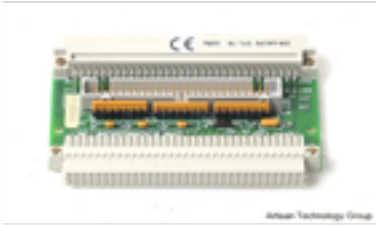
Motorola 3496B01A

# MVME712M/M P2 Adapter Board



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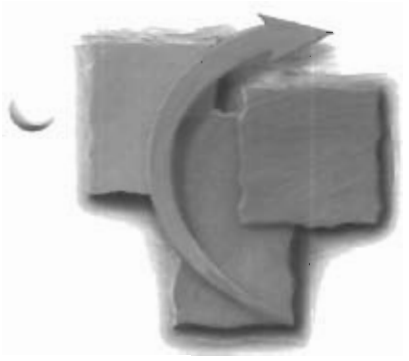

# MVME712C
# Transition Board

# Installation Instructions

# Installation Instructions

# for

# MVME712C Transition Board

## (MVME712KC/K1)

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## WARNING

**THIS EQUIPMENT GENERATES, USES, AND CAN RADIATE RADIO FREQUENCY ENERGY AND IF NOT INSTALLED AND USED IN ACCORDANCE WITH THE INSTRUCTIONS MANUAL, MAY CAUSE INTERFERENCE TO RADIO COMMUNICATIONS. IT HAS BEEN TESTED AND FOUND TO COMPLY WITH THE LIMITS FOR A CLASS A COMPUTING DEVICE PURSUANT TO SUBPART J OF PART 15 OF FCC RULES, WHICH ARE DESIGNED TO PROVIDE REASONABLE PROTECTION AGAINST SUCH INTERFERENCE WHEN OPERATED IN A COMMERCIAL ENVIRONMENT.**

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# PREFACE

This document (Part Number MVME712KC/K1) provides installation instructions for the MVME712C transition board.

It is important that this document is read before doing the installation.

These installations should be performed by trained service personnel only.

# Table of Contents

# MVME712C Installation Instructions

This document supplies the necessary information to install the MVME712C transition board in the Delta Series computer systems.

## Additional Documents

- *System Manual*

## System Cautions

If there are no available slots in the backpanel, this installation cannot be done.

## Upgrade Instructions

### System Shutdown

1. Bring the system down as instructed in the System Manual.
2. Turn the AC power off and remove the AC cord from the system.

> **CAUTION**
>
> Inserting/removing modules while power is applied may result in damage to module components.

# MVME712C Installation for 3-Slot System

## Chassis Preparation

1. Remove the front cover by grasping the corners and pulling the cover off.
2. Remove the top cover by loosening the three screws on the front edge, grasping the front edge, lifting and moving the top back until it is removed. See Figure 1.

## MVME712C Transition Board Installation

1. In the rear of the system, remove two filler panels from the appropriate transition board slots.
2. Connect the loose end of the SCSI cable coming from J3 of the P2 adapter to connector J2 on the MVME712C transition board. Make sure that the red, blue or dark grey stripe is facing the top of the board. See Figure 6.
3. Connect the loose end of the Ethernet cable to the MVME712A connector J10. See Figure 5.
4. Install the MVME712C board into the rear panel. Be careful not to crimp the cables just installed. Tighten the top and bottom screws on the board fascia.
5. Install the tee and terminator for the Thinnet connection. See Figure 6.
6. Install the active terminator if there are no SCSI devices to be used.

## Completion and Testing

1. Insert the cable cover back into the front of the card cage by sliding the cover underneath the card cage flanges and then down over the lip on the base.

   **NOTE:** Make sure all cables are not pinched by the cover.
2. Slide the shroud all the way forward until a slight *click* is heard as it locks itself into place.
3. Mark the product code label located on the outside of the rear panel with product code 712KC.
4. Reconnect the AC power cord and turn the system on.

