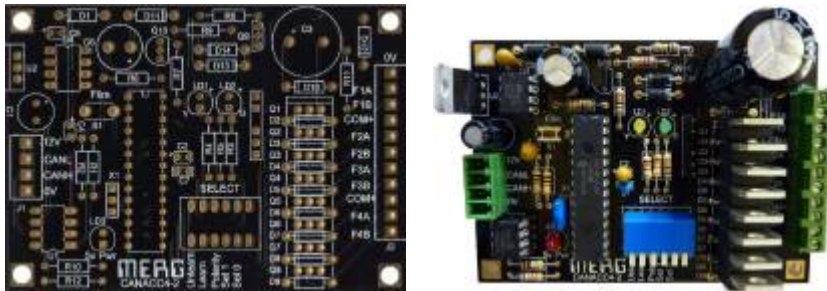


## CANSOL

CANSOL (CAN SOlenoid) is the new name for the kit version of the CANACC4\_2. It uses a 25K80 PIC and runs off a 12V supply.

This is a redesign of Kit 84 for use with a single +12V supply. A voltage doubler is included to provide the required voltage for reliable solenoid operation.



—The circuit diagram can be found in the kit instructions. [[https://www.merg.org.uk/merg\\_kitlocker/downloadit.php?fileid=326&userid=2](https://www.merg.org.uk/merg_kitlocker/downloadit.php?fileid=326&userid=2)]

The PCB (Part #994) is available from the Kitlocker [[http://merg.org.uk/merg\\_kitlocker/section.php?id=25](http://merg.org.uk/merg_kitlocker/section.php?id=25)]

For operational details in SLIM mode see CBUS-12 [[https://www.merg.org.uk/merg\\_tbs/download.php?fileid=1070](https://www.merg.org.uk/merg_tbs/download.php?fileid=1070)]

For operational details in FLIM mode see the CANACC4 setion of the FCU modules guide [[https://www.merg.org.uk/merg\\_wiki/lib/exe/fetch.php?media=cbus\\_flim:the\\_fcu\\_cbus\\_modules\\_1.4.7.42.pdf](https://www.merg.org.uk/merg_wiki/lib/exe/fetch.php?media=cbus_flim:the_fcu_cbus_modules_1.4.7.42.pdf)].

Current files cansol\_v1b.zip Fix added to make sure the capacitor is fully charged on startup.

Obsolete files cansol\_v1a.zip

Mike Bolton 22/10/15

### BETA versions

Version 1c BETA 1 has conditional assembly added so that the CANCDU firmware can be built from the same source code.

cansol1cbeta1-18f25k80.zip

If you are using a CANSOL with version 1b, there is no need to update because this version is functionally identical.

If you are a developer, and wish to add functionality to the CANSOL firmware, you should use this version as your starting point.

For the CANCDU build of this firmware, see the CANCDU page.

Pete Brownlow 10/4/16

## Index of CANSOL pages

The sidebar lists all the pages with the tags **cansol** and **cbus**

## Forum Links

These are links to a thread which may or may not have the solution.

- CANSOL overheating [https://merg.org.uk/forum/viewtopic.php?f=103&t=12760] (long thread)

CANSOL Sidebar

cansol, cbus, kits