



Repairing Samsung SyncMaster 245B Power supply

Replace a broken resistor for the Samsung SyncMaster.

Written By: Thomas Widmaier



INTRODUCTION

Monitor does not power up (no image, no backlight), but blue power button LED goes on when pressed.

Power supply partly damaged. Replacing one resistor fixed this.

This is only one possible fault of this device, so be prepared that it might not be the reason in your case.

TOOLS:

- Desoldering Braid (1)
- Soldering Iron (1)

PARTS:

- Resistor 68Ohm (1)

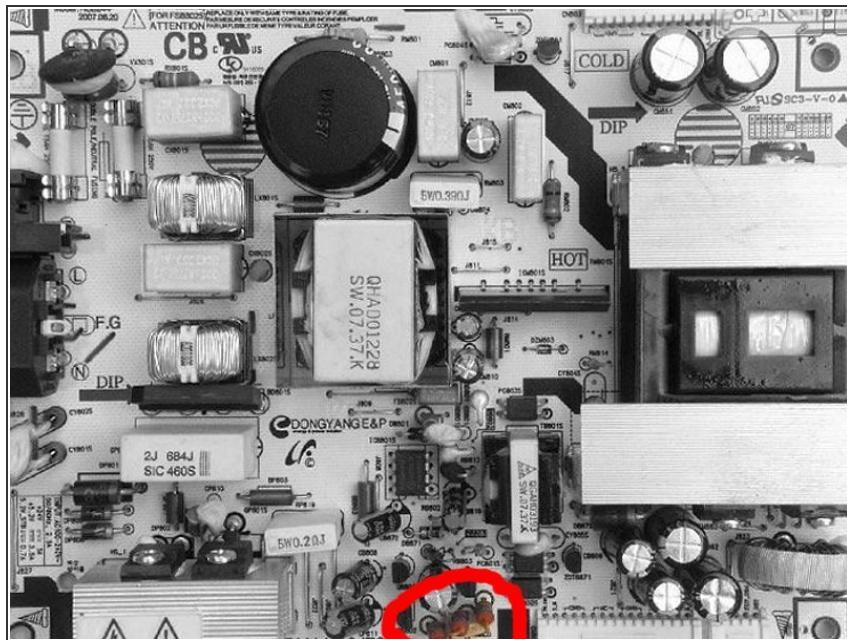
Step 1 — resistor



Disconnect power cord

- Turn monitor face down on cloth to avoid scratches
- Remove Stand by releasing screws around plate
- With opener tool or screwdriver work around the edges to release the clips that hold together front bezel and back cover
- Remove back cover
- Remove cables to CCFL (Background illumination lamps) and front bezel buttons
- Remove cage containing PCBs, release screws and remove SMSP PCB (Power supply with power inlet connector)

Step 2



⚠ Caution: The circuit board contains capacitors (they look like cylinders) that can shock you if they discharge. Be careful not to touch them as you work. If possible, use a [capacitor discharge probe](#) to safely rid the capacitors of dangerous charges.

- Red marked resistors are 68Ohm about 1Watt. Measure if they have 68Ohm and replace if not
- Put back together and test.

To reassemble your device, follow these instructions in reverse order.