



To CLPA partners

December 11, 2023
CC-Link Partner Association

CLPA announces the addition of recommended part for RS485 transceivers.

Regarding the RS485 transceiver “SN75ALS181NS”, which CLPA designated as a recommended part for interface circuits in the CC-Link Specification (Implementation) BAP-C2001ENG-002, Texas Instruments, the manufacturer, has announced discontinuation of its production. Therefore, we will add the product below as a recommended alternative part. Henceforth, please consider changing items as shown below.

1. Additional recommended part

Item name: RS485 transceiver

Model name: SN65HVD3088ENS

Manufacturer: Texas Instruments Incorporated.

2. Change in the specification

Table 2.6 List of Recommended Parts in the CC-Link Specification (Implementation) BAP-C2001ENG-002 will be changed as follows.

<Currently>

Component	Model	Manufacturer
RS485 transceiver	SN75ALS181NS	Texas Instruments Incorporated.

<After revision>

Component	Model	Manufacturer
RS485 transceiver	SN75ALS181NS	Texas Instruments Incorporated.
	SN65HVD3088ENS	Texas Instruments Incorporated.

3. Alternative part

As for Texas Instruments’ RS485 transceiver “SN65HVD3088ENS”, it is possible to substitute this part without any board design changes. However, parts modification (removal of the parts) of the RS485 transceiver peripheral circuit is required. There is no need to re-apply for a conformance test when replacing this RS485 transceiver. To purchase, please contact the nearest distributor of the manufacturer.