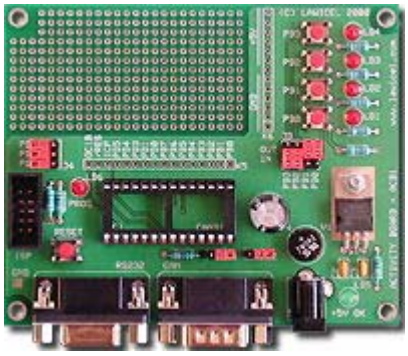

Activity board for CANDIP/M162

This is the **Activity board** (ACB1) for CANDIP/M162 (or the old CANDIP/AVR1 and CANDIP/AVR1M products). With this board you get a quick start prototyping and testing CAN and your own system. Click on the photo for a larger picture showing all features of the Activity board. This board is great for educational purposes and a low cost alternative to wire up something on your own.

ACB1 Features

- Board covered with a ground layer on component side for good EMI performance.
- 28 pin DIP carrier for the CANDIP/M162.
- AC/DC power input in standard 2.1mm, not sensetive to polarity. 7-15V AC/DC. A 7805 that generates +5VDC and a green LED for +5V OK indication.
- ISP connector for In system programming (STK200 compatible) with red led for programming indication.
- Reset button.
- DB9 female for easy RS-232 connections.
- DB9 male for CAN (CiA standard DS102). Possible to feed other nodes via one power supply and the CAN cable (selectable via jumper).
- CAN Termination resistor (120ohm) selectable via jumper.
- 3 ea. jumpers for input, can work as Node addressing (0-7) or other settings.
- 4 buttons and 4 leds (all 4 buttons and leds cannot work at the same time, but it is possible via jumpers to select e.g. 3 leds and 1 button).
- Large prototyping area with all signals from CANDIP/M162 easy accessible from the ends including many for power and ground. SPI signals from CANDIP/M162 is not hooked up with LED's or buttons, so it easy to expand the I/O points with SPI slave devices.

CANDIP/M162

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