Netzwerkkomponenten

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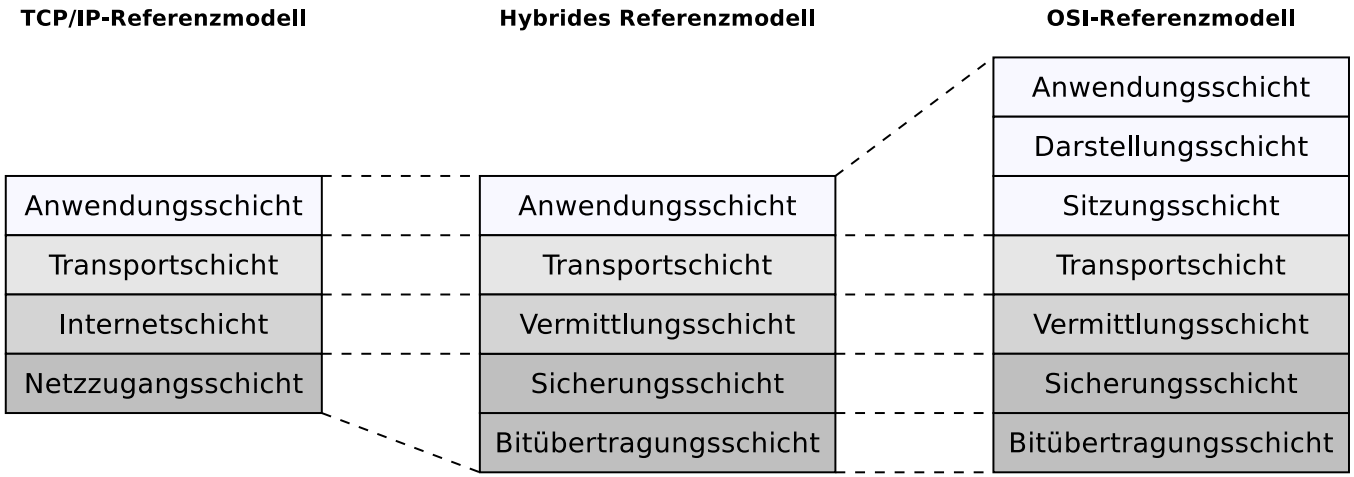
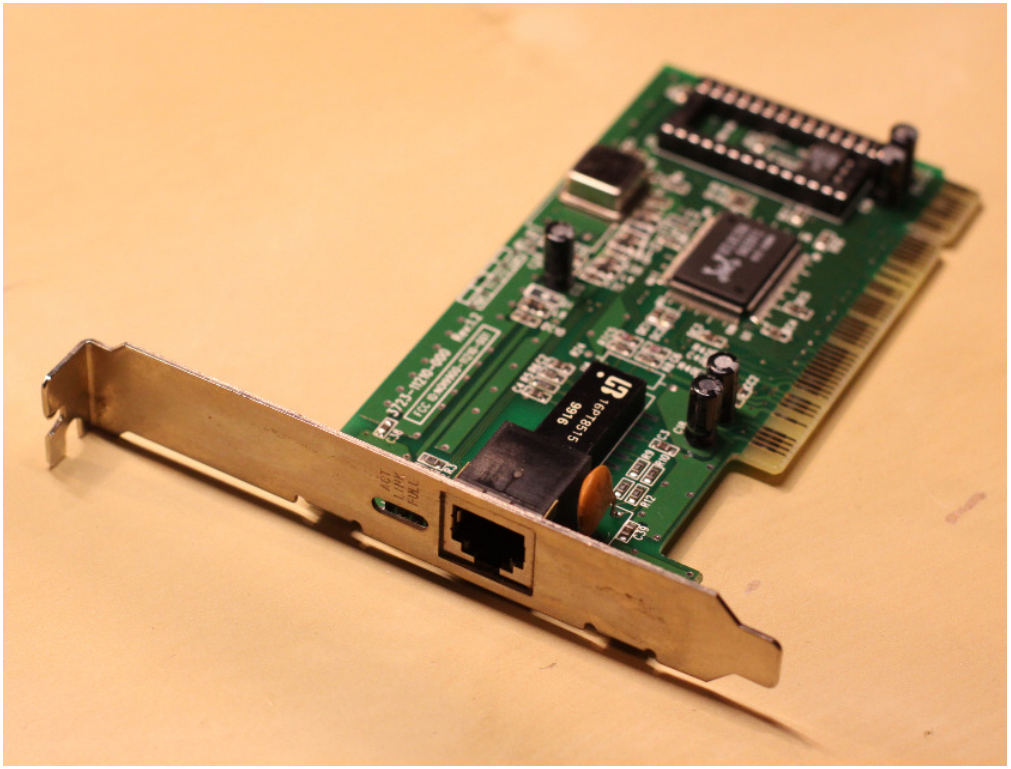
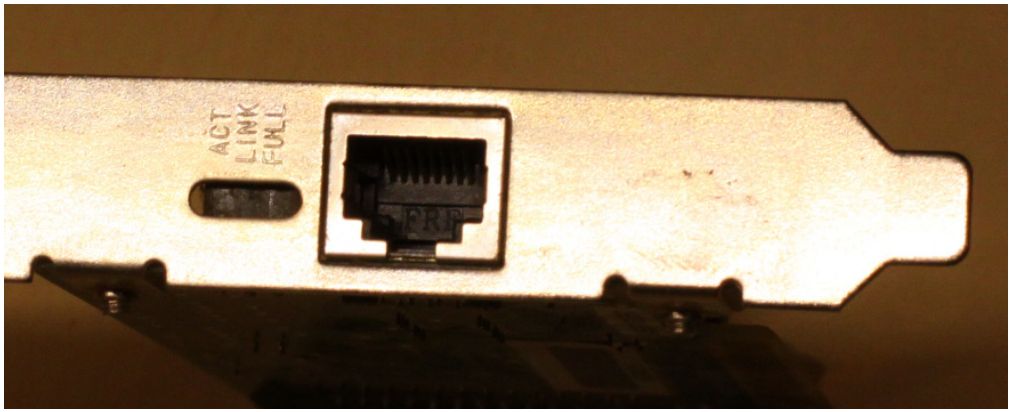
Aufgabe

