ams

Eval Kit Manual

AS5247

Socket Board

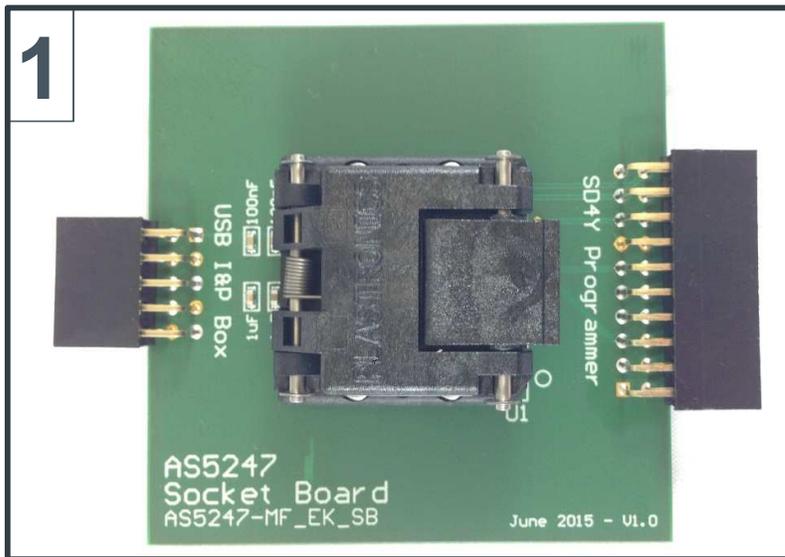**AS5247-MF_EK_SB**

Content Guide

1 Introduction

The AS5247-MF_EK_SB socket board is used for quick programming of AS5247 magnetic rotary position sensors without soldering due to its ZIF socket.

This board can be used in combination with the USB I&P Box or the SD4Y production programmer.

1.1 Kit Content

Figure 1: Kit content

Pos.	Item	Comment
1	AS5247-MF_EK_SB	Socket board

2 Board description

The PCB offers 2 connecting options: The 5-pin dual-row connector on the left side for connecting to the USB I&P Box and the 10-pin dual-row connector on the right side for connecting to the SD4Y Production Programmer.

A ZIF Open-Top-Socket for MLF packages is mounted in the middle. Pin 1 of the IC is indicated by a small dot on the right bottom corner of the socket or by the label on the PCB.

