



Display

Video Products Technical Bulletin 30-2002-174

DATE: **September 23, 2002**SUBJECT: **NO POWER AT START-UP**

MODEL: **PVM-14L3**
PVM-14L4
PVM-14L5
PVM-20L4
PVM-20L5
PVM-D14L5A

SERIAL NO:

PVM-14L3 *2,000,001-2,000,665*
PVM-14L4 *2,000,001-2,002,225*
PVM-14L5 2,000,001-2,000,971
PVM-20L4 *2,000,001-2,001,335*
PVM-20L5 2,000,001-2,000,809
PVM-D14L5A *2,000,001-2,000,054*

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

DESCRIPTION

The unit may not power-on if the +5V bus for the CPU and signal circuit does not start.

The +5V bus is fed from IC605, the three-terminal regulator. When power does not start, approximately 6.5V is input to IC605; however, +5V is not output from IC605. This occurs because current of approximately 1500 mA flowing in IC605 at power-on causes the current protector to malfunction.

To prevent this condition, replace IC605 with a three-terminal regulator that has a high operating point of over-current protection.

PARTS REQUIRED

Part No.	Description	Qty.
8-759-390-57	IC UPC2405AHF	2

ORDERING INFORMATION

NOTE: 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**G Board (Side A)**

Replace IC605 (zone E-8) and IC606 (zone H-8) with new ROMs.

CAUTION: Programmable devices are easily damaged by static electricity. Make sure the equipment is powered OFF and you are grounded to the unit with a cable that contains a 1 MΩ resistor between you and GND when installing programmable devices. Work with caution when grounded to the unit.

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