



Camera

Broadcast Products Technical Bulletin 20-2007-195

DATE: November 5, 2007

SUBJECT: CAMERA DOES NOT SWITCH FROM STANDBY
TO MAIN AT POWER-ON

MODEL: **HDC1000/LB**
HDC1000/LW
HDC1000/LW
HDC1000/LW1
HDC1000/LW2
HDC1500//UL
HDC1500/L
HDC1500/L
HDC1500/L1
HDC1500/L2
HDC1580/L
HDC1580/L1

DESCRIPTION

On rare occasions, the camera may not switch from Standby to Main when CAM POWER is turned ON. This symptom may occur if external noise (such as a surge) interferes with the transmission cable between the camera and CCU, resulting in damage to IC110 and IC113 on the SDI-84 board.

To protect the ICs from damage and prevent the symptom, perform the following modification procedure.

NOTE: If IC110 (6-706-482-01) and IC113 (6-706-487-01) are already damaged, replace them with new ICs.

SERIAL NO:

HDC1000/LB 12,026–12,036
 12,087–12,091
HDC1000/LW 40,001–40,026
 HDC1000/LW 10,001–10,020
 HDC1000/LW1 11,001–11,020
 HDC1000/LW2 12,001–12,025
 12,037–12,086
 13,001–13,005
HDC1500//UL All
HDC1500/L 40,001–40,120
 HDC1500/L 10,001–10,075
 HDC1500/L1 11,001–11,253
 HDC1500/L2 12,001–12,594
 13,001–13,194
HDC1580/L 50,001–50,070
HDC1580/L1 51,001–51,005

Italicized information in green applies to customers outside the United States.

PARTS REQUIRED

Part No.	Description	Qty.
1-804-499-21	Varistor, Chip (1608)	1

ORDERING INFORMATION

To order parts online, go to: <http://www.sony.com/servicesplus>. For service and parts ordering information, refer to the following document, which lists all contact telephone numbers:

Technical Bulletin 00-1999-000

MODIFICATION PROCEDURE

SDI-84 Board

1. Remove D111 (side B, zone F-4).
2. Use a utility knife to peel resist near CN102 pin 2 (side A, zone E-4) the size of 1 mm × 1 mm to create a GND area. (See Figure 1.)
3. Solder a varistor between CN102 pin 2 and GND. (See Figure 1.)

CONFIRMATION

Confirm that the camera switches from Standby to Main when CAM POWER is turned ON.

HDVM07-043

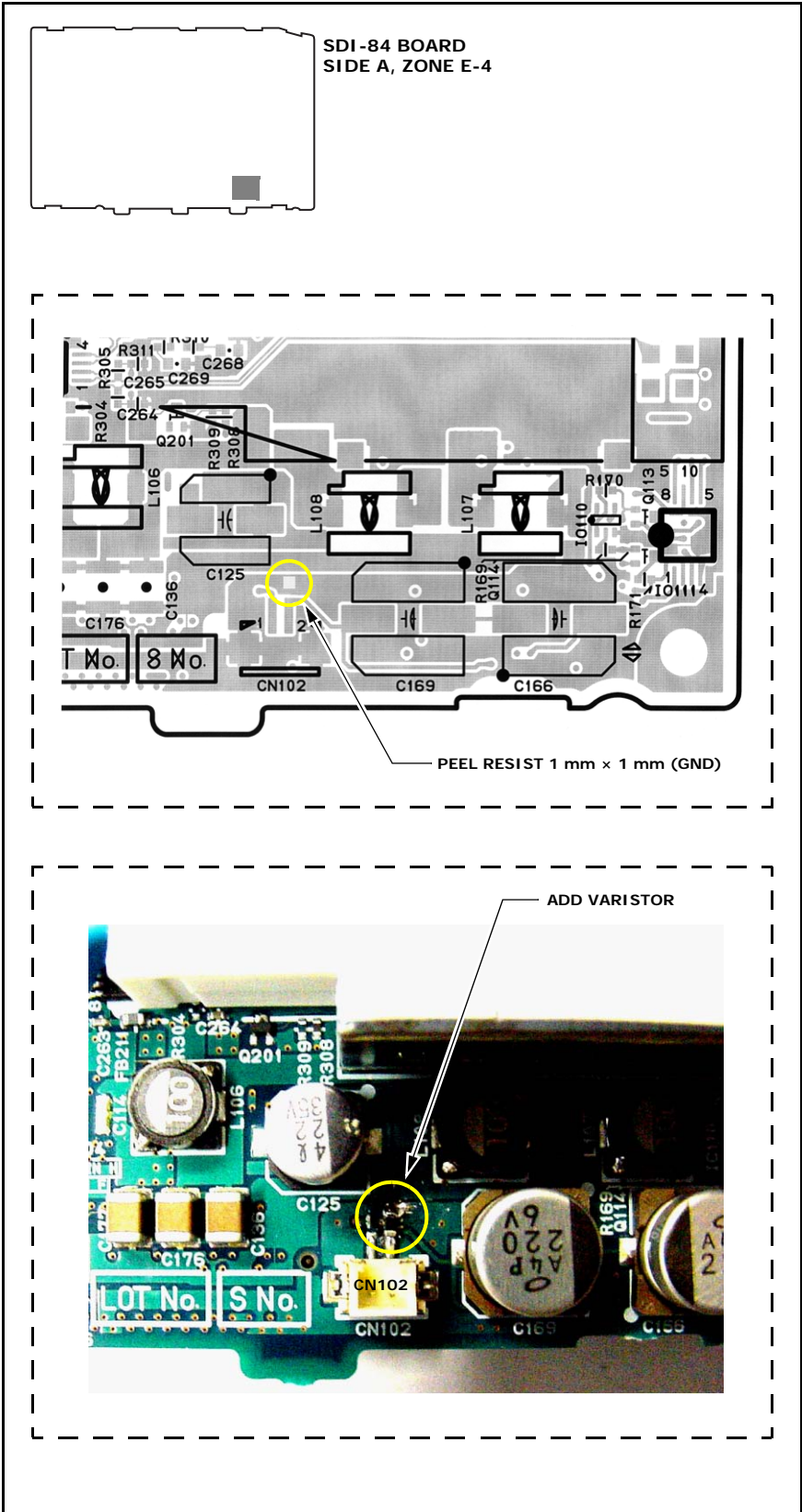


Figure 1