

Interfacing EVA-Board with PC via USB port

Intention of this Application

Many of the new PCs and almost all new notebooks have USB ports instead of the “good old” serial COM-9-pole Sub-D connector, while EVA-boards only have a 9-pole Sub-D connector to the serial COM port. In order to interface such PCs with an EVA-board, a common USB to serial RS232 converter is needed (USB type A connector to 9-pole Sub-D connector, e.g. type PL2303 from Conrad).

If you do not have installed such an adapter yet, you must follow the specific installation procedure of the adapter supplier.

After a successful installation you can plug the EVA-board with the adaptor interface into a free USB port and start the TCM-Monitor tool. Click on the “Register Stop” button (down left on your window). You can now see and set your new “COM” port. Afterwards you can start the application by pushing “Register Start”.

Important

1. Older TCM-Monitor versions can only set COM 1 up to COM 4 (commonly associated with “true” serial RS232 COM ports) while the TCM-Monitor from release 4.0.0.0 onwards can automatically detect new “COM” adapters, even if they have higher addresses.
2. If you now want to change to another USB port, you need to restart the TCM-Monitor Tool in order to automatically detect the new USB port address.

General Note

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