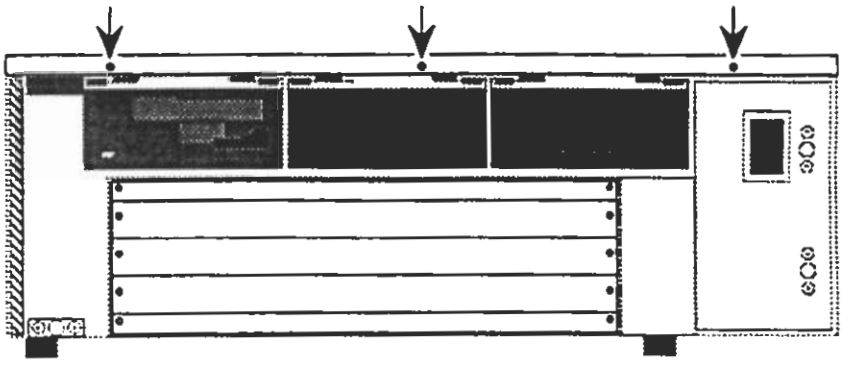

**Figure 1. Front Panel**

# MVME712C Installation for 6-Slot System

## Chassis Preparation

1. Remove the front cover by inserting a screwdriver in the front panel hole and turning the screw counter-clockwise. See Figure 2. Pull the top of the front cover forward and lift it away from the system

2. Remove the right side cover by sliding the side forward, then tilting the top away from the system and lifting.

3. Remove the air duct cover plate by loosening the four screws and lifting the plate off. See Figure 3.

4. Remove two filler panels from the appropriate transition board slots.

   **NOTE:** Other boards in the system may have to be moved to allow space for the new board(s).

## MVME712C Transition Board Installation

1. Connect the loose end of the SCSI cable coming from the chassis to the connector on the MVME712C transition board. Make sure that the red, blue or dark grey stripe is facing the top of the board. See Figure 6.

2. Connect the loose end of the Ethernet cable to the MVME712A connector J10. See Figure 5.

3. Install the MVME712C board into the rear panel. Be careful not to crimp the cables just installed. Tighten the top and bottom screws on the board fascia.

4. Install the tee and terminator for the Thinnet connection. See Figure 6.

5. Install the active terminator if there are no SCSI devices to be used.

## Completion and Testing

1. Reinstall the air duct cover plate and secure with the four screws. See Figure 3.

2. Reinstall the side cover.

3. Reinstall the front cover and secure the latch by turning the screw in the front panel clockwise until it is snug. See Figure 2.

