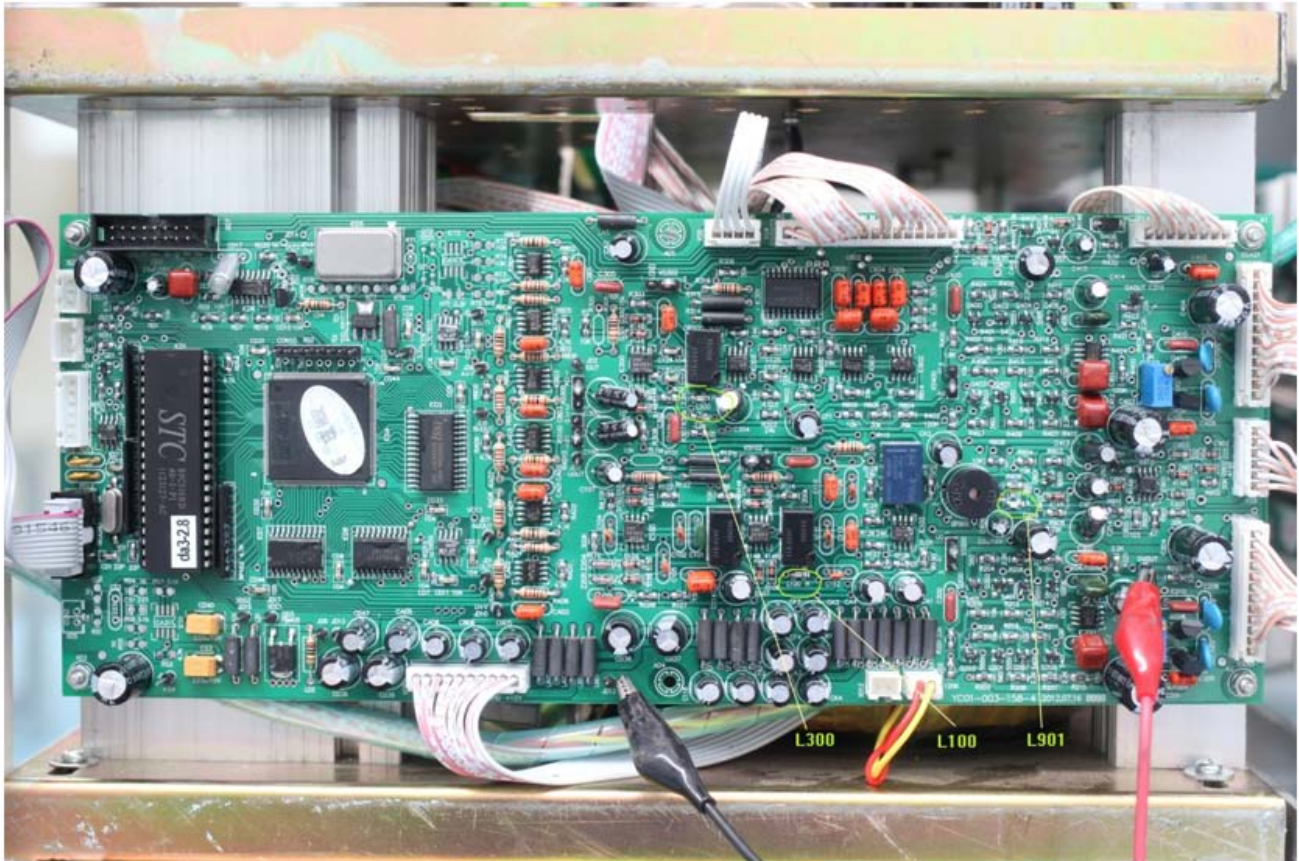


YC01-003-158 Voltage and Current D/A check

Introduction: D/A means the Digital to Analog signals output from the energy chip of the YC01-003-158 PCB. The below picture highlights the LED-light position which are relating to the D/A condition.



LED L100 indicate the voltage D/A problem, LED L300 indicate the current D/A problem, LED L901 indicated that current or voltage overload. Only the over load has beeping sound.

