

Assemble Specification for cB-RBEPai-02-0

Assemble Specification for cB-RBEPai-02-0



Assemble Specification for cB-RBEPai-02-0

Table of content

1	Objective	3
2	Assemble overview	4
2.1	Bill of material (BOM)	4
2.1.1	Parts included in the design	4
2.2	Patches	4
2.3	Labels	4
2.4	Mechanical assemble	5
2.5	Application download	7
2.6	Production test	7
2.6.1	Test instructions	7
2.6.2	Test report	7

Assemble Specification for cB-RBEPai-02-0

1 Objective

This document is a document for assembly of a cB-RBEPai-02-0 product.

Assemble Specification for cB-RBEPai-02-0

2 Assemble overview

2.1 Bill of material (BOM)

2.1.1 Parts included in the design

Mechanics, mounted PCB's, connectors etc. The BOM is unique for every product.

Document name:	cB-0186 (cB-RBEPai-02-0) BOM
Document number:	
Document file:	cBProject-0810-05 cB-0186 (cB-RBEPai-02-0) BOM.xls
Revision:	1

2.2 Patches

Document name:	
Document number:	
Document file:	
Revision:	
Time consumption [s]:	

2.3 Labels

Printed label part no:	cB-7433-01
Printed label revision:	1.0
Label document file:	
Label document revision:	
Label part no:	



Assemble Specification for cB-RBEPai-02-0

2.4 Mechanical assemble

1. Open the test program named "cB-2150" and select artnr cB-0186.
2. Enter your name
3. Press Login.
4. Attach the "EPA Tester" connector.
5. Start the production and test of the board by pressing "Start". Wait as long as the status field is YELLOW. This takes around 1 minute and maximum 2 minutes.
6. If the status field becomes GREEN, then the board is OK. Three identical labels (cB-7433-01, BOM pos 3) are printed.

If the status field becomes RED, then the board is NOT OK.

7. Place the front label (BOM pos 2) on the plastic housing.



Figure 1 Front label mounted on the plastic housing

8. Place one of the generated labels (cB-7433-01, BOM pos 3) on the back housing according to Figure 2 and one on the side according to Figure 3. The remaining label shall be used in next production step.

Assemble Specification for cB-RBEPai-02-0



Figure 2 Label mounted on the plastic housing back



Figure 3 Label mounted on the plastic housing side

9. The cB-RBEPai-02-0 is ready for the next step.

Assemble Specification for cB-RBEPai-02-0

2.5 Application download

This step downloads the application firmware etc. to the unit.

Document name:	
Document number:	
Document file:	
Document Revision:	
Application firmware:	
Application Revision:	
Time consumption [s]:	

2.6 Production test

The test should be done when the test unit is completely assembled.

2.6.1 Test instructions

Document name:	
Document number:	
Document file:	
Revision:	
Test software:	
Test software rev:	
Time consumption [s]:	

2.6.2 Test report

Detected errors from the test phase are logged in a test report, the test report could be located at the production company or the information is from the production company.

Document name:	
Document number:	
Document file:	
Revision:	