

S1 Pro Troubleshooting Tips

Description

Refer to the S1 Pro service manual, reference number 787930-SM, located on the Professional Products page of the Bose Service web site at <http://intranet.bose.com/tsg> or <http://serviceops.bose.com> for any information not presented in this document.

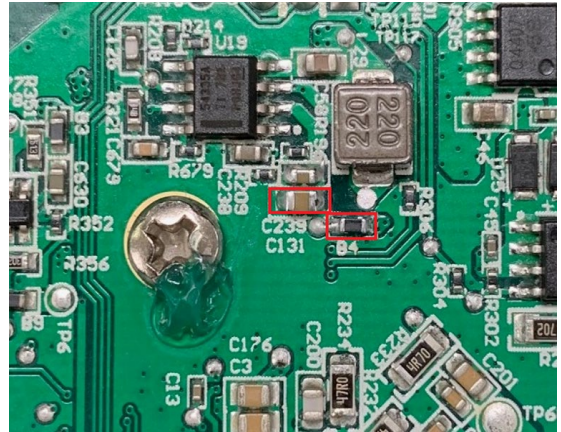
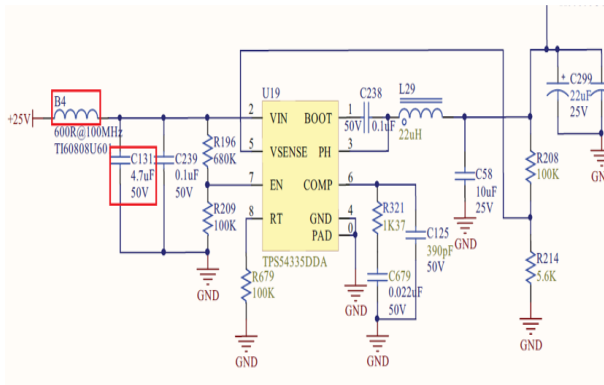
1. Preventative Repair Measures

Note: Perform the following on all units returned for repair.

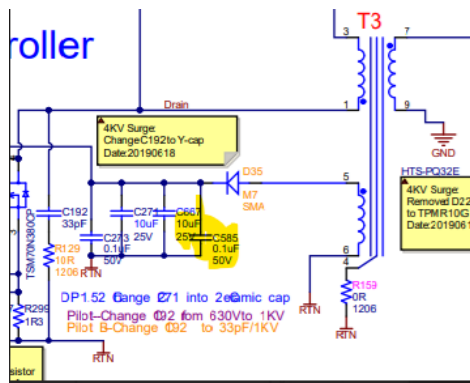
Product	Check	Action
S1 Pro	Firmware revision	Update to the latest version. Go to the S1 Pro product page, located on the Professional Products page of the Bose Service web sites listed above.

2. Troubleshooting

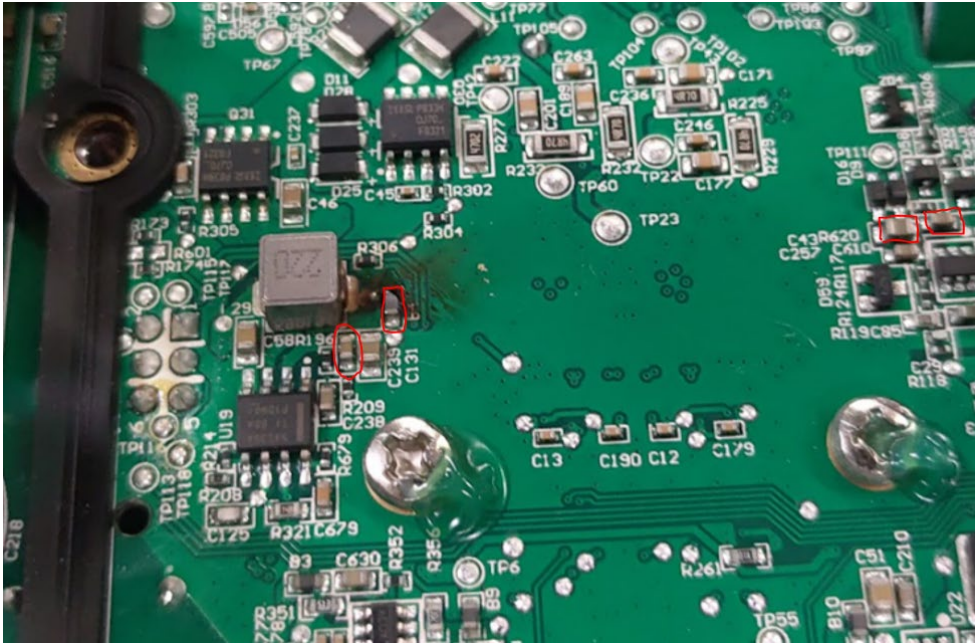
Product	Symptom	Check	Action
S1 Pro	No audio.	Check B4 & C131 on the Main PCB.	Burned B4 ferrite bead by shorted C131 ceramic capacitor. Replacing B4 and C131.



S1 Pro	The unit is completely dead.	Check C585 on the Main PCB.	Check if capacitor C585 is shorted in the primary side of the power supply. Just replacing the cap will cure the problem.
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S1 Pro	The unit is completely dead.	Check C239 on the Main PCB.	There's a chance that C239 is shorted out. This will cause the ferrite bead to burn through (B4). Replacing the cap & B4 will resolve the issue.
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S1 Pro	The unit does not power up.	Check R620 & C43 on the Main PCB.	Found open resistor R620 from a shorted cap C43. Replacing the R620 & C43. (See above PCB)
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