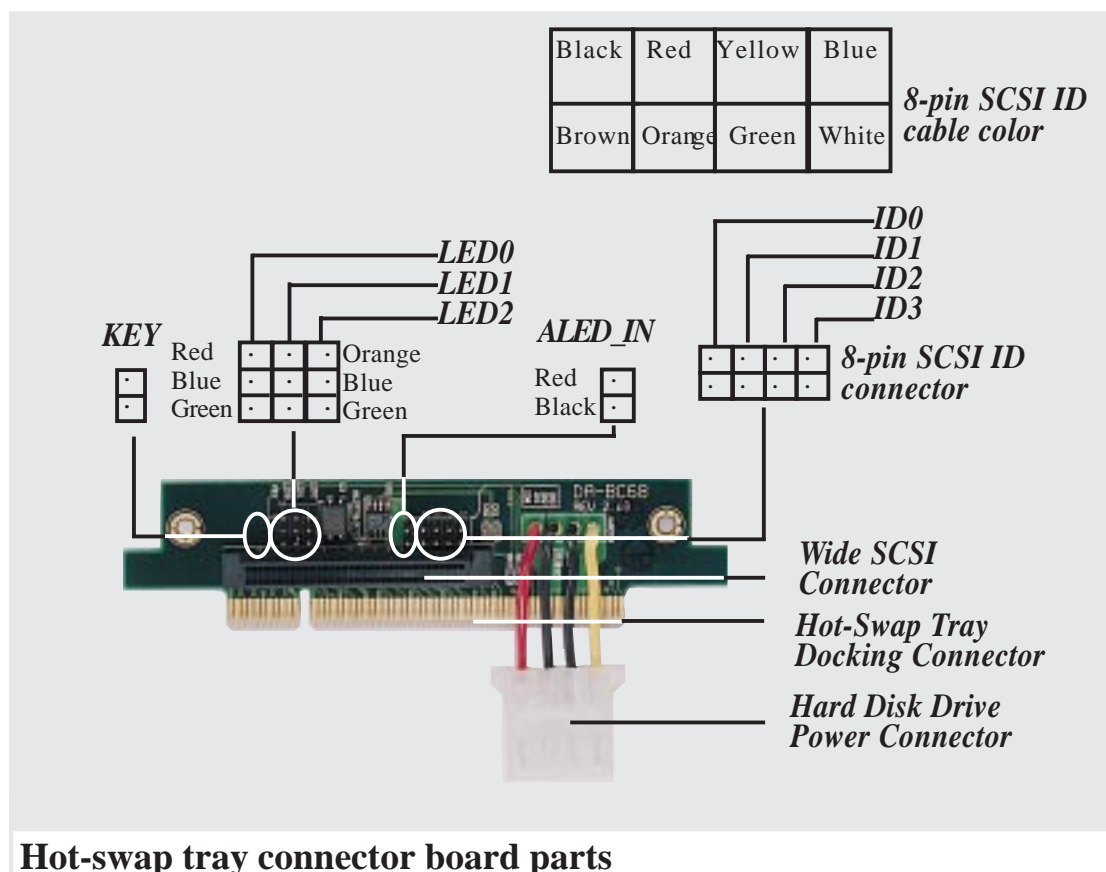


AP6000/7000/7500 Insert

Hot-Swap Tray Connector Board

The connector board is mounted on the hot-swap tray to interface with the SCSI backplane in the chassis. The connector board combines all the signal and power into one docking connector for a single hot-swap unit.



Hot-Swap Tray Rear Connections

KEY: These 3 pins connect to the keylock on the tray's front panel to turn on and off the drive's power.

LED0: These 3 pins connect to the HDD access LED on the front of the tray to show when the HDD access data.

LED1: Reserved

LED2: These 3 pins connect to the power LED on the front of the tray to show when the connector board receives power.

ALED_In: These 2 pins connect to the HDD access LED on the back of the HDD to show when the HDD access data.

SCSI_ID: These 8 pins connect to the hard disk drive's SCSI address pins to set the SCSI ID number of the hard disk drive.

Hot-Swap Tray Docking Connector: Connect to the SCSI Board.

Hard Disk Drive Power Connector: Connect to the power source.

