AS5600-SO_EK_ST

Evaluation Kit
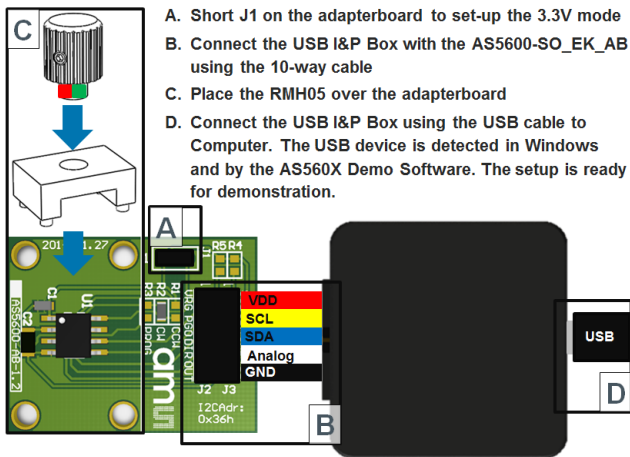
Quickstart Guide

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	AS5600-SO_EK_AB	Adapterboard including reference magnet
3	RMH05-DK-XX-1.0	Rotary Magnet Holder with Knob

Step 2: Install the AS5600 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 AS5600-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 AS5600. 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/AS5600-Eval-Kit

Note:

This Programmer is for LAB Evaluation only.

Do not use it as a Production Programmer!

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