



Display

Broadcast Products Technical Bulletin 20-2005-012

DATE: February 14, 2005

SUBJECT: SWITCHING NOISE

MODEL: BKM-120D/1

DESCRIPTION

SERIAL NO:

The picture may collapse when the unit receives an SDI signal from a switcher and the SDI signal phase changes.

BKM-120D/1 2,206,937–2,211,680

The V-protector of BVM-D9H is activated when:

- An SDI signal with phase shift is input from HDCU-900 when HDCU-900 is powered on, and
- BKM-120D, BVM-D9H, and HDCU-900 are connected as a system.

NOTE: The modification procedure you should perform differs, depending on the suffix of your BD board and whether or not your board was modified by the procedure described in Technical Bulletin 20-2004-025.

PARTS REQUIRED

Part No.	Description	Qty.
1-107-682-11	Cap, C332, 1 μ F	1
1-216-097-00	Res, R162, 100 k Ω	1
8-729-027-38	Transistor, Q337, DTA144EK	1

ORDERING INFORMATION

To order upgrades or for regional service center and parts ordering information, refer to the following document, which lists all contact telephone numbers:

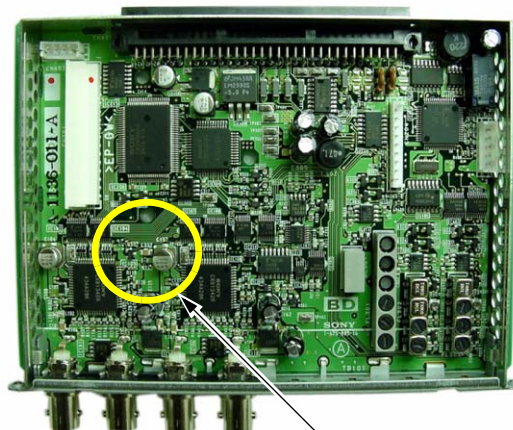
Technical Bulletin 001999000

MODIFICATION PROCEDURE**BD Board (Suffix -15)**

1. Remove the jumper from IC208 pin 31.
2. Add the following parts: (See Figure 1.)
 - C332, 1 μ F
 - R162, 100 k Ω
 - Q337, DTA144EK
3. Implement the modification procedure for BVM-D9H described in Technical Bulletin 20-2004-165.

DPM004-049

**BD BOARD (SUFFIX -15)
SIDE A**



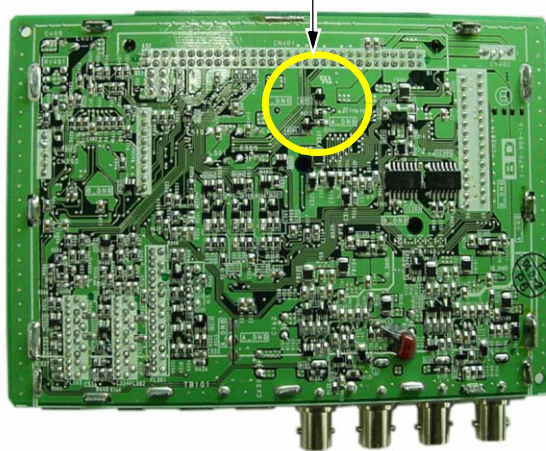
ADD C332, R162, Q337

Figure 1

BD Board (Suffix -16)

1. Remove R222, R223, Q205, and Q206. (See Figure 2.)
2. Implement the modification procedure for BVM-D9H described in Technical Bulletin 20-2004-165.

**BD BOARD (SUFFIX -16)
SIDE B**



REMOVE R222, R223, Q205, Q206

Figure 2

BD Board (20-2004-025 Already Implemented)

If the modification procedure described in Technical Bulletin 20-2004-025 was implemented in the past, reverse the procedure as follows:

1. Remove the jumper from IC208 pin 31.
2. Use a jumper to reconnect the trace cut between R162 and the base of Q338.
3. Implement the modification procedure for BVM-D9H described in Technical Bulletin 20-2004-165.