



Display

Video Products Technical Bulletin 30-2003-186

DATE: **October 6, 2003**SUBJECT: **HOW TO MAKE FORMER/NEW Q AND T BOARDS
COMPATIBLE**

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

DESCRIPTION

The parallel remote control may not operate due to variations in an IC specification. To prevent this condition, new Q and T boards are available. (See Table 1.)

Table 1

Board	Former Part No.		New Part No.
Q	A-1300-279-A	→	A-1300-279-B
T	A-1391-157-A		A-1391-157-B

SERIAL NO:

PVM-14L3 *2,000,001-2,000,655*
PVM-14L4 *2,000,001-2,002,105*
PVM-14L5 2,000,001-2,000,861
PVM-D14L5A *2,000,001-2,000,054*
PVM-20L4 *2,000,001-2,001,295*
PVM-20L5 2,000,001-2,000,810

Board Compatibility

Former and new boards are not compatible. To use former and new boards simultaneously, perform the modification procedure indicated in Table 2.

Table 2

Q Board	T Board	Modification Procedure
New	Former	1
Former	New	2

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

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

DPM003-024

MODIFICATION PROCEDURE 1

Parts Required

Part No.	Description	Qty.
1-216-295-11	Res, Conductor, Square, Chip, 0Ω	1

T Board (Suffix -A) (Side B)

To use a new Q board with a former T board, modify the former T board as follows.

1. Remove R1914 (3.3 kΩ zone D-1).
2. Replace R1913 (2.2 kΩ zone D-1) with a new 0Ω resistor.

MODIFICATION PROCEDURE 2

Parts Required

Part No.	Description	Qty.
1-247-831-11	Res, Carbon, 1.0 kΩ	1
1-247-837-11	Res, Carbon, 1.8 kΩ	1
1-247-855-11	Res, Carbon, 10 kΩ	1

Also Required: RTV

Q Board (Suffix -A) (Side B)

To use a new T board with a former Q board, modify the former Q board as follows.

1. Remove R2797 (zone E-2).
2. Solder a 1.0 kΩ resistor between CN2705 pins 2 and 3 (zone E-2).
3. Solder a 1.8 kΩ resistor between CN2705 pins 2 and 4.
4. Solder a 10 kΩ resistor between IC3770 pins 11 and 16 (zone B-2).
5. Affix the resistors to the board with RTV.