



000153-005 X4M03

PCBA Manufacturing Documentation

X4A02 with X4SIP02 mounted together with XTMCU02

By Novelda AS
2017-06-07



Document description

This document describes the assembly specifications for the current PCBA.

Contents of this document

- Notes to Manufacturer
- BOM-changes
- Schematic prints
- Assembly drawing



Notes to Manufacturer

This assembly consists of 2 PCBAs assembled together using screws, spacers and nuts.

See Assembly drawing for details.



BOM-changes

Revision 5

- Changed A1 to X4M05 PCBA Rev3.
- Changed A2 to XTMCU02 PCBA Rev4.

Revision 4

- Changed A2 to XTMCU02 PCBA Rev3.

Revision 3

- Added plastic hex nuts H1 and H2.
- Added plastic screws H3 and H4.
- Added plastic spacers H5 and H6.
- Changed A1 to X4M05 PCBA Rev2.

Revision 2

- Change A1 to X4A02-T1 PCBA Rev1.
- Change A2 to XTMCU02 PCBA Rev2.

Revision 1

Initial Prototype.



Release Notes

Revision 5 - 2017-06-07

- Changed A1 to X4M05 PCBA Rev3.
- Changed A2 to XTMCU02 PCBA Rev4.

Revision 4 - 2017-02-22

- Changed A2 to XTMCU02 PCBA Rev3.

Revision 3 - 2017-01-26

- Change A1 to X4M05 PCBA Rev2.
- Add hardware.

Revision 2

- Change A1 to X4A02-T1 PCBA Rev1.
- Change A2 to XTMCU02 PCBA Rev2.

Revision 1

Initial Prototype.

A

B

C

D

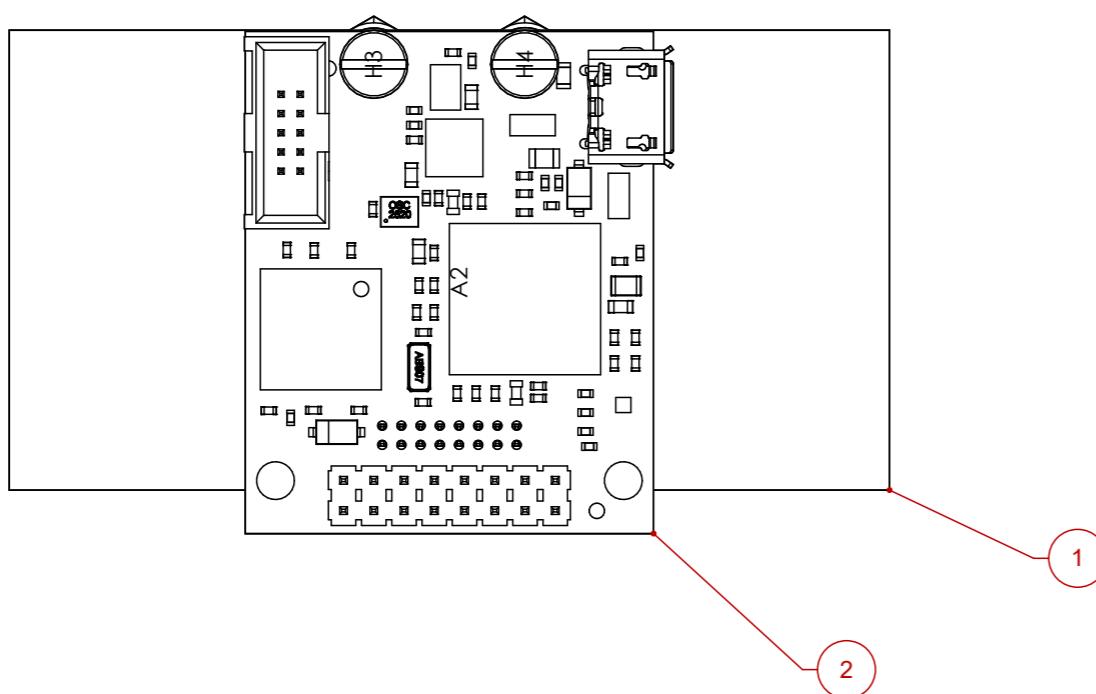
E

F

G

H

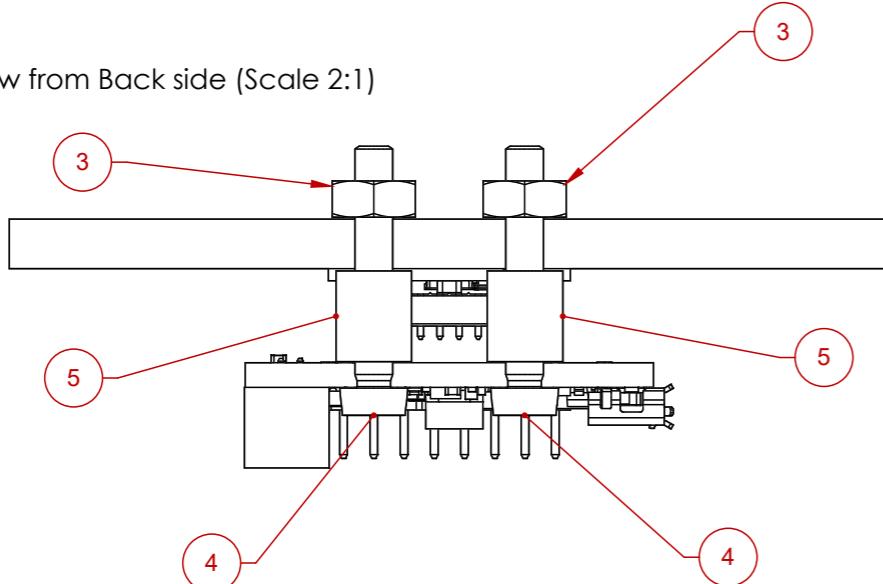
View from Top side (Scale 2:1)



Bill Of Materials

Item	Designator	Description	Quantity
1	A1	X4M05 PCBA Rev3	1
2	A2	XTMCU02 PCBA Rev4	1
3	H1, H2	HEX NUT, M2.5, PLASTIC	2
4	H3, H4	SLOTTED MACHINE SCREW, M2.5, 16MM LENGTH BELOW HEAD, PLASTIC	2
5	H5, H6	FEMALE SPACER, Ø5MM O/D, 6MM LENGTH, PLASTIC	2

View from Back side (Scale 2:1)



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Size: A3 | Scale: 1:1 | Sheet: 1 of 1

ItemNo: 000153-005

Date: 2017-06-07

Project: X4M03

Title: PCBA_Assembly

Classification: Public



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