tms380tr.txt

Text file for the Linux SysKonnect Token Ring ISA/PCI Adapter Driver. Text file by: Jay Schulist <jschlst@samba.org>

The Linux SysKonnect Token Ring driver works with the SysKonnect TR4/16(+) ISA, SysKonnect TR4/16(+) PCI, SysKonnect TR4/16 PCI, and older revisions of the SK NET TR4/16 ISA card.

Latest information on this driver can be obtained on the Linux-SNA WWW site. Please point your browser to: http://www.linux-sna.org

Many thanks to Christoph Goos for his excellent work on this driver and SysKonnect for donating the adapters to Linux-SNA for the testing and maintenance of this device driver.

Important information to be noted:

- 1. Adapters can be slow to open (~20 secs) and close (~5 secs), please be patient.
- 2. This driver works very well when autoprobing for adapters. Why even think about those nasty io/int/dma settings of modprobe when the driver will do it all for you!

This driver is rather simple to use. Select Y to Token Ring adapter support in the kernel configuration. A choice for SysKonnect Token Ring adapters will appear. This drives supports all SysKonnect ISA and PCI adapters. Choose this option. I personally recommend compiling the driver as a module (M), but if you you would like to compile it statically answer Y instead.

This driver supports multiple adapters without the need to load multiple copies of the driver. You should be able to load up to 7 adapters without any kernel modifications, if you are in need of more please contact the maintainer of this driver.

Load the driver either by lilo/loadlin or as a module. When a module using the following command will suffice for most:

modprobe sktr

This will produce output similar to the following: (Output is user specific)

sktr.c: v1.01 08/29/97 by Christoph Goos

tr0: SK NET TR 4/16 PCI found at 0x6100, using IRQ 17. tr1: SK NET TR 4/16 PCI found at 0x6200, using IRQ 16.

tr2: SK NET TR 4/16 ISA found at 0xa20, using IRQ 10 and DMA 5.

Now just setup the device via ifconfig and set and routes you may have. After this you are ready to start sending some tokens.

Errata:

For anyone wondering where to pick up the SysKonnect adapters please browse to http://www.syskonnect.com

This driver is under the GNU General Public License. Its Firmware image is included as an initialized C-array and is licensed by SysKonnect to the Linux users of this driver. However no warranty about its fitness is expressed or implied by SysKonnect.

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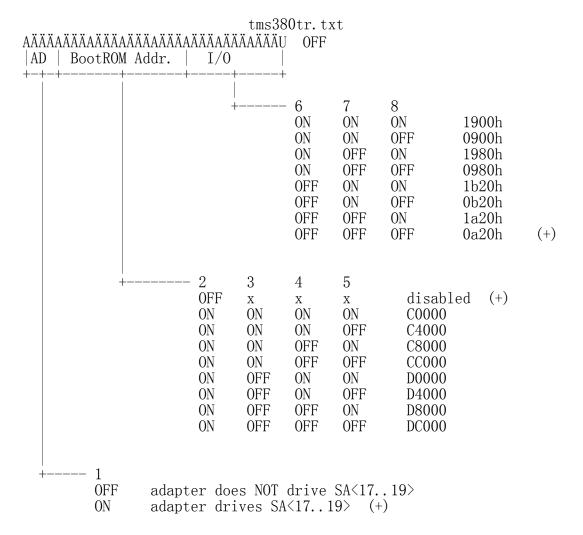
Below find attached the setting for the SK NET TR 4/16 ISA adapters

- 1) Location of DIP-Switch W1
- 2) Default settings

3) DIP-Switch W1 description

______ CHAPTER 1 LOCATION OF DIP-SWITCH \$AÄÄÄÄÜd JÄÄÄÄÄU JÄÄÄU þ d däÄÄÄU þ **Þ**AÄÄÄÄÄÄU W1 AÄÄÄÄÄU \$ÄÄÄÄÄÜdd þ þ þ AÄÄÄÄU þ JÄÄÄJ **JÄÄÄÄÄÄÄÄÄÄ**Ü **þ**AÄÄÄÄÄÄÜ þ þ ĀÄÄÄU \$ÄÄÄÄÄÜd UÄÄÄ¿ AÄÄÄU TMS380C26 b **þ**AÄÄÄÄÄÄÜ þ ÄÄÄÄÜ ÄÄ¿, buäääääää. **þ**AÄÄÄÄÄÄÜ þþ **AÄÄÄÄÄÄÄÄÄÄÄÄ**Û þþ þþ AÄU þ þ þ DEFAULT SETTINGS CHAPTER 2 W11 2 3 4 5 6 7 8 ON **OFF** $X \quad X \quad X \quad X \quad X \quad X \quad X$ W1.1 = ONAdapter drives address lines SA17...19 W1.2 - 1.5 = OFFBootROM disabled W1.6 - 1.8 = OFFI/O address 0A20h CHAPTER 3 DIP SWITCH W1 DESCRIPTION

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(+) means default setting
