

LAN access for FFMC16 / FR

In-Circuit-Emulators

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History

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28 th June 00	TKa	V1.1	New format

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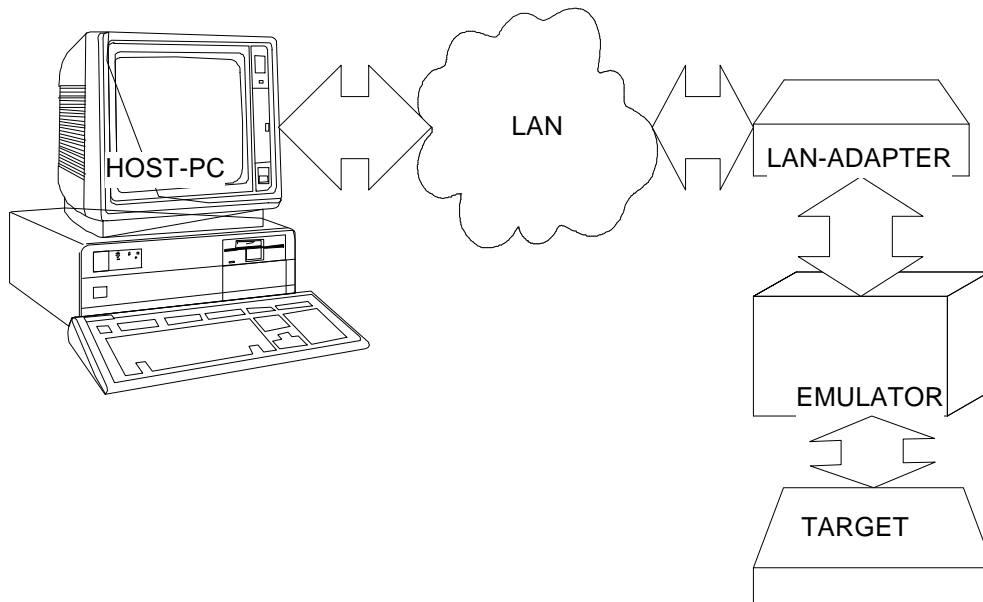
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LAN ACCESS FOR THE FUJITSU'S 16 and 32Bits-IN -CIRCUIT-EMULATORS

With the new FUJITSU'S LAN-Adapter you are no more obliged to be located next to a Fujitsu flash microcontroller to get it programmed.



The Fujitsu emulators MB2141 and MB2197-01 respectively for the 16bits- and the FR-flash-microcontroller are provided with a local area network adapter that can be used to programme and debug a device over a network connection. No additional hardware connection except the LAN connection is required for this purpose

Using the Fujitsu LAN-remote controlled debug facility,

- a Fujitsu support engineer can easily help solving a concrete problem by debugging your application out of a Fujitsu support centre.
- you can control the emulator from different locations without having to move your hardware installation from one place to another.

Getting the LAN-Adapter Hardware installed

please refer to the corresponding Fujitsu emulator setting manual to get your emulator connected. Proceed the hardware installation as described in the emulator set-up manual CM41-004 12 –1E for the 16Bits-family. The set-up manual for the FR-Family will be available in the next future

Configuring the LAN-Adapter

Please Install the Fujitsu debugger utility from the installation Compact Disk version 2.1

Start the debugger setting utility.

Make sure the line below is included in your services file located in your windows directory The services file is a text file that can be modify using any simple dos text editor.(for instance notepad)

"fjicesv 5001/tcp"

(5001 represents the LAN port address and FJICESV stands for Fujitsu In-Circuit-Emulator-Supervisor)

To get the current LAN port address of your emulator please read out the settings from the emulator device therefore you should connect the host computer to the emulator via a serial cable since no other

interface connection exist. If the LAN-connection is established you can use it to change the LAN-port address of the adapter.

Contact your network administrator to assign the LAN-Adapter an IP-address in your Network and let the LAN Hostname be registered by the DNS (Domain name server). Please keep the Hostname identical to that in the debugger settings.

Do not forget to choose the right communication interface (**LAN**) otherwise the debug software will try to establish the communication via the default interface which is the RS232 and you won't have any access to the hardware. Please refer to the emulator debugger manual for more on the setting dialogs.

by Andre Atchom/MCUGROUP