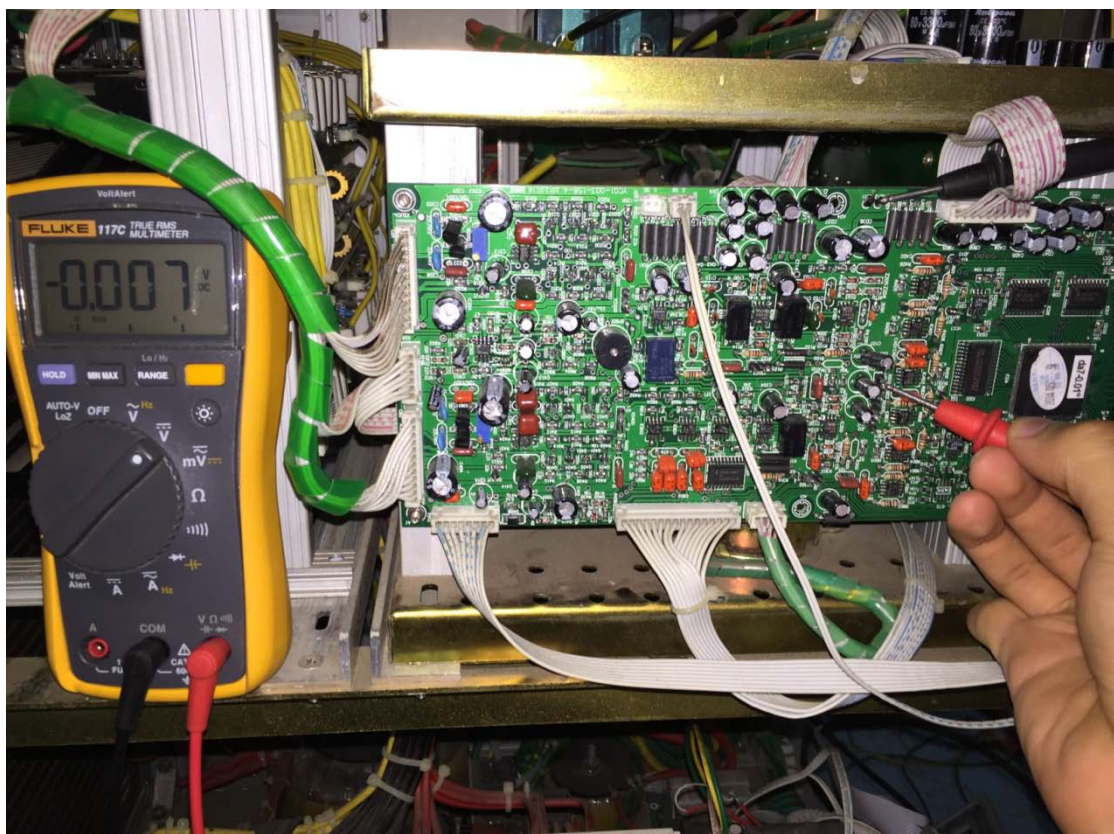
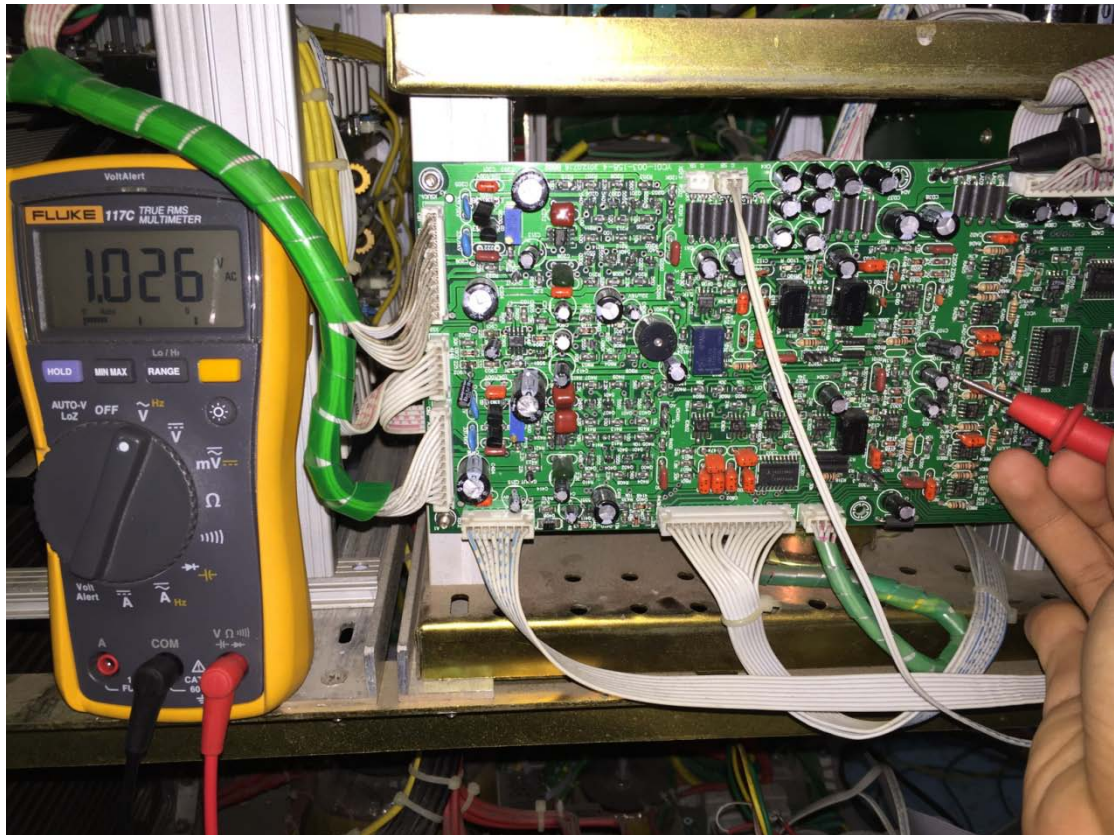
When the power source fail to raise voltage or current, and not have beeping sound. The L100(for voltage) and L300(for current) may light up. Need to check the D/A and the $\pm 30V$ & $\pm 50V$ of the radiator.

