

Re: how to initialize the CAN in the network

Source: <http://coding.derkeiler.com/Archive/General/comp.arch.embedded/2006-01/msg00310.html>

- *From:* Dave Hansen <iddw@xxxxxxxxxxxx>
 - *Date:* Tue, 10 Jan 2006 11:09:11 -0600
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On 9 Jan 2006 23:37:03 -0800 in comp.arch.embedded, "Charan" <mrpanchu2003@xxxxxxxx> wrote:

>hi everybody!

>

> I am recently joined member of this group. Currently i have been
>assigned in a project by the name CAN speedometer using fujitsu
>MB90F450 series Controller. Any of you please suggest me on this

I'm unfamiliar wiht the chip.

>project, that is how to initialize the CAN in the network,
>transmitting data(both extended and standard), setting the bit timing
>and reception of datas. and also where can i get the J1939 standard

There are two issues: What are the parameters for your network, and how do you set your chip to use those parameters. The latter is found in your chip's datasheet. The former only you can know. Although the J1939 standard will help. Bosch had an excellent paper describing bit timings somewhere out there on the web. J1939 is 250 kHz, but that doesn't tell you all you need to know about bit timing.

>for Fujitsu F2MC-16LX family.here i have the softune IDE.

J1939 is a standard for vehicle networks, and is available (for a price) from SAE. There's no other (legal) way to get it. It is not specific to your chip, or any chip for that matter. You can save a lot of work by buying J1939 code from a third party, like Vector-Cantech. Your IDE is the least of your worries. There is much for you to learn.

Try looking at the can-cia web site. A lot of basic information you need to know is there, and it might get you off in the right direction.

Regards,
--Dave

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Re: how to initialize the CAN in the network

Change is inevitable, progress is not.

- ***Follow-Ups:***

- ◆ ***Re: how to initialize the CAN in the network***

- ◇ *From:* Charan

- ◆ ***Re: how to initialize the CAN in the network***

- ◇ *From:* dave

- ***References:***

- ◆ ***how to initialize the CAN in the network***

- ◇ *From:* Charan

- Prev by Date: ***Re: usb mass storage: standard directory tree?***

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