

Film-Tech

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Dolby Laboratories Inc

Field Bulletin 222

CP65 with DA20

Incorrect Wake-up Format after Power-up

- | | |
|-------------------------------------|------------------------------|
| <input type="checkbox"/> | Modification Urgent |
| <input type="checkbox"/> | Modification Required |
| <input type="checkbox"/> | Modification Recommended |
| <input checked="" type="checkbox"/> | Modify if Problem is Present |
| <input type="checkbox"/> | Information Bulletin |

Symptom

During the initial power-up sequence, a CP65 connected to Model **DA20** goes into format 04 or 05 even though the wake-up jumper on the CP65 is set to a different wake-up format. This occurs only with the **initial power-up**. The unit otherwise functions correctly.

Cause

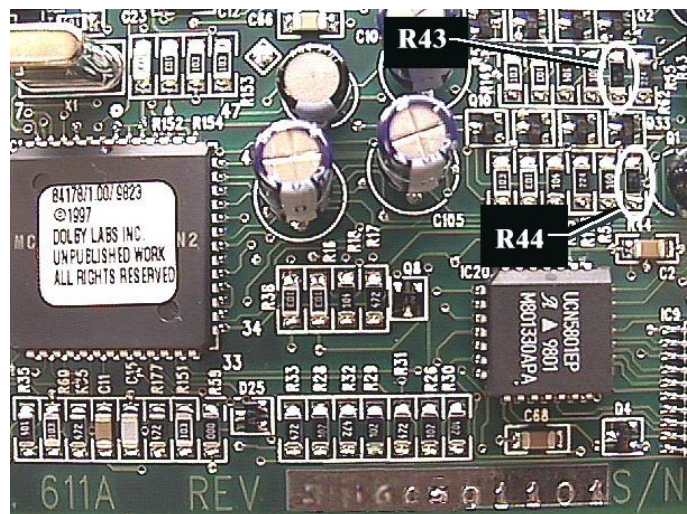
A section of the Cat. No. 611A circuit in the DA20 does not stabilize until **after** the wake-up pulse from the CP65 is received. This causes the Cat. No. 611A to issue an arbitrary format 04 or 05 pulse.

Solution

Remove two resistors, which will disable the circuit without affecting DA20 functions. The circuit causing the erroneous pulse is not necessary for proper DA20 operation.

Modification Procedure

1. Shut off the power to the DA20.
2. Remove the 12 front panel mounting screws.
3. Remove the Cat. No. 611A card from the last right-hand slot.
4. Referring to the figures below, locate resistors R43 and R44.



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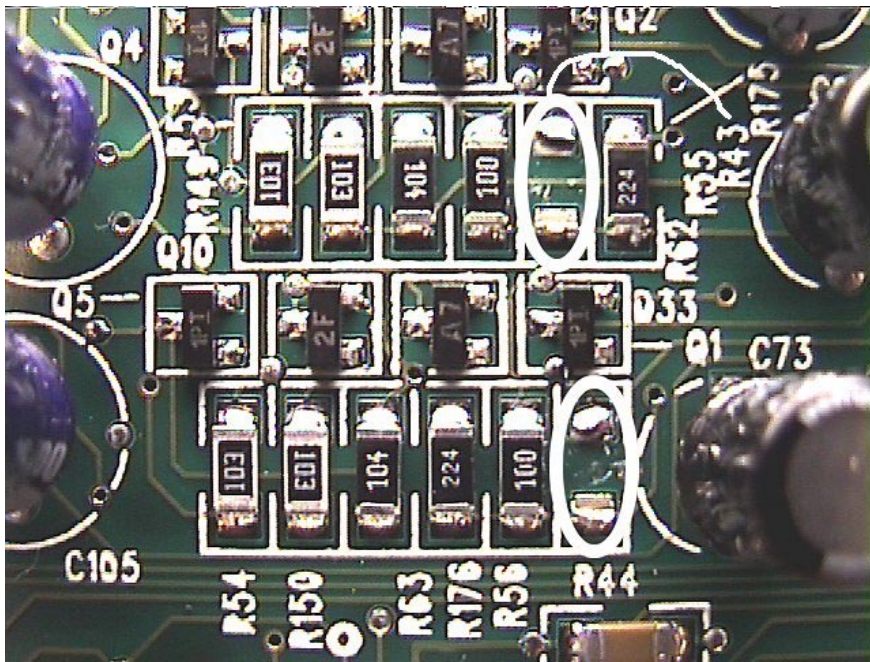
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- Using a small sharp-pointed cutter located at the center portion of the resistor body, shatter each resistor. The resistors should break away cleanly and leave no connections. **Use care to prevent the cutter's sharp tips from damaging any traces on the board beneath the resistors.**

Caution

Do not use a soldering iron. A hot soldering iron can damage the surrounding surface-mounted components or PC board traces.



- Reinstall the Cat. No. 611A in the DA20.
- Replace the front panel and the 12 mounting screws.
- Confirm proper wake-up format operation.