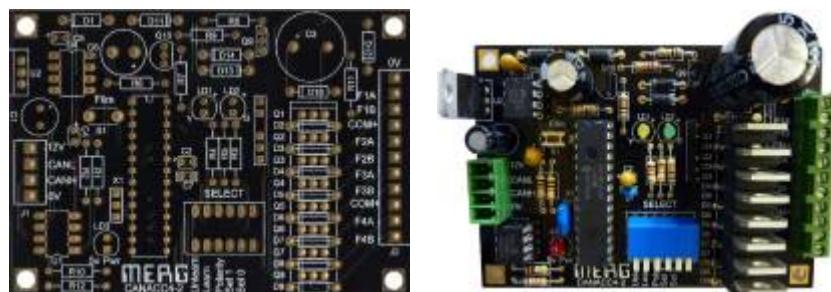




CANSOL

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]

The PCB (Part #994) is available from the Kitlocker [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]

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].

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