All passive components needed for proper operation are included on the PCB. Only a power supply mode of 5V is possible.
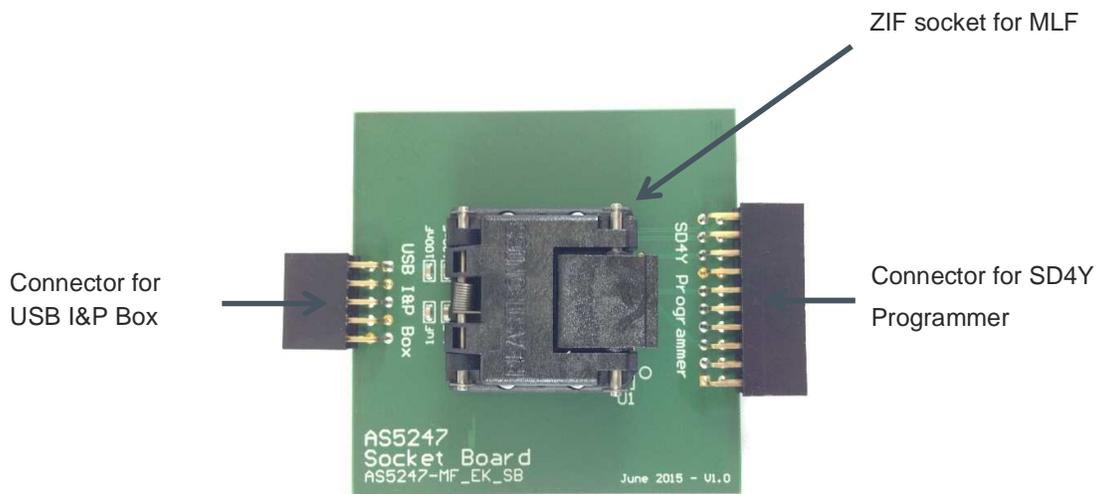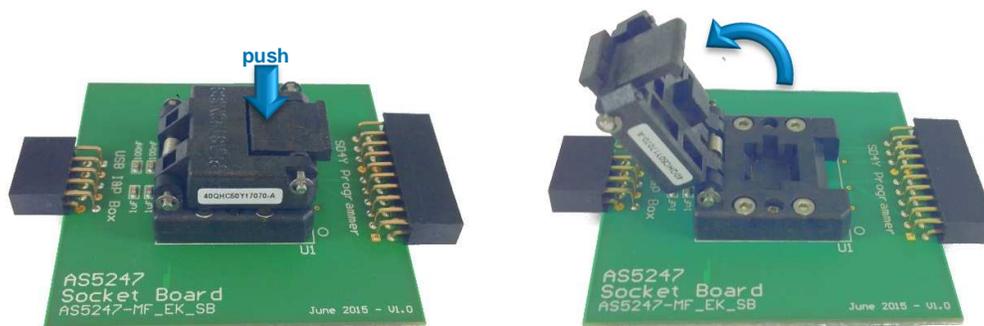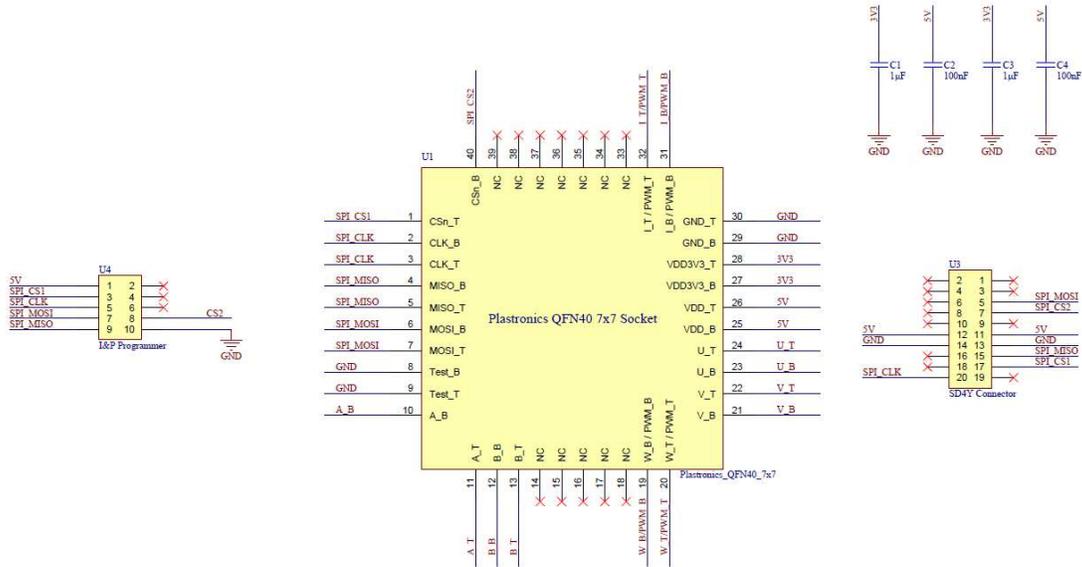
Figure 2: AS5247 socket board

