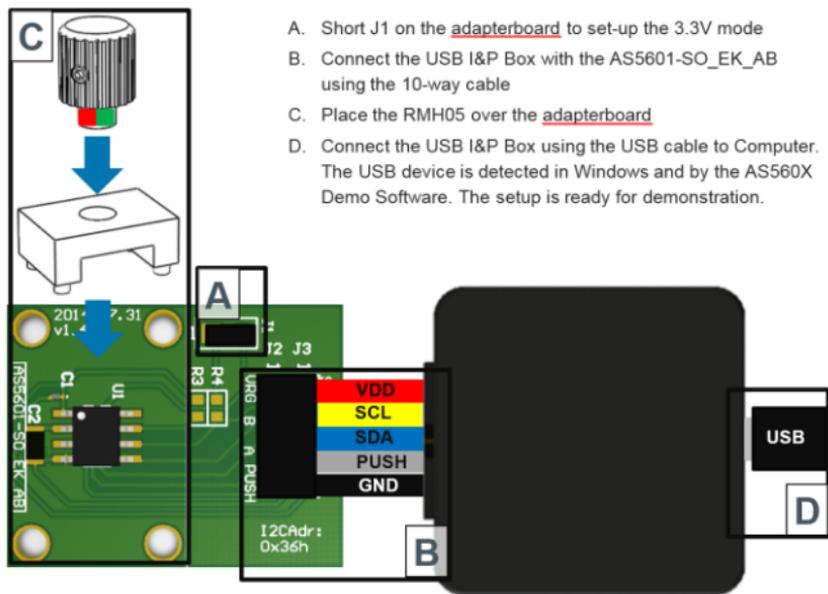
This kit contains following material listed in the table below. Additional information about material can be found on our webpage.

No.	Item	Info
1	USB I&P Box	Programming and Interface Box (Includes USB Drive, USB Cable, 10way cable, USB I&P Box)
2	AS5601-SO_EK_AB	Adapterboard including reference magnet
3	RMH05-DK-XX-1.0	Rotary Magnet Holder with Knob

Step 2: Install the AS560X Demo Software

The Software is located on the USB drive that comes with the USB I&P Box or it can be downloaded from our webpage. After Installation run the software.

Step3: Assemble the Hardware Setup



- A. Short J1 on the adapterboard to set-up the 3.3V mode
- B. Connect the USB I&P Box with the AS5601-SO_EK_AB using the 10-way cable
- C. Place the RMH05 over the adapterboard
- D. Connect the USB I&P Box using the USB cable to Computer. The USB device is detected in Windows and by the AS560X Demo Software. The setup is ready for demonstration.

Step4: Using the software

Following steps are required to perform a configuration and to read-out the AS5601. Read the software user manual for details.

- A. Perform the desired configuration
- B. Perform the required angle programming.
- C. Verify the results

Support

Download the latest manual from the product webpage:

<http://www.ams.com/eng/Support/Demoboards/Position-Sensors/Rotary-Magnetic-Position-Sensors/AS5601-Eval-Kit>

Note:

This Programmer is for LAB Evaluation only.

Do not use it as a Production Programmer!

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