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KB0011544

VN1630(A) Configuration



English (Original) 📅 last updated: 2024-01-08 (created: 2020-08-24) • ⚡ 36994 Views

Question:

How to configure VN1630(A) for 4 channel usage?

Answer:

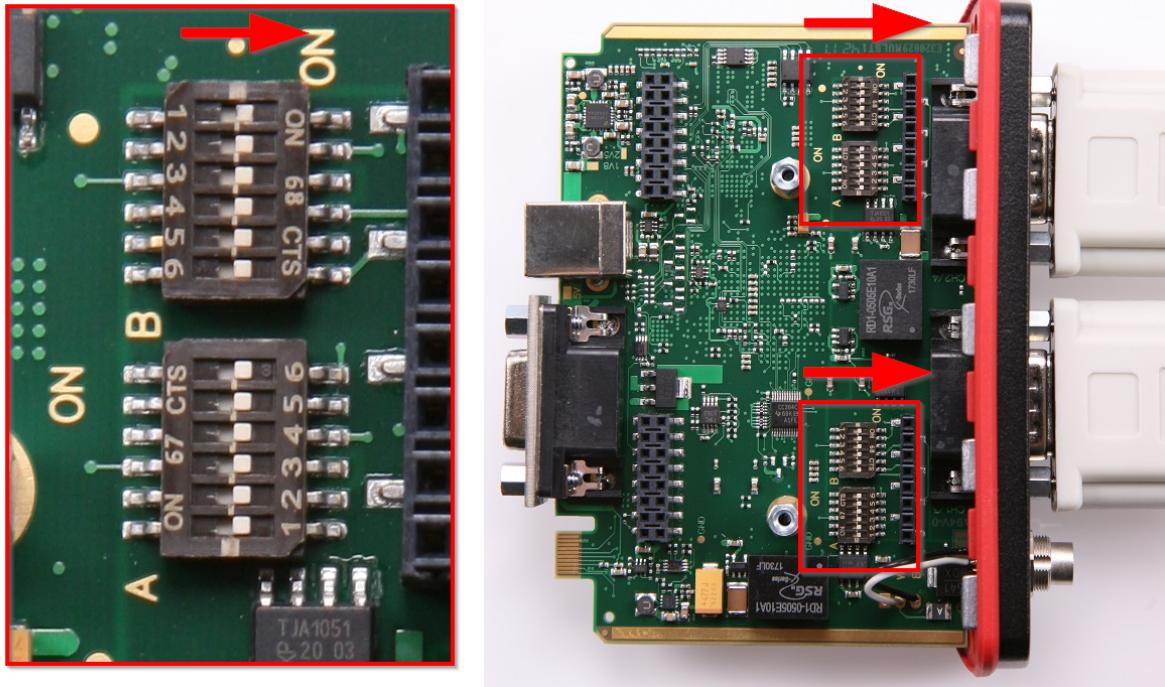
This article explains what settings are needed to use 4 channels on VN1630(A).

You find dip switch banks under the area where piggies can be plugged in:

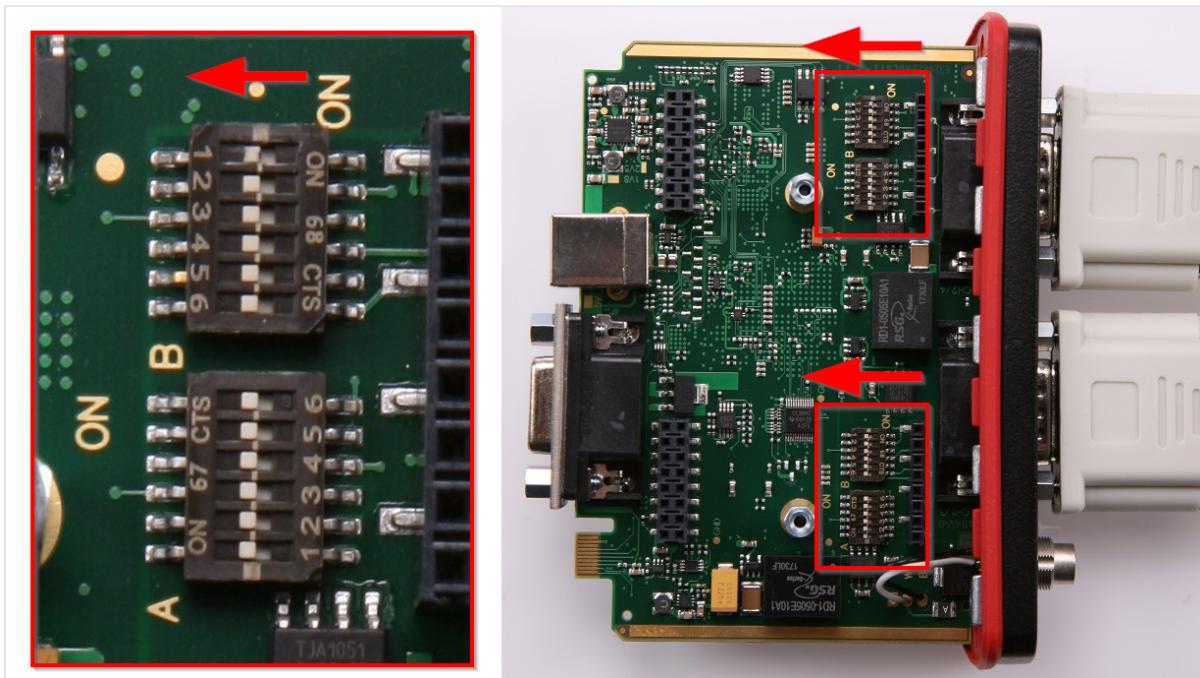


The standard settings of the dip-switches on VN1630(A), if you only want to use both internal CAN piggies, are illustrated in the following photo:



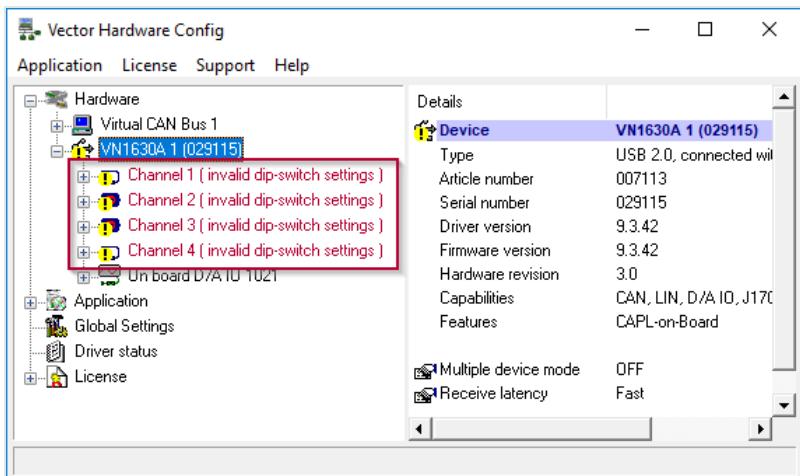


If you want to use additional piggies (CAN or LIN), you have to set the dip-switches in the opposite direction:

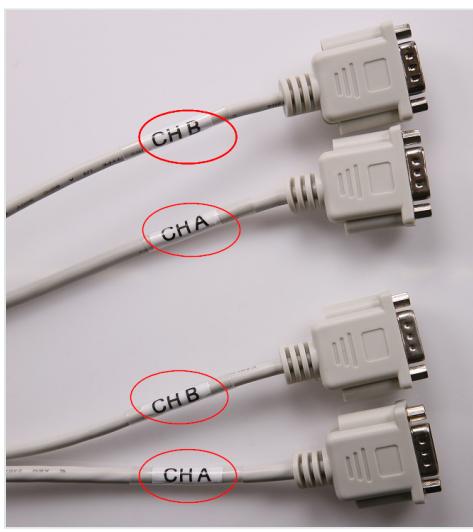


If one CAN piggy and one LIN piggy is used, the LIN piggy must be set to channel 1 (lower side in the above picture).

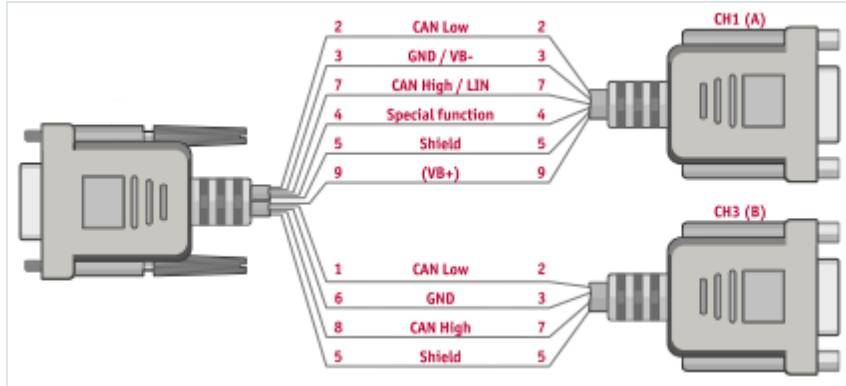
In the Vector Hardware Configuration you get an error message (the dip-switch settings are invalid), if the dip-switches are not set correctly.



The optional CANcable2Y can split the two channels on a VN1630 SUB-D connector to two SUB-D9 connectors. On the CANcable 2Y the two channels are labeled with "CH A" and "CH B". The onboard CAN channel will be "CH B" and the additional piggy will be "CH A".



The following picture shows the CANcable2Y pin assignment in more detail:



Note:

More information is provided in the VN1600 Interface Family Manual and the **VN1600 Quick Start Guide** which is delivered with the VN1630(A) hardware or provided in our Download-Center.

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