Figure 3: open ZIF socket

3 AS5247-MF_EK_SB Hardware

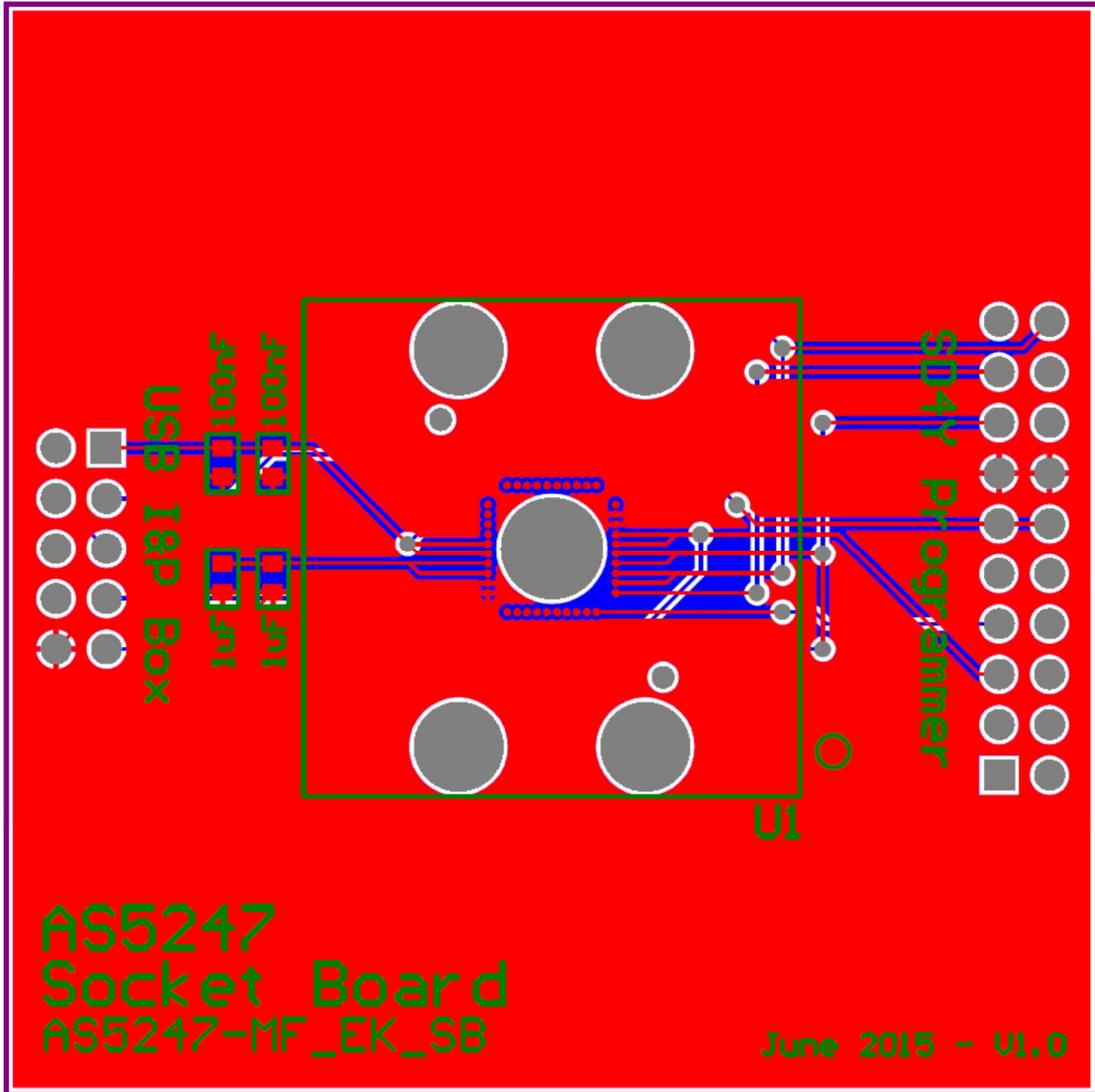## 3.1 AS5247-MF_EK_SB schematics

Figure 4: AS5247-MF_EK_SB schematics

3.2   AS5247-MF_EK_SB PCB layout

Figure 5: AS5247-MF_EK_SB PCB layout

4 Ordering & Contact Information

Ordering Code	Description
AS5247-MF_EK_SB	AS5247 Eval Kit Socket Board

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6 Revision Information

Changes from previous version to current revision 1-00 (2015-Aug-28)	Page
Initial version 1-00	

Note: Page numbers for the previous version may differ from page numbers in the current revision.

Correction of typographical errors is not explicitly mentioned.

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