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| DOCUMENT:      | APPARATUS: | DATE:      |
| TECHNICAL NOTE | 61XX       | 22/01/2008 |

- To be applied to:
- ✓ MyLab60
  - ✓ MyLab70
  - ✓ MyLab70 XVision
  - ✓ MyLab70 XVG

## TECHNICAL NOTE N° 109

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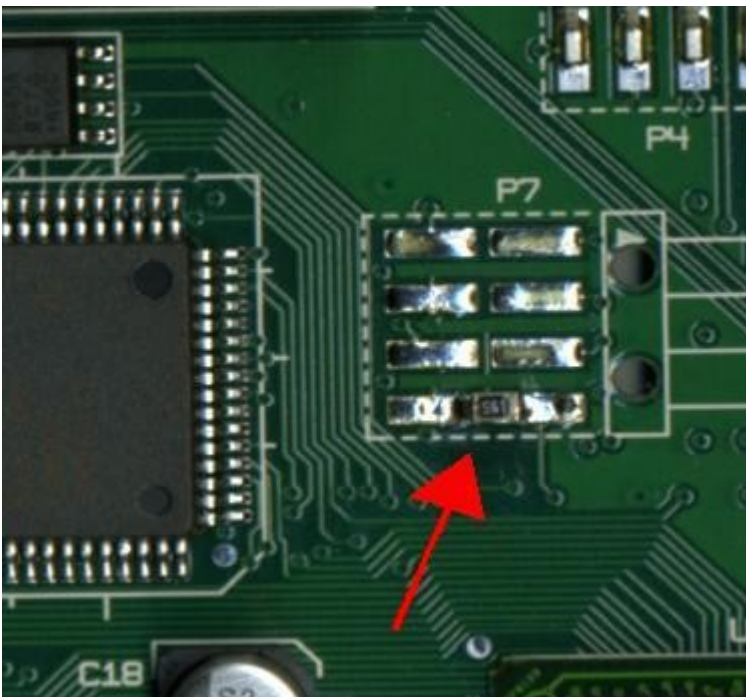
## 1.0 MODIFICATION ON PVA BOARD

### 1.1 System error message at first power up

The following modification on the PVA board (code 9501110000) has been introduced in order to solve the error due to a communication problem between the i2C logic bus and the PVA board (see TN 105):

- a resistor (560Ω, 1/8W, 1%, code 3100000372) has been inserted between pin 7 and pin 8 of P7 (not mounted)

The modifications change the IC of the part to 4. The modification is requested in case of specific problem.



#### **Traceability.**

The first s/n modified will be communicated in the next T.N.



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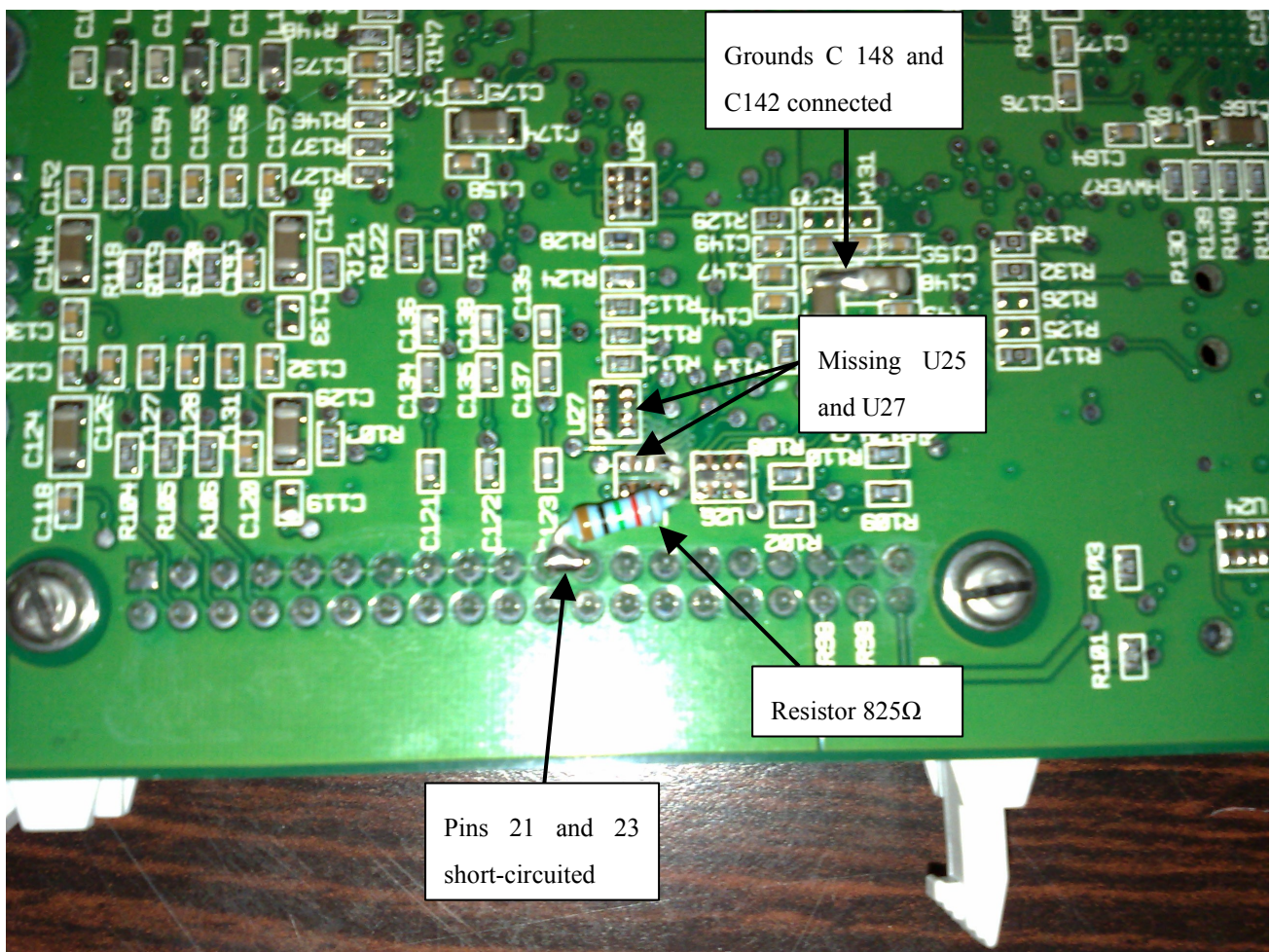
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## 1.2 System error message at first power up

