

To: ATA ad hoc Working Group

From: Pete McLean, Maxtor Corporation

Date: 27 November 1995/7 February 1996

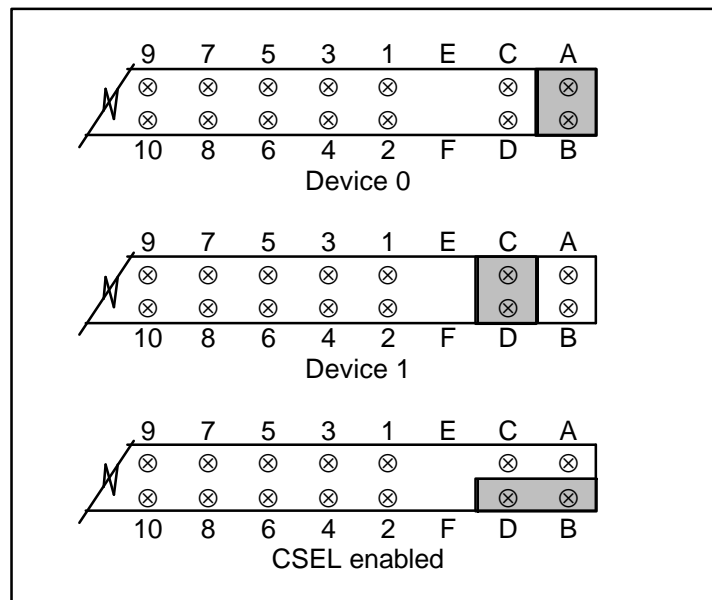
Subj: Use of pins A-D On 44-pin connector

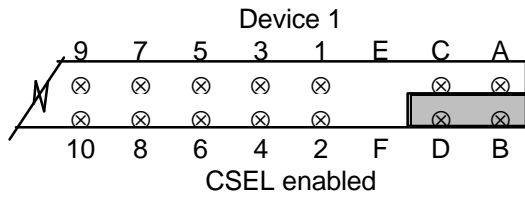
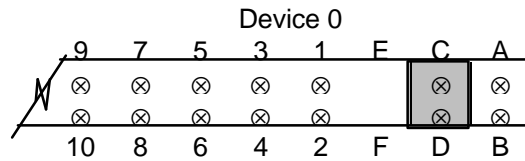
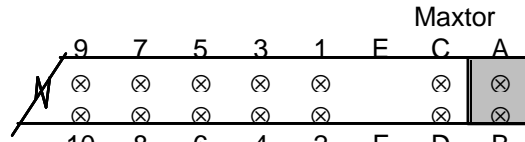
Note: Revision 1 of 7 February 1996 added figure comparing Maxtor, IBM and Toshiba proposals.

Today, the use of pins A, B, C, and D on the 44-pin connector is defined as vendor specific. Most, if not all, vendors are currently using these pins with jumpers to designate the device as Device 0, Device 1, or CSEL enabled. However, the specific position of the jumper varies from vendor to vendor. This results in confusion both for system vendors, configuring systems at manufacture, as well as, for users upgrading systems.

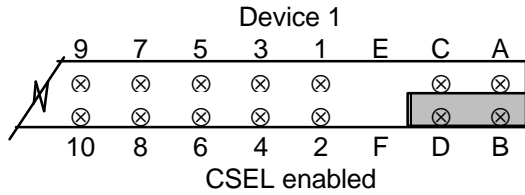
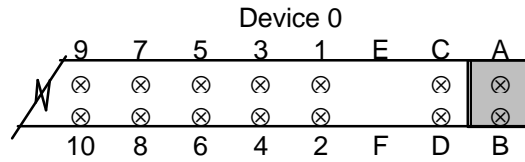
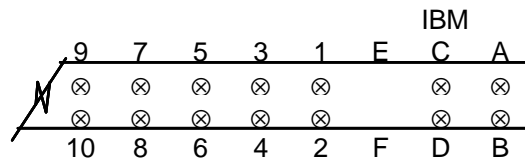
It would benefit the ATA device user community greatly if the use of these pins were specified so that all devices from all vendors were the same. Therefore, it is proposed that a statement be added to the description of these pins, recommending that if they are used for device selection jumpers, they be used in a specific way. In this way, over time all configurations will migrate to the recommended method and be the same.

The following configuration is proposed.

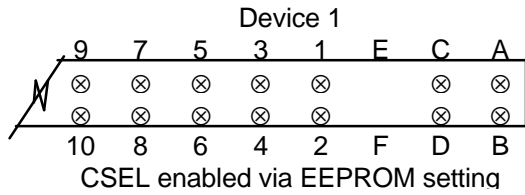
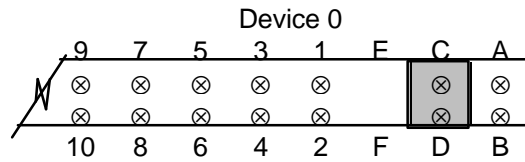
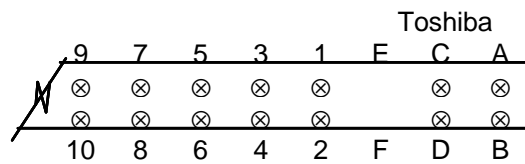




Note: Maxtor and IBM the same for CSEL.



Note: IBM and Toshiba the same for Device 0 .



Note: Toshiba and Maxtor the same for Device 1.