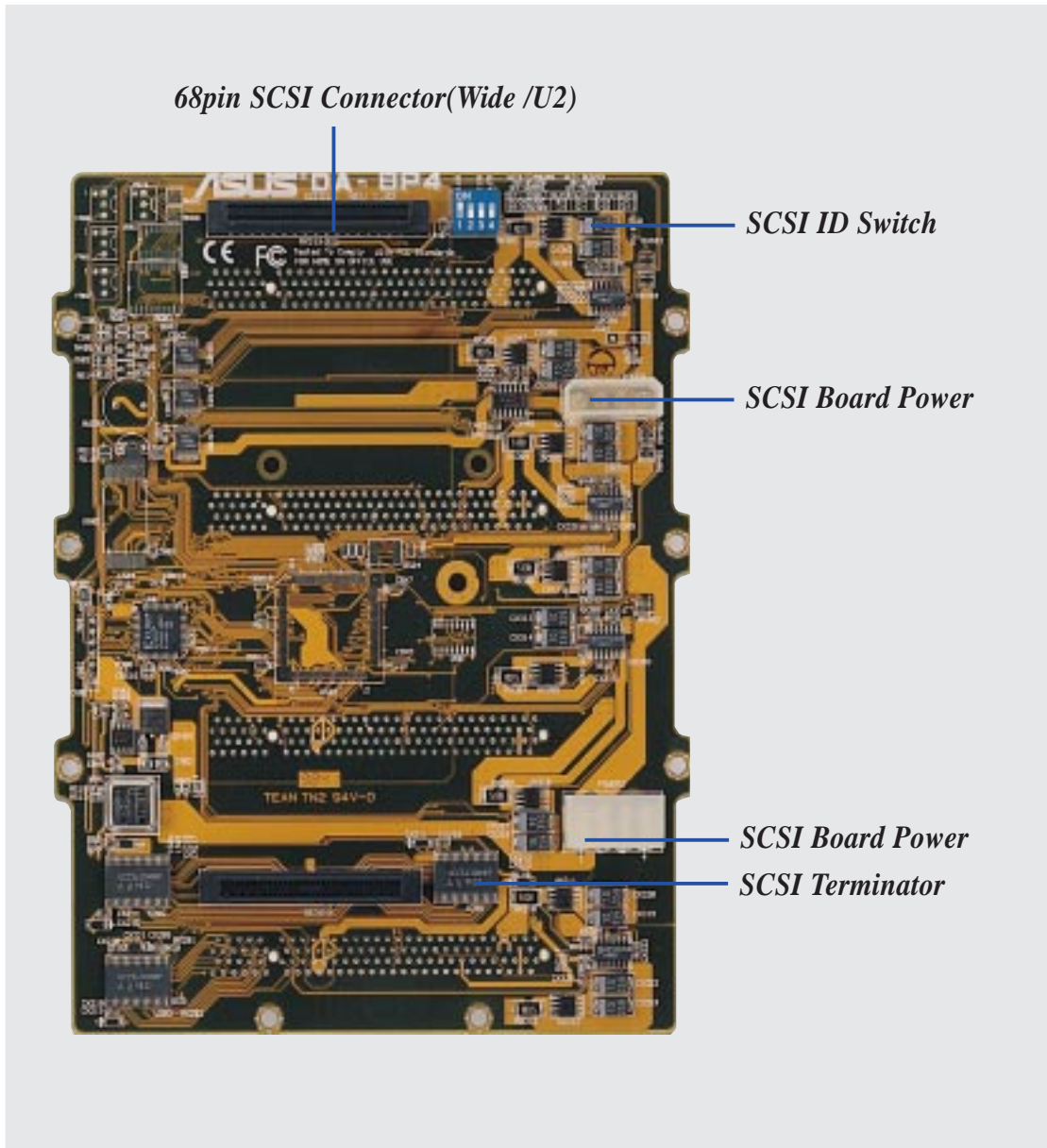
Wide SCSI Connector: Connect to the HDD tray SCSI cable.

AP6000/7000/7500 Insert

DA-BP4 SCSI Board

The SCSI backplane has auto-termination. There is no need to add terminators or set termination jumpers when using a single or interconnected SCSI boards.

DABP4 SCSI board can support LVD(U2) devices if you connect the DA-BP4 SCSI board with the DA-BC68 hot swap tray connector board. Otherwise, it alone cannot support LVD devices.

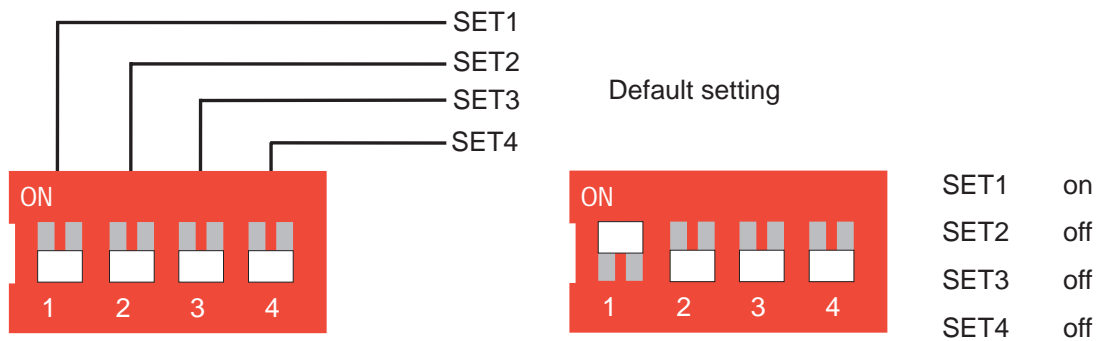


AP6000/7000/7500 Insert

SCSI ID Setting

SCSI ID settings are made through 4 DIP switches located on the SCSI board. Each SCSI board has 4 DIP switches which has default settings as labeled below. SCSI ID is determined by the “SET1” and “SET2” switches. There is a preset SCSI ID for each hot swap slot so individual SCSI ID settings cannot be made. SCSI ID settings are shown in table 1 if you use a single SCSI board.