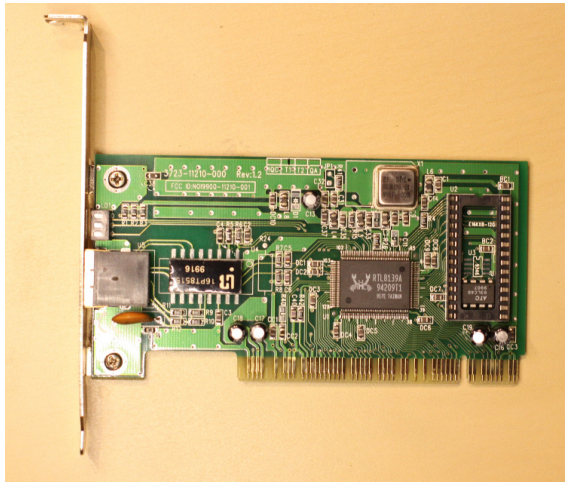
- Auf den Folien dieses Foliensatzes befinden sich Abbildungen zu verschiedenen Netzwerkkomponenten
- Versuchen Sie die Netzwerkkomponenten den Schichten im hybriden Referenzmodell zuzuordnen

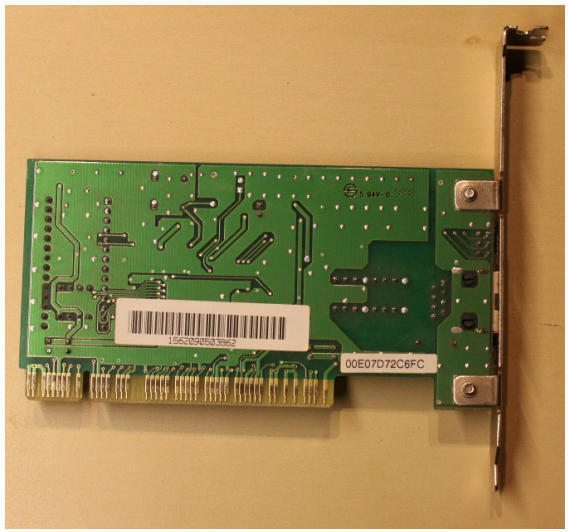