To check the D/A, need to check AC and DC voltage on the test points. There are Current test point and Voltage test point.

Power source raise to 1A 220V, check as below:

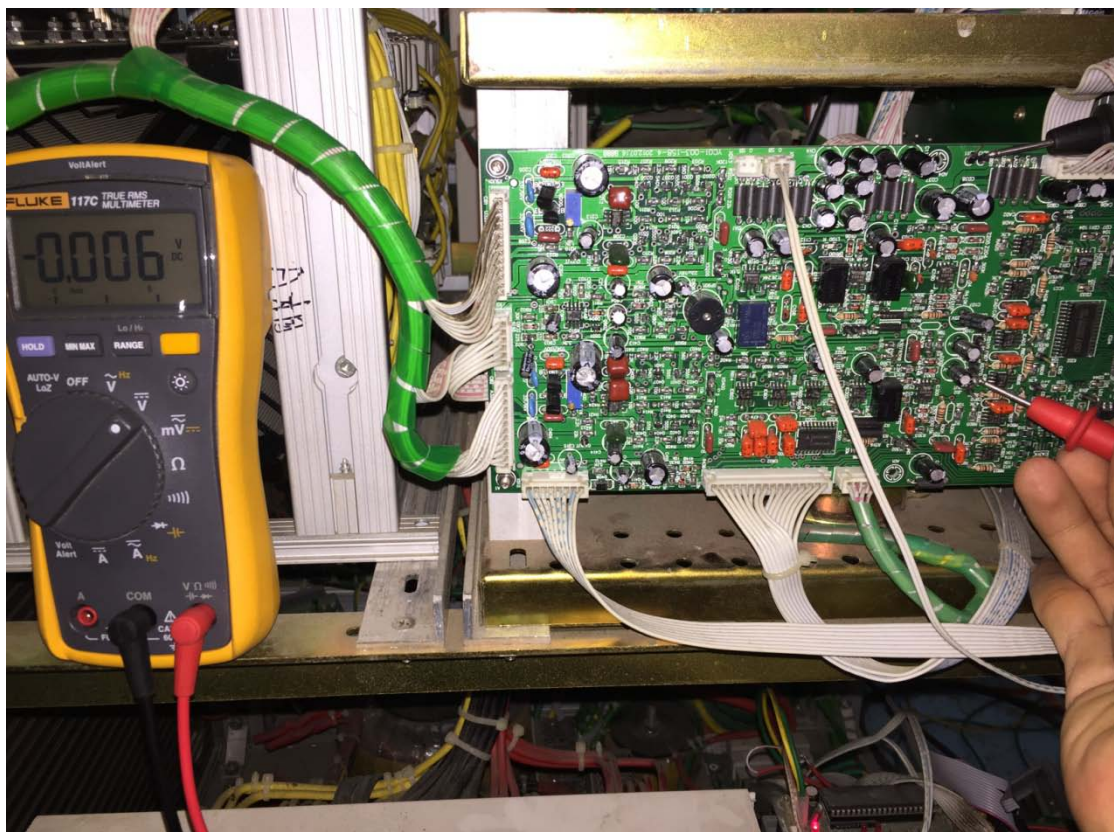
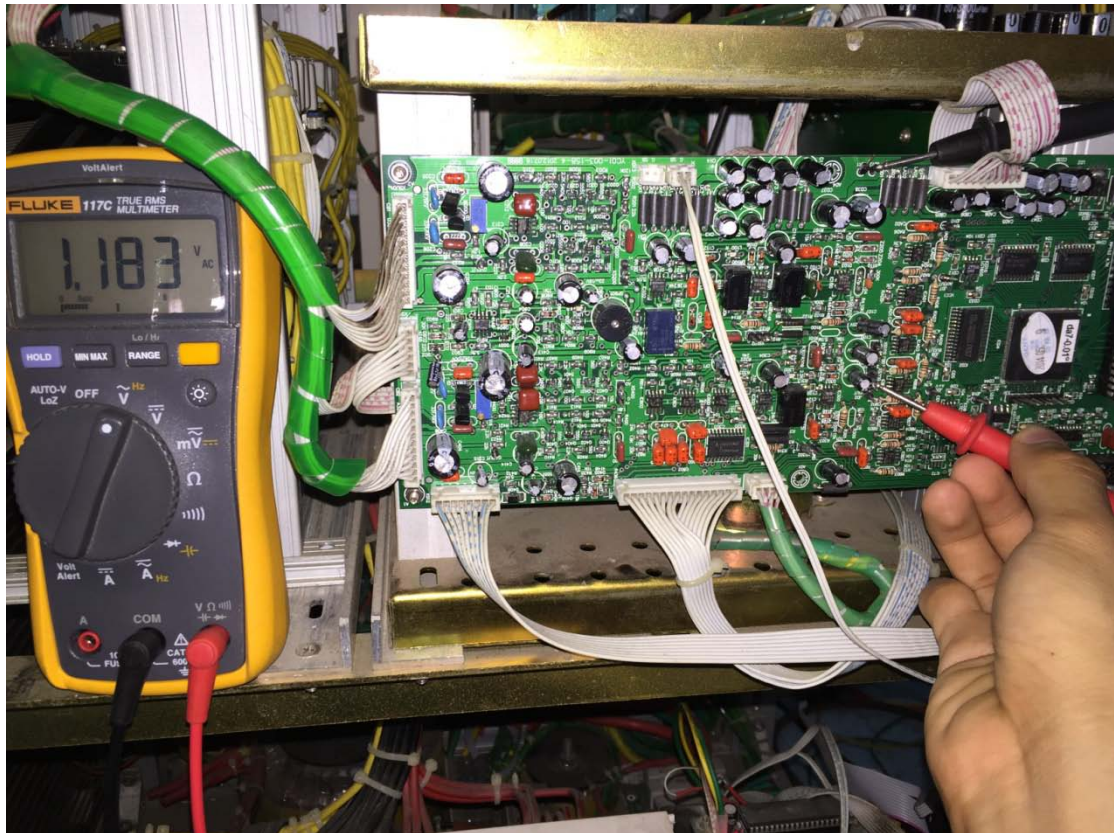
1. Voltage DA check.

