Use of the IEEE assigned 'company_id' value with IEEE Std 896.2-1991 Futurebus+ Physical Layer and Profiles

If you have an IEEE assigned 24-bit 'company_id' value, it can be used as the company_id value referenced by IEEE Std 896.2-1991 Futurebus+ Physical Layer and Profiles.

When used within IEEE Std 896.2-1991*, a direct or indirect read of the ROM quadlet containing the MODULE_VENDOR_ID returns the company_id. For example, a company_id value of $ACDE48_{16}$ is returned as illustrated below:

Byte 0		Byte 1	Byte 2	Byte 3
00	00 0011	1010 1100	1101 1110	0100 1000
← 1212 defined →		A C	D E	4 8
		company_id		

Other ROM entries, such as MODULE_SPEC_ID, NODE_VENDOR_ID, NODE_SPEC_ID and UNIT_SPEC_ID may also contain the company_id value, but have a different key_value (only BYTE 0 changes).

* IEEE Std 896.2-1991 Futurebus+ Physical Layer and ProfilesTutorial Rev. Sept. 92