Komponente 1









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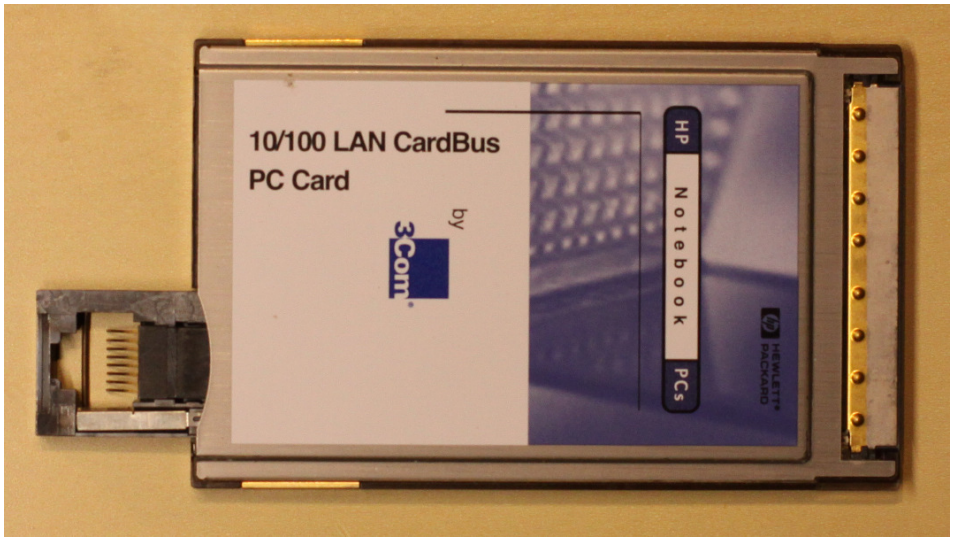
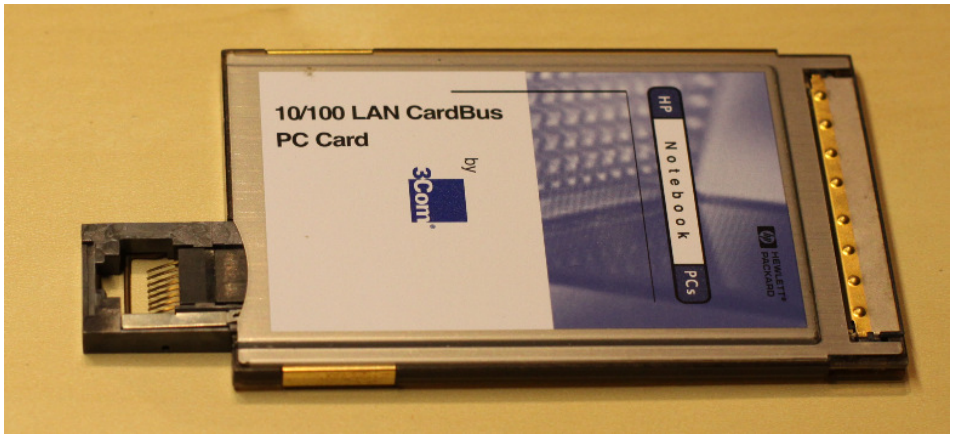
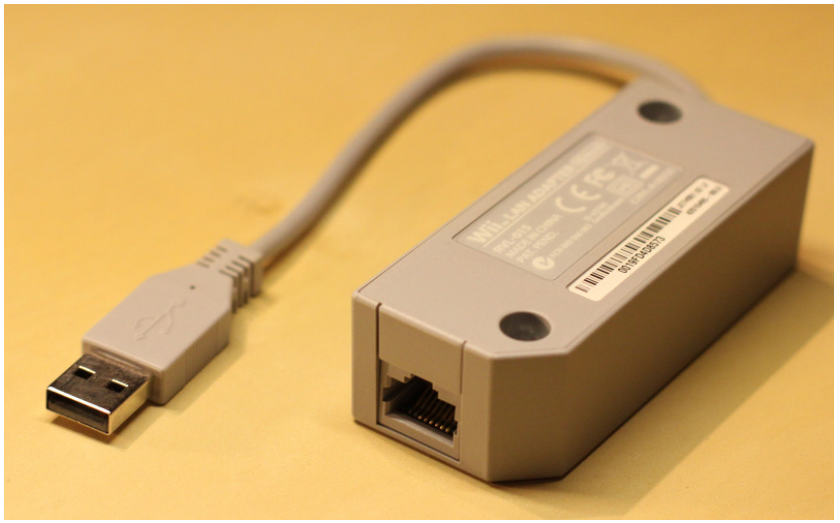
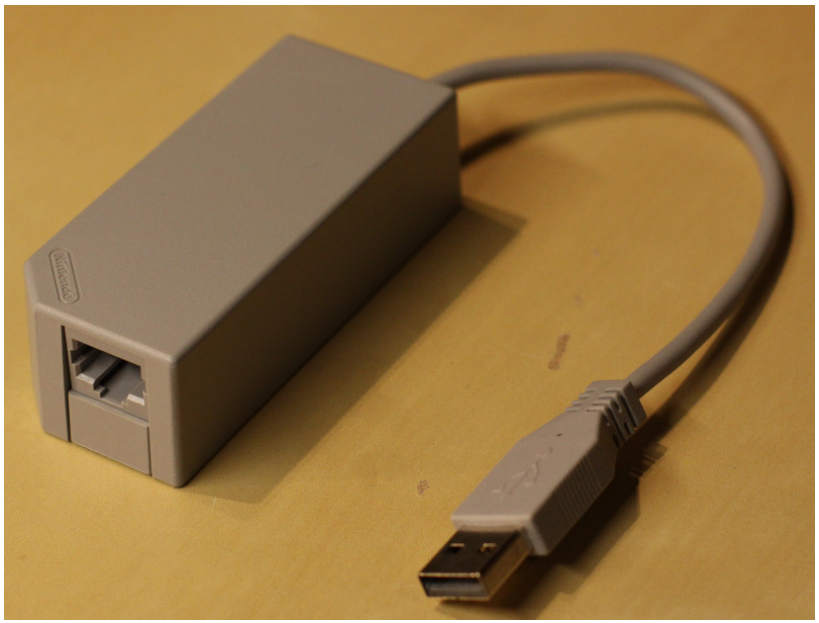