Raise power source to 220V, will measure about 1.2VAC on the voltage test point and about Zero in measuring of DC voltage.



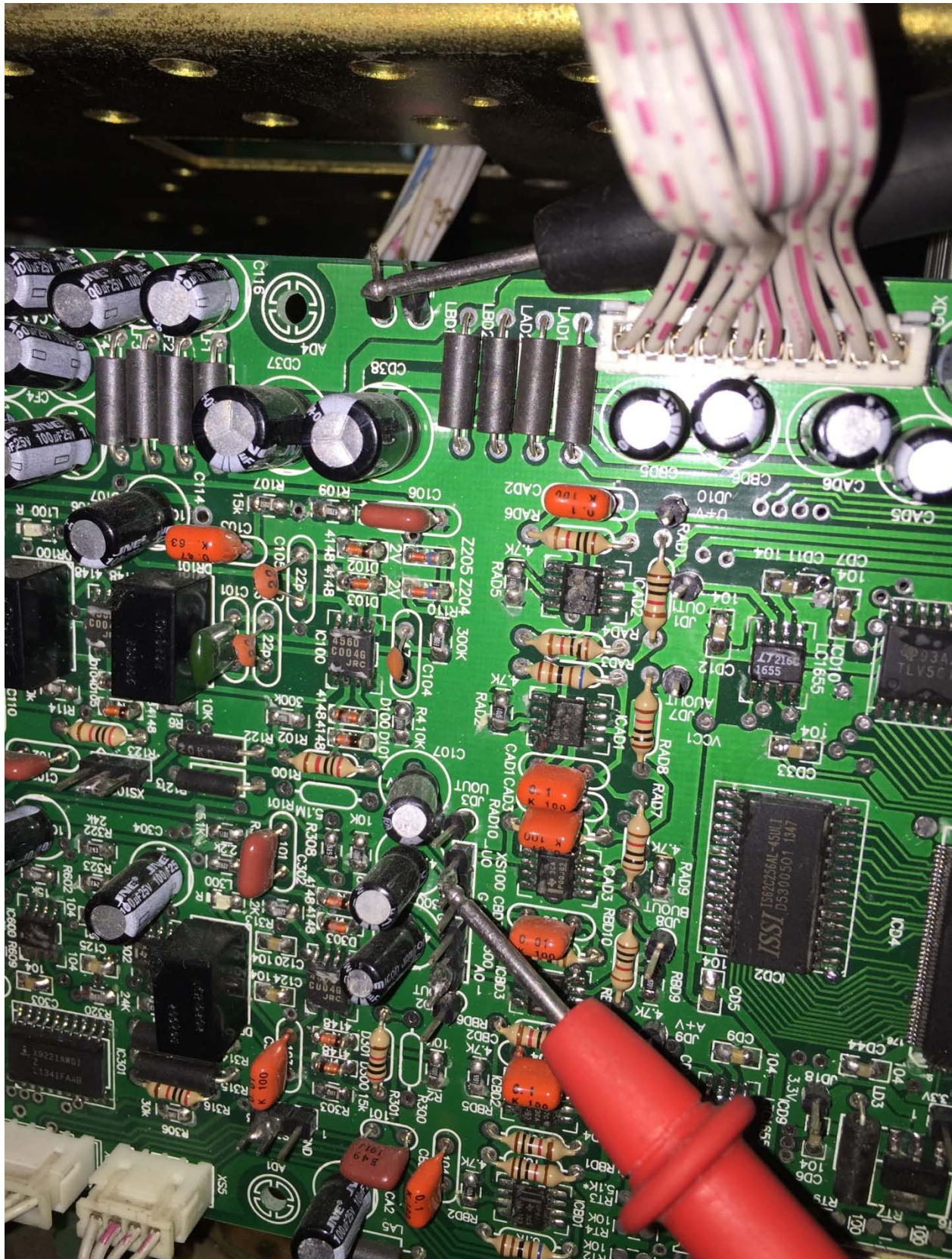
2. Current DA check.

Raise power source to 1A, will measure about 1.2VAC on the current test point and about Zero in measuring of DC voltage.