The following modification on the PVA board (code 9501110000) has been introduced in order to solve the system error message at first power up (see TN 105):

- U25 and U27 (code 5100000459) are no more mounted
- the pins 21 and 23 of connector P1 are short-circuited
- a resistor (825Ω, 62mW, 1%, code 3100000462) has been inserted between pin 5 of U25 and pin 21 of P1
- the grounds of C148 and C142 have been short-circuited

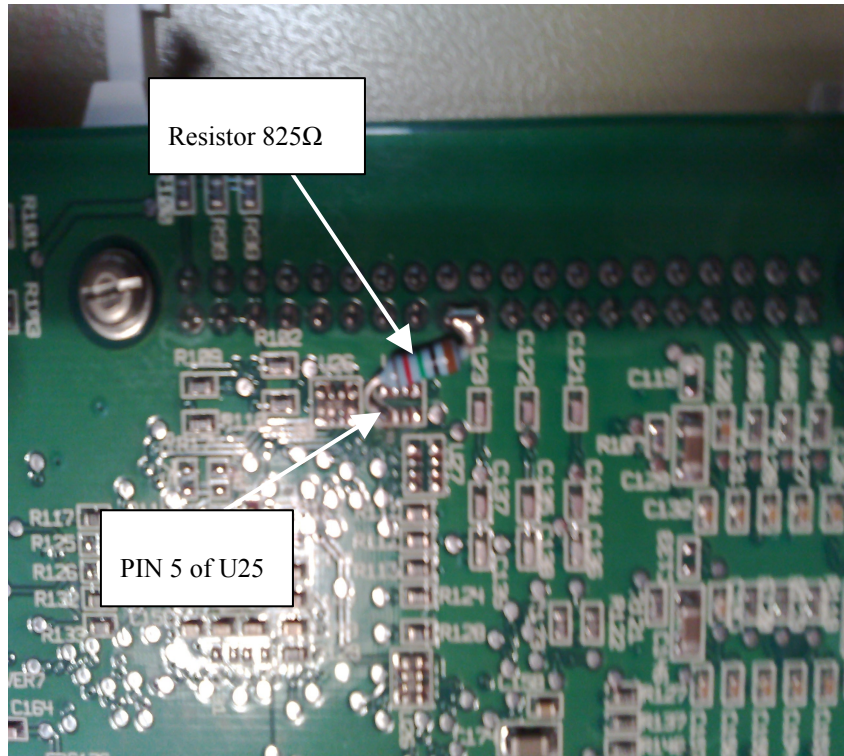
The modifications change the IC of the part to 3. The modification is requested in case of specific problem.





