

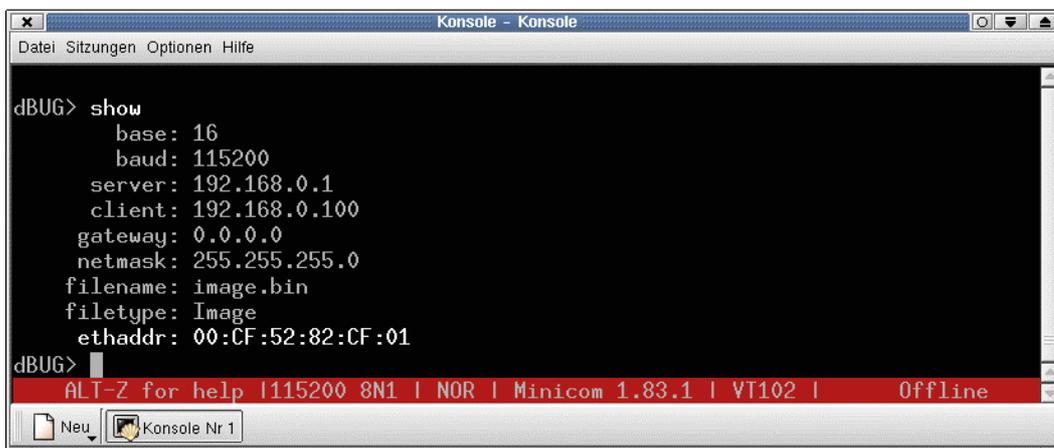
How to find the DNP/5280 Ethernet MAC Address

For some network configuration tasks (i.e. Firewall setup procedures) it can be necessary to know the Ethernet MAC address of a specific network member.

- **1. Step:** Setup a serial link (**RS232 Serial Link**) between the DIL/NetPC DNP/5280 COM1 serial port and a serial port of your PC system. Use a null-modem for the physical connection between the COM1 port of the DIL/NetPC DNP/5280 and the PC COM port. For more details about this connection please use the DIL/NetPC DNP/5280 Starter Kit documentation.
- **2. Step:** Set the RCM jumper bridge of your DIL/NetPC DNP/5280 to boot the Motorola dBUG ROM Monitor program directly from the DIL/NetPC DNP/5280 on-board flash memory. For more details about this jumper bridge please use the DIL/NetPC DNP/5280 Starter Kit documentation.
- **3. Step:** Run your terminal emulation program. Microsoft Windows-based PC systems offer *HyperTerminal* for this task. Linux-based systems come with *Minicom*. Then provide the DNP/5280 with power. Enter the command

```
show
```

and the dBUG ROM Monitor displays all network setup values and parameters. The value for **ethaddr** is the Ethernet MAC address of your DIL/NetPC DNP/5280.



```
Konsole - Konsole
Datei Sitzungen Optionen Hilfe

dBUG> show
  base: 16
  baud: 115200
  server: 192.168.0.1
  client: 192.168.0.100
  gateway: 0.0.0.0
  netmask: 255.255.255.0
  filename: image.bin
  filetype: Image
  ethaddr: 00:CF:52:82:CF:01
dBUG>
ALT-Z for help | 115200 8N1 | NOR | Minicom 1.83.1 | VT102 | Offline
Neu Konsole Nr 1
```

That is all.