

TI_2123: Check PCBs before replacement



iCombi Pro / Classic & iVario Pro



12/10/2021

Reason:

Due to the current supply shortage of semiconductors and other components, we would like to ask you to observe the following points before replacing faulty PCBs in order to prevent unnecessary replacement.

Affected units (unit size and unit type):

iCombi Pro / iCombi Classic

- 6-1/1 to 20-2/1

iCombi Pro

- 6-2/3

iVario Pro

- All

Affected components

#	Component	Unit
42.00.251(P)	CPU PCB	iCombi Pro iVario Pro
40.05.919(P)	I/O module cpl.	iCombi Pro / iCombi Classic 6-1/1 to 20-2/1
42.00.280	I/O PCB without metal cage	iCombi Pro 6-2/3
87.01.860(S)	I/O PCB with power supply	All iVario Pro

Repair/modification:

Before replacing any of the above components, please carry out a general visual inspection and check the PCBs for any abnormalities.



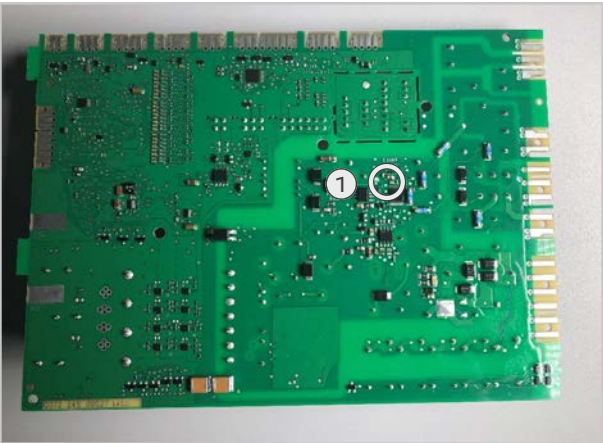
1 Faulty component on the PCB

If the visual inspection is OK, please check the LEDs on the I/O module as well as on the CPU PCB to see if all power supplies are given.

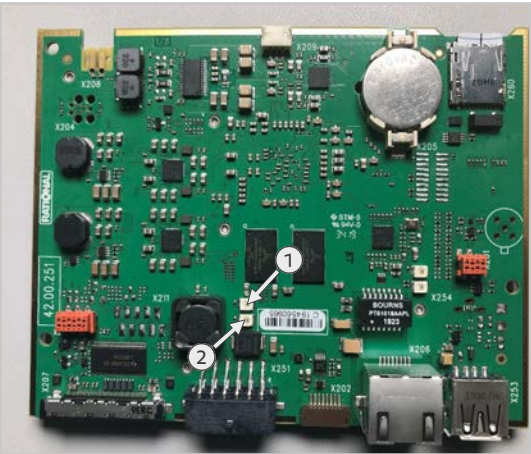
There is also a red LED on the back of the I/O module, which emits a blink code in the event of an error.



1	Power LEDs must light green
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1	LED flashes red in the event of an error (see Service Reference iCombi)
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1	LED lights up red in the event of a voltage fault
2	LED should be permanently green

In the event of a CPU PCB failure and after passing the visual inspection for abnormalities and the LEDs, please try to reset the PCB to the factory setting using the reset software before replacing the hardware.

You can obtain the software and the instructions from your RATIONAL service manager.