ON Semiconductor®

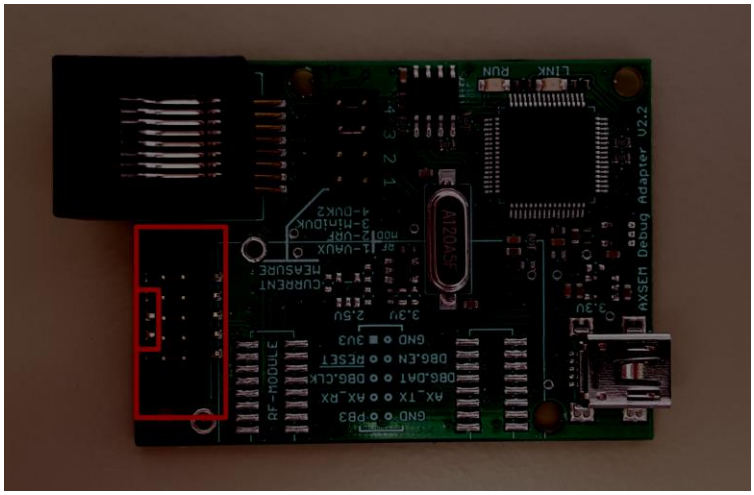
Test Procedure for the AXDBG-2-GEVK Evaluation Board

1 Requirements

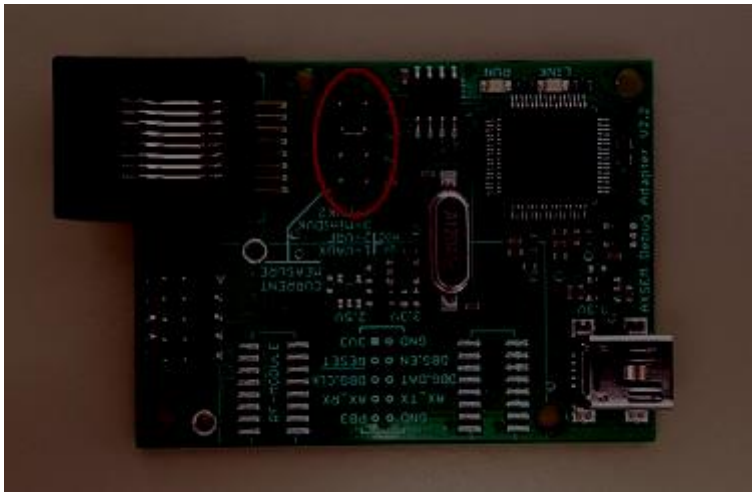
- Windows computer or laptop
- AXSDB (part of the AXSEM IDE)
- F143 MOD A or B

2 Visual inspection

1. Are all required parts assembled?



2. Pinheader mounted correctly?
3. All 4 jumpers mounted? (if not, mount them manually)



3 Programming

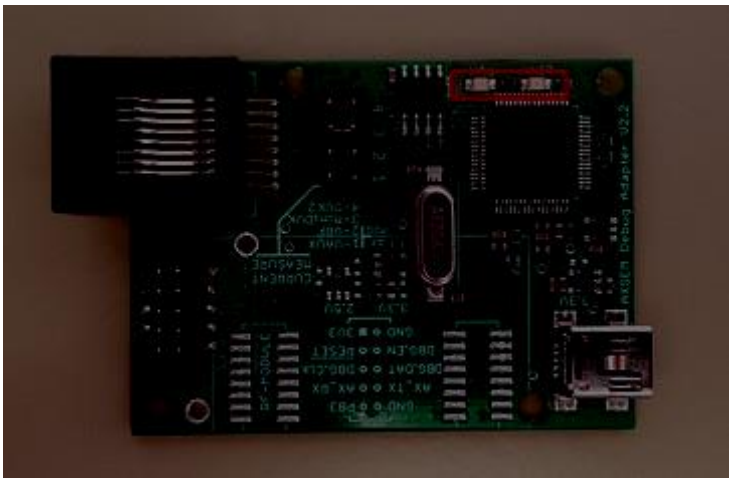
1. Connect the AXDBG to a computer (the first time Windows requires some time to install drivers)
2. Open a Command terminal CMD
3. Execute: ***axftdieeprog -p -f -s 3***
4. Unplug and re-plug the AXDBG (required for Windows to recognize the newly installed Software)

4 Testing

1. Connect a F143-MINI-A-MOD or F143-MINI-B-MOD to the AXDBG
2. Execute: ***axsdb --flashprog \path\to\file\sendCW.omf***
   Desired output:

   axsdb --flashprog sendCW.omf
   Programming Serial 00000003
   Bulk erase...
   Flash program...
   Run program...

3. Check the red LED, it should be illuminated during the programming



4. Check the green LED, it should flash shortly after programming

5 Packaging

➓ If all test are passed the AXDBG get sealed in 3” x 5” ESD bags (size is not critical)

6 Boxing

Note: AXDBG is also part of most other DVK's, therefore only a small portion of the AXDBG gets packaged in boxes and sent to Singapore.

Box: Rajapack RPT102

Contents:

1. AXDBG
2. Mini USB to USB cable
3. Flat ribbon cable
4. Disclaimer, OnSemi logo is on top, first thing to see if box is opened