4. Mark the product code label located on the outside of the rear panel with product code 712KC.

5. Reconnect the AC power cord and turn the system on.

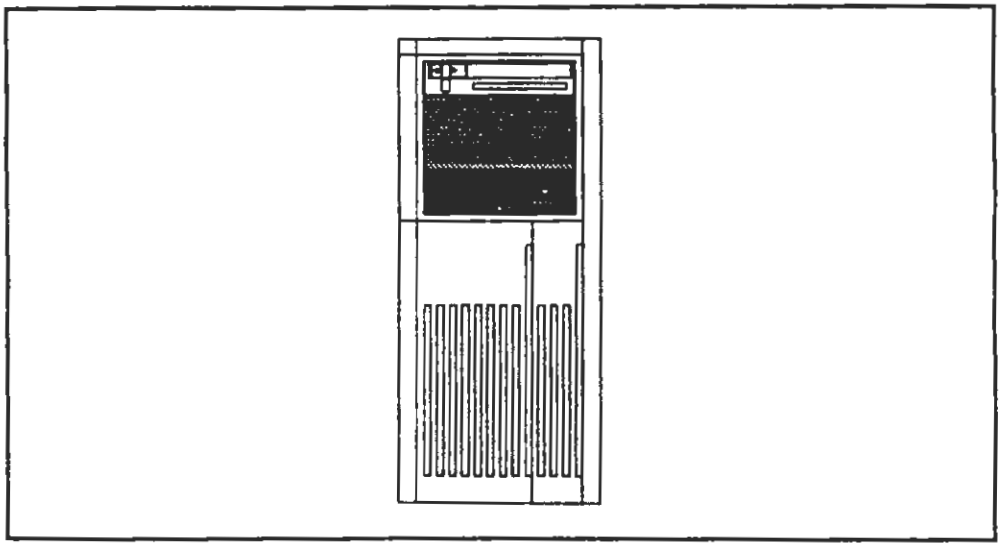

Figure 2. Front Cover

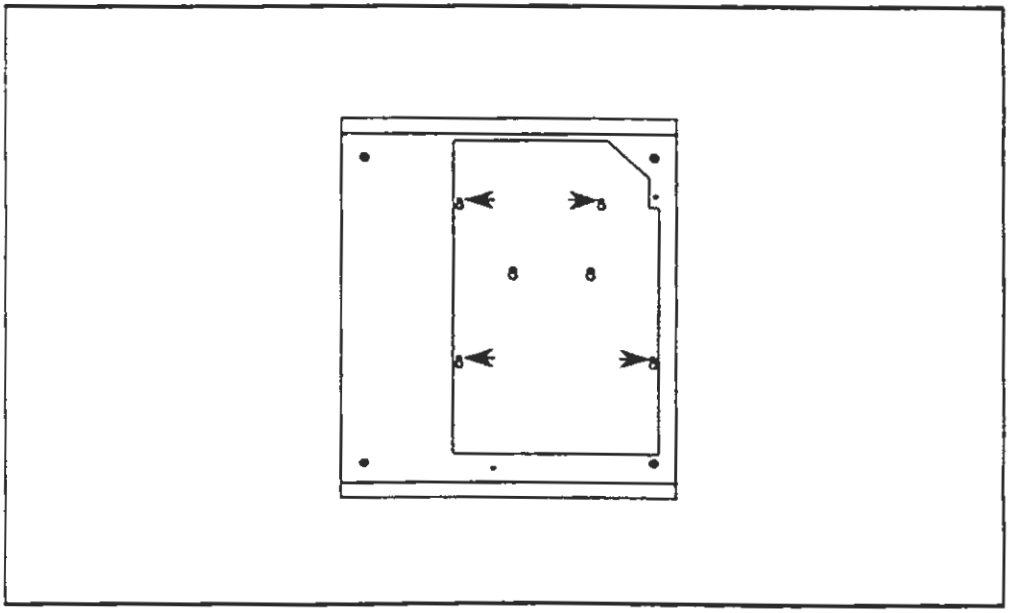

Figure 3. Air Duct Cover Plate

# MVME712C Installation for 12-Slot Rackmount System

## MVME712C Transition Board Installation

1. In the rear of the system, remove two filler panels from the appropriate transition board slots.
2. Connect the loose end of the SCSI cable coming from the chassis to the connector on the MVME712C transition board. Make sure that the red, blue or dark grey stripe is facing the top of the board. See Figure 6.
3. Connect the loose end of the Ethernet cable to the MVME712A connector J10. See Figure 5.
4. Install the MVME712C board into the rear panel. Be careful not to crimp the cables just installed. Tighten the top and bottom screws on the board fascia.
5. Install the tee and terminator for the Thinnet connection. See Figure 6.
6. Install the active terminator if there are no SCSI devices to be used.

## Completion and Testing

1. Mark the product code label located on the outside of the rear panel. Use product code number 712KC.
2. Reconnect the AC power cord and turn the system on.

# MVME712C Installation for 12-Slot Tower

## Chassis Preparation

1. To remove the shroud, insert a stout instrument (such as a screwdriver) into the slot at the bottom center front of the shroud. Push up the latch release pin and pull the shroud forward until it is removed.

2. Remove the cable cover from the front of the card cage by sliding the cover up then pulling the bottom away from the system and sliding it downward.

## MVME712C Transition Board Installation

1. In the rear of the system, remove two filler panels from the appropriate transition board slots.

2. Connect the loose end of the SCSI cable coming from the chassis to the connector on the MVME712C transition board. Make sure that the red, blue or dark grey stripe is facing the top of the board. See Figure 6.

3. Connect the loose end of the Ethernet cable to the MVME712A connector J10. See Figure 5.

4. Install the MVME712C board into the rear panel. Be careful not to crimp the cables just installed. Tighten the top and bottom screws on the board fascia.

5. Install the tee and terminator for the Thinnet connection. See Figure 6.

6. Install the active terminator if there are no SCSI devices to be used.

## Completion and Testing

1. Insert the cable cover back into the front of the card cage by sliding the cover underneath the card cage flanges and then down over the lip on the base.

   **NOTE:** Make sure the cables are not pinched by the cover.

2. Slide the shroud all the way on the system until a slight *click* is heard as it locks itself into place.

3. Mark the product code label located on the outside of the rear panel with product code 712KC.

4. Reconnect the AC power cord and turn the system on.

# MVME712C Installation for 20-Slot

## Chassis Preparation

1. Remove the front cover and the right cover (as viewed from the front) by grasping the corners and then pulling the covers off.
2. Open the access door on the right side of the chassis (as viewed from the front of the system) by removing the three screws. See Figure 4.