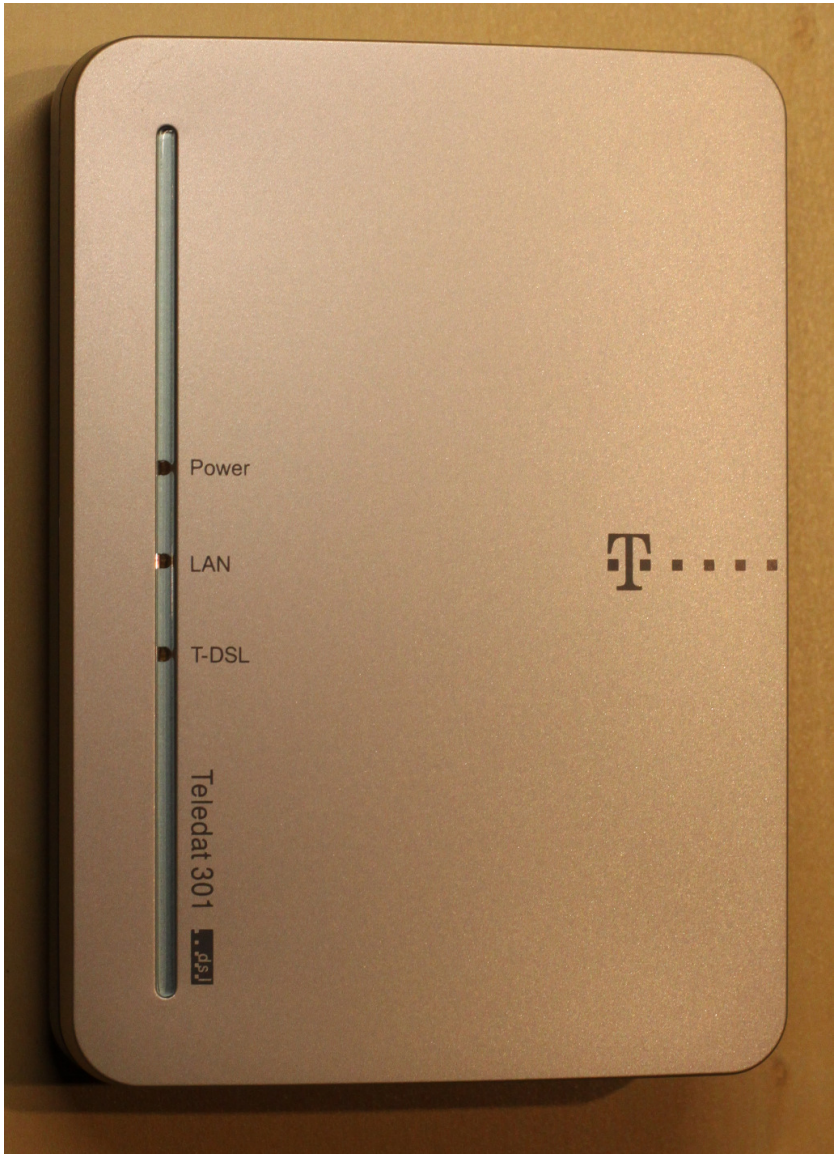
Komponente 3

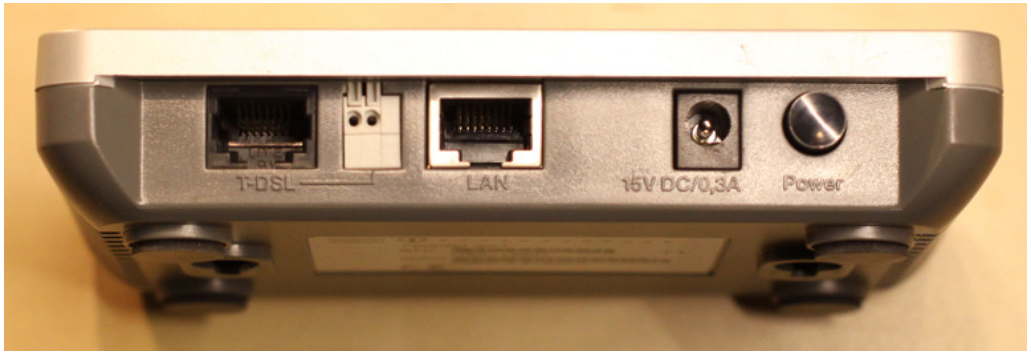