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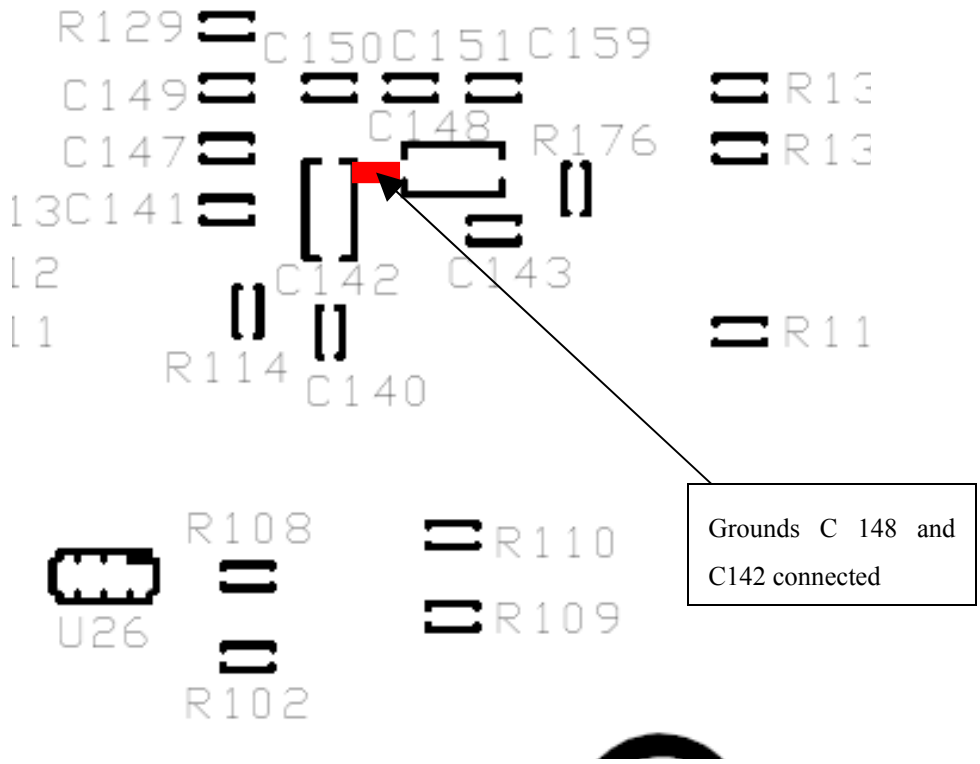
Details of the modifications (U25 and U27 has 8 pins).





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Details of the modification (connection of the grounds of C148 and C142)

**Traceability.**

The modification IC=3 has been introduced starting from the following Serial Number:  
 MyLab70 S/N 236,  
 MyLab60 and MyLab70 X-Vision S/N 3497,  
 MyLab70 XVG S/N 5092.



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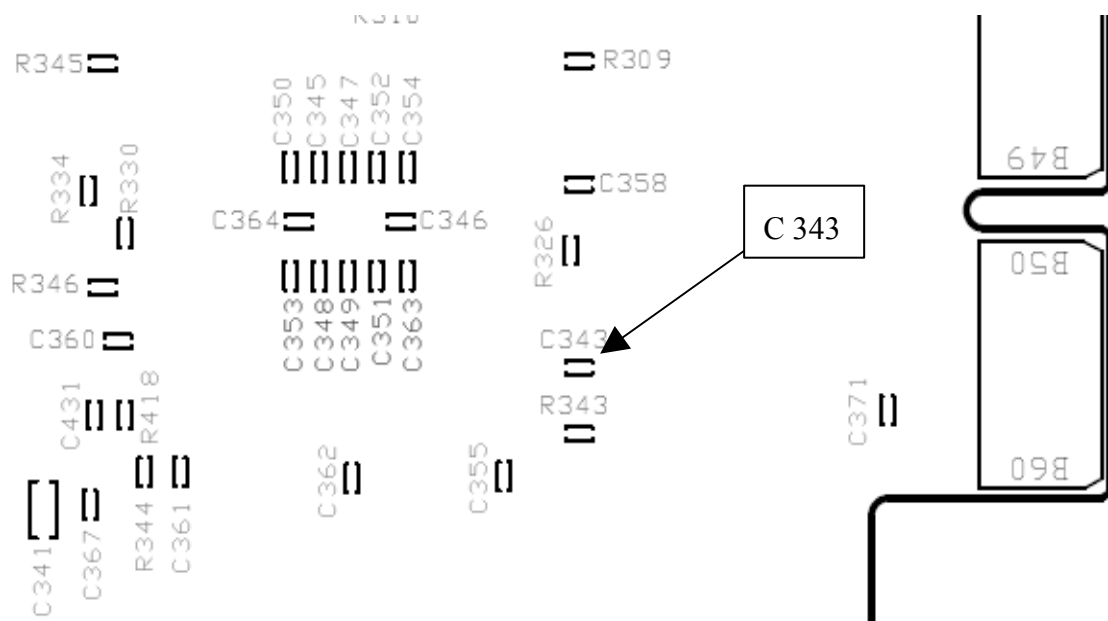
## 2.0 MODIFICATION ON DIP BOARD

The following modification on the DIP board (code 9501093000) has been introduced in order to solve a problem on the clock line:

This will create random hanging with system error message due to the DIP board.

- a ceramic capacitor 10 pF 50 V has been inserted in position C343.

The modifications change the IC of the part to 3. The modification is requested in case of specific problem.



### Traceability.

The first s/n modified will be communicated in the next T.N.