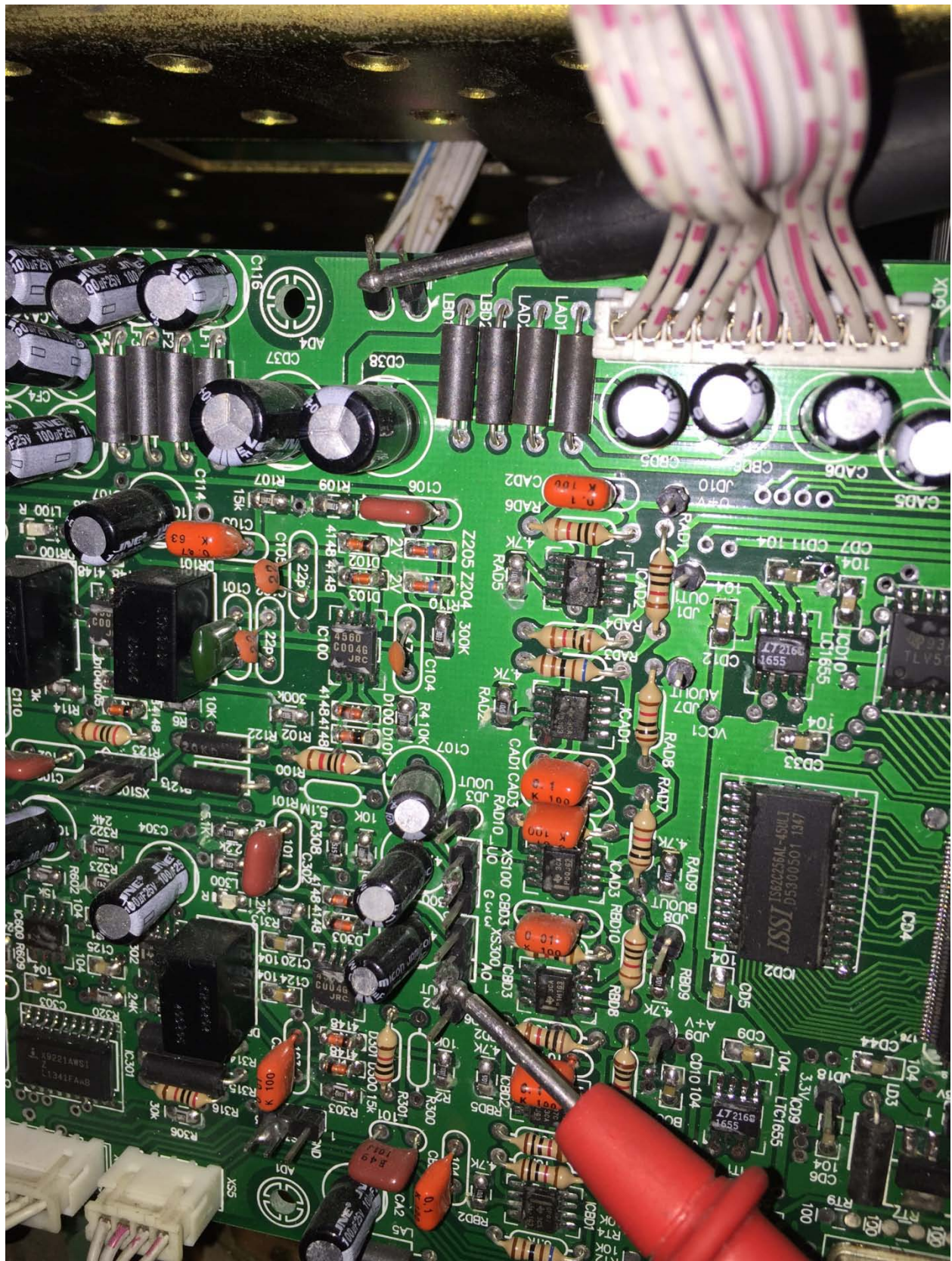


3. A close look on the current test point & voltage test point. They share the same grounding on JD11 & JD12.

Voltage test point:



Current test point:



4. Please fill in the form and send the result.

In 220V, 1A condition	VAC	VDC
Voltage test point		
Current test point		