## MVME712C Transition Board Installation

1. In the rear of the system, remove two filler panels from the appropriate transition board slots.
2. Connect the loose end of the SCSI cable coming from the chassis to the connector on the MVME712C transition board. Make sure that the red, blue or dark grey stripe is facing the top of the board. See Figure 6.
3. Connect the loose end of the Ethernet cable to the MVME712A connector J10. See Figure 5.
4. Install the MVME712C board into the rear panel. Be careful not to crimp the cables just installed. Tighten the top and bottom screws on the board fascia.
5. Install the tee and terminator for the Thinnet connection. See Figure 6.
6. Install the active terminator if there are no SCSI devices to be used.

## Completion and Testing

1. Close the side access door and secure with the three screws that were removed. See Figure 4.
2. Push the side cover into place until a slight *click* is heard as it locks itself into place.
3. Push the front cover into place until a slight *click* is heard as it locks itself into place.
4. Mark the product code label located on the outside of the rear panel with product code 712KC.
5. Reconnect the AC power cord and turn the system on.

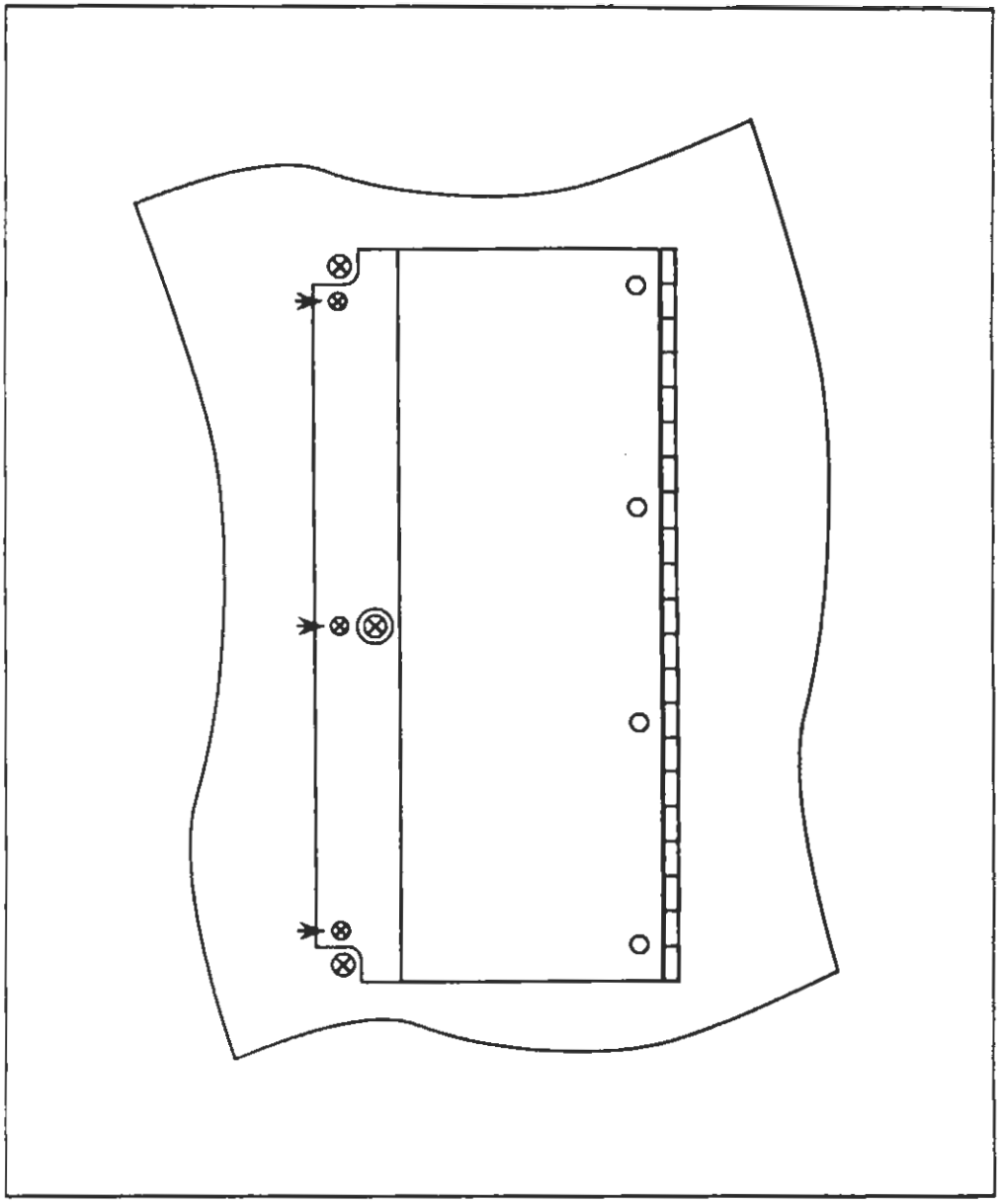

**Figure 4. Access Cover**

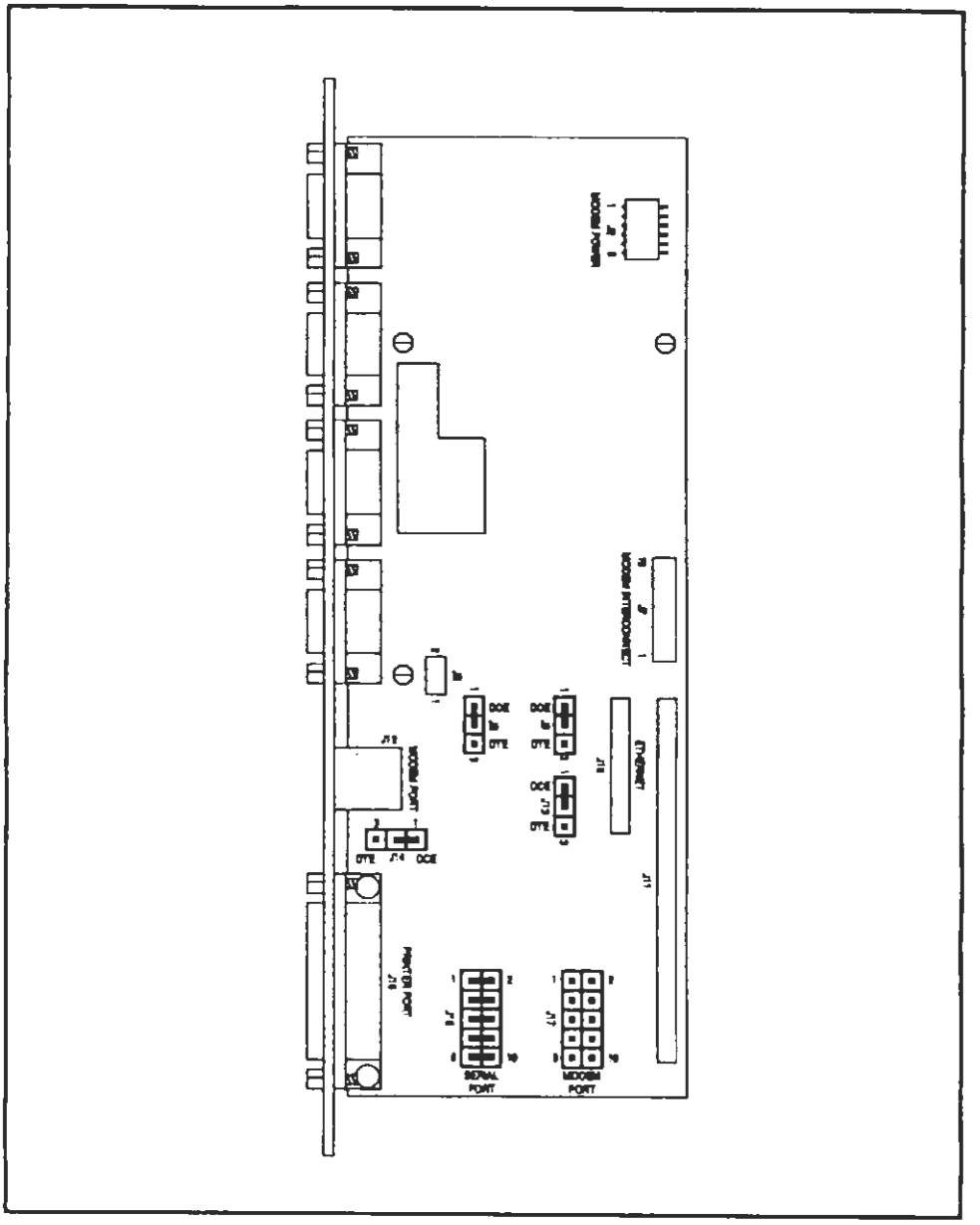

Figure 5. MVME712A

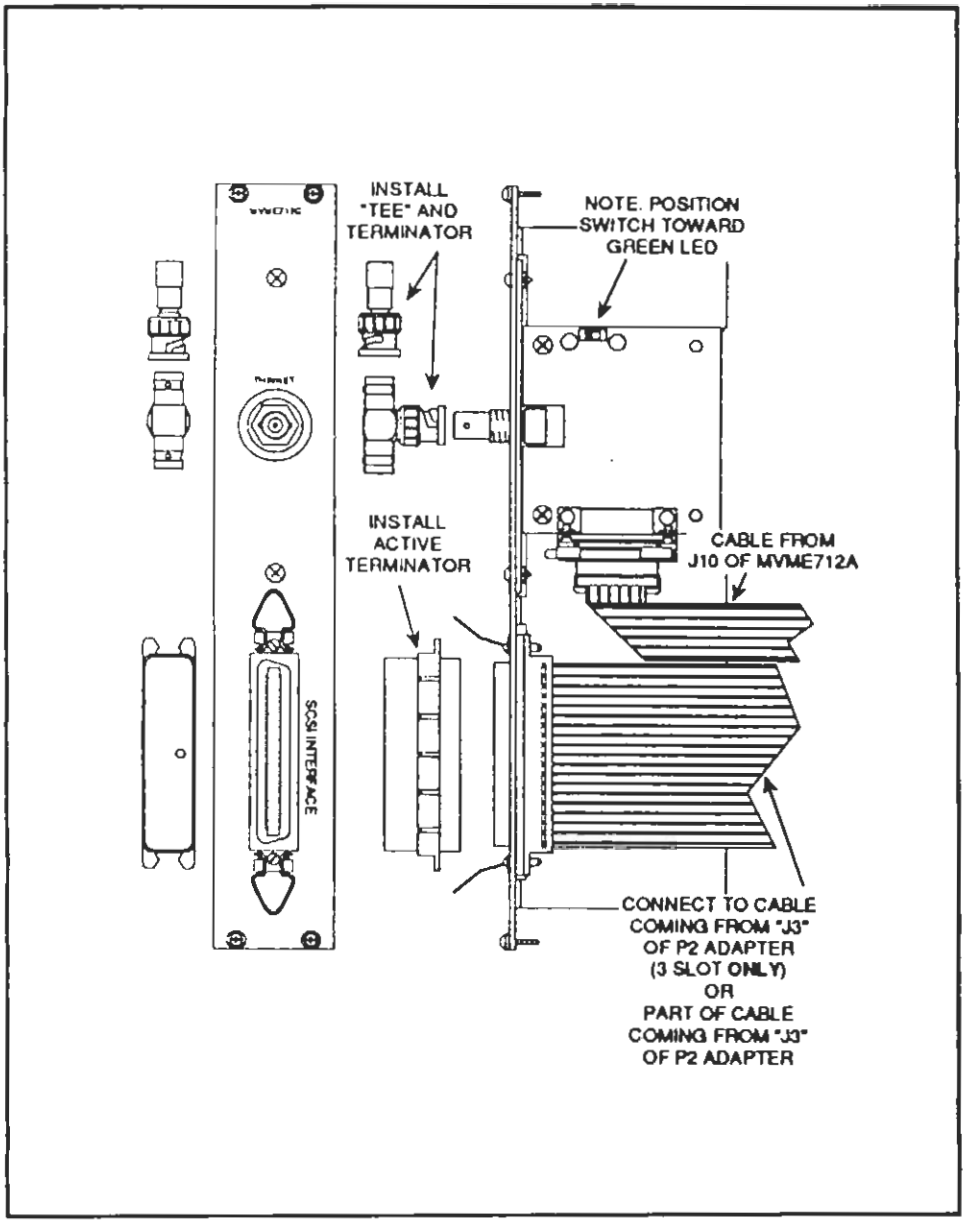


**Figure 6. MVME712C Transition Panel**

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