



Display

## Video Products Technical Bulletin 30-2004-095

DATE: June 7, 2004

SUBJECT: IMPROVING APERTURE ADJUSTMENT

MODEL: *PVM-14L2*  
**PVM-14L2**  
*PVM-14L2//C*  
*PVM-14L2//C1*  
*PVM-14L2/1*  
**PVM-14L2/1**  
*PVM-14L2/2*  
**PVM-14L2/2**  
*PVM-14L2/3*  
**PVM-14L2/3**  
**PVM-14L2MD**  
**PVM-14L2MD/1**  
**PVM-14L2MD/2**  
*PVM-20L2*  
**PVM-20L2**  
*PVM-20L2//C*  
*PVM-20L2/1*  
**PVM-20L2/1**  
**PVM-20L2/2**  
*PVM-20L2/3*  
**PVM-20L2/3**  
**PVM-20L2/4**  
*PVM-20L2MD*  
**PVM-20L2MD**  
**PVM-20L2MD/1**  
**PVM-20L2MD/2**

SERIAL NO:

*PVM-14L2*     *2,500,001–2,500,050*  
PVM-14L2     2,000,001–2,001,070  
*PVM-14L2//C*     *6,000,001–6,000,200*  
*PVM-14L2//C1*     *6,000,201–6,000,260*  
*PVM-14L2/1*     *2,500,051–2,500,060*  
PVM-14L2/1     2,001,071–2,003,030  
*PVM-14L2/2*     *2,500,061–2,500,140*  
(Part 1 of 2)

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

DPM004-017

### DESCRIPTION

To improve the aperture adjustment so it is closer in performance to PVM-M2 series monitors, replace parts on the B board that control DC and that determine the variable range of the aperture adjustment.

### PARTS REQUIRED

Part No.	Description	Qty.
1-216-833-11	Res, Chip, 10 kΩ	1
1-218-877-11	Res, Chip, 18 kΩ	1
1-216-837-11	Res, Chip, 22 kΩ	1
1-162-922-11	Cap, Chip, 39 pF CH	2
1-164-160-11	Cap, Chip, 20 pF CH	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

#### B Board (Side B)

Replace the following resistors and capacitors with new parts.

Part	Zone	Former		New
R240	B-3	10 kΩ	→	22 kΩ
R241	B-3	10 kΩ	→	18 kΩ
R351	C-4	15 kΩ	→	10 kΩ
C234	C-3	6 pF	→	39 pF
C239	B-3	22 pF	→	20 pF
C238	B-3	33 pF	→	39 pF

**NOTE:** All the parts are located near IC231.

SERIAL NO: (Continued)

PVM-14L2/2	2,003,031–2,007,300
<i>PVM-14L2/3</i>	<i>2,500,141–2,500,202</i>
PVM-14L2/3	2,007,301–2,010,010
PVM-14L2MD	2,000,001–2,000,330
PVM-14L2MD/1	2,000,331–2,000,390
PVM-14L2MD/2	2,000,391–2,000,898
<i>PVM-20L2</i>	<i>2,500,001–2,500,040</i>
PVM-20L2	2,000,001–2,000,390
<i>PVM-20L2//C</i>	<i>6,000,001–6,000,060</i>
<i>PVM-20L2/1</i>	<i>2,500,041–2,500,050</i>
PVM-20L2/1	2,000,391–2,001,070
PVM-20L2/2	2,001,071–2,002,186
<i>PVM-20L2/3</i>	<i>2,500,051–2,500,070</i>
PVM-20L2/3	2,002,187–2,002,250
PVM-20L2/4	2,002,251–2,002,963
<i>PVM-20L2MD</i>	<i>2,500,001–2,500,032</i>
PVM-20L2MD	2,000,001–2,000,640
PVM-20L2MD/1	2,000,641–2,001,220
PVM-20L2MD/2	2,001,221–2,003,209

(Part 2 of 2)

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