The SCSI ID settings for interconnecting two SCSI boards are shown in table 2 and 3.



One Board Configuration (SET2 must be set to OFF)



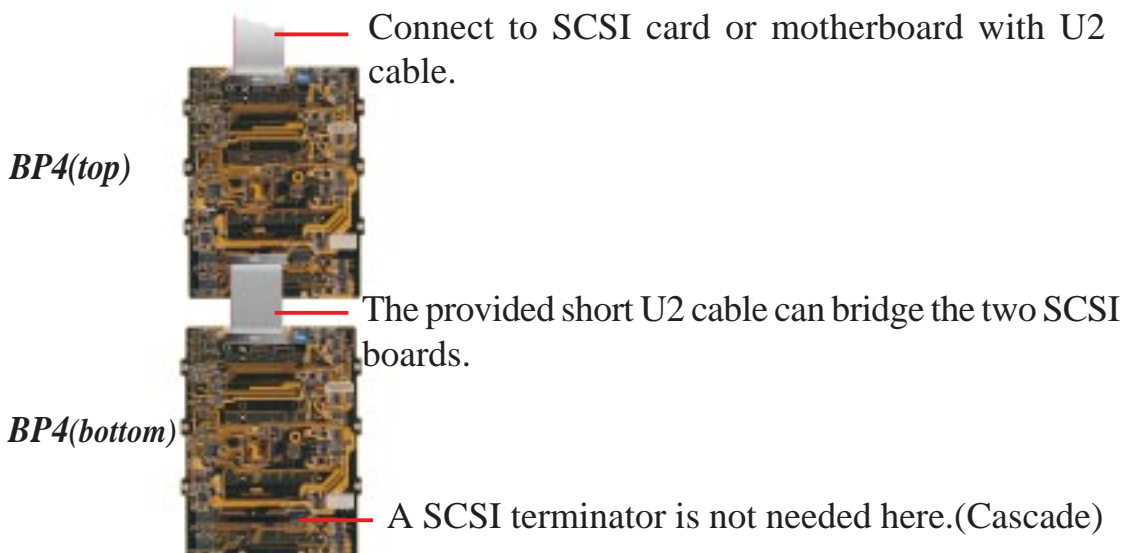
<i>SET2=OFF</i>	<i>Slot0</i>	<i>Slot1</i>	<i>Slot2</i>	<i>Slot3</i>
<i>SET1=ON</i>	<i>ID=0</i>	<i>ID=6</i>	<i>ID=8</i>	<i>ID=12</i>
<i>SET2=OFF</i>	<i>ID=1</i>	<i>ID=5</i>	<i>ID=9</i>	<i>ID=13</i>

Table 1

AP6000/7000/7500 Insert

Two Board Configuration

The top and bottom DA-BP4 SCSI boards are the same. The top and bottom refers to your placement in the chassis. There is a maximum of two SCSI boards allowed.



If you set the SET1 switch on the top DA-BP4 SCSI board to ON (The SET 2 switch on the top DA-BP4 must be set to OFF) and set the SET2 switch on the bottom DA-BP4 SCSI board to ON. These two boards' SCSI ID will be as shown in table 2.

	<i>Slot0</i>	<i>Slot1</i>	<i>Slot2</i>	<i>Slot3</i>
<i>BP4(top):SET1=ON;SET2=OFF</i>	<i>ID=0</i>	<i>ID=6</i>	<i>ID=8</i>	<i>ID=12</i>
<i>BP4(bottom):SET1=do not care;SET2=ON</i>	<i>ID=3</i>	<i>ID=4</i>	<i>ID=10</i>	<i>ID=11</i>

Table 2

If you set the SET1 switch on the top DA-BP4 SCSI board to OFF (The SET 2 switch on the top DA-BP4 must be set to OFF) and set the SET2 switch on the bottom DA-BP4 SCSI board to ON. These two boards' SCSI ID will be as shown in table 3.

	<i>Slot0</i>	<i>Slot1</i>	<i>Slot2</i>	<i>Slot3</i>
<i>BP4(top):SET1=OFF;SET2=OFF</i>	<i>ID=1</i>	<i>ID=5</i>	<i>ID=9</i>	<i>ID=13</i>
<i>BP4(bottom):SET1=do not care;SET2=ON</i>	<i>ID=3</i>	<i>ID=4</i>	<i>ID=10</i>	<i>ID=11</i>

Table 3

Note



The SET2 switch on the top DA-BP4 board must be set to OFF and the SET2 switch on the bottom DA-BP4 board must be set to ON when the two boards are connected. Setting the SET1 switch on the bottom DA-BP4 board to either ON or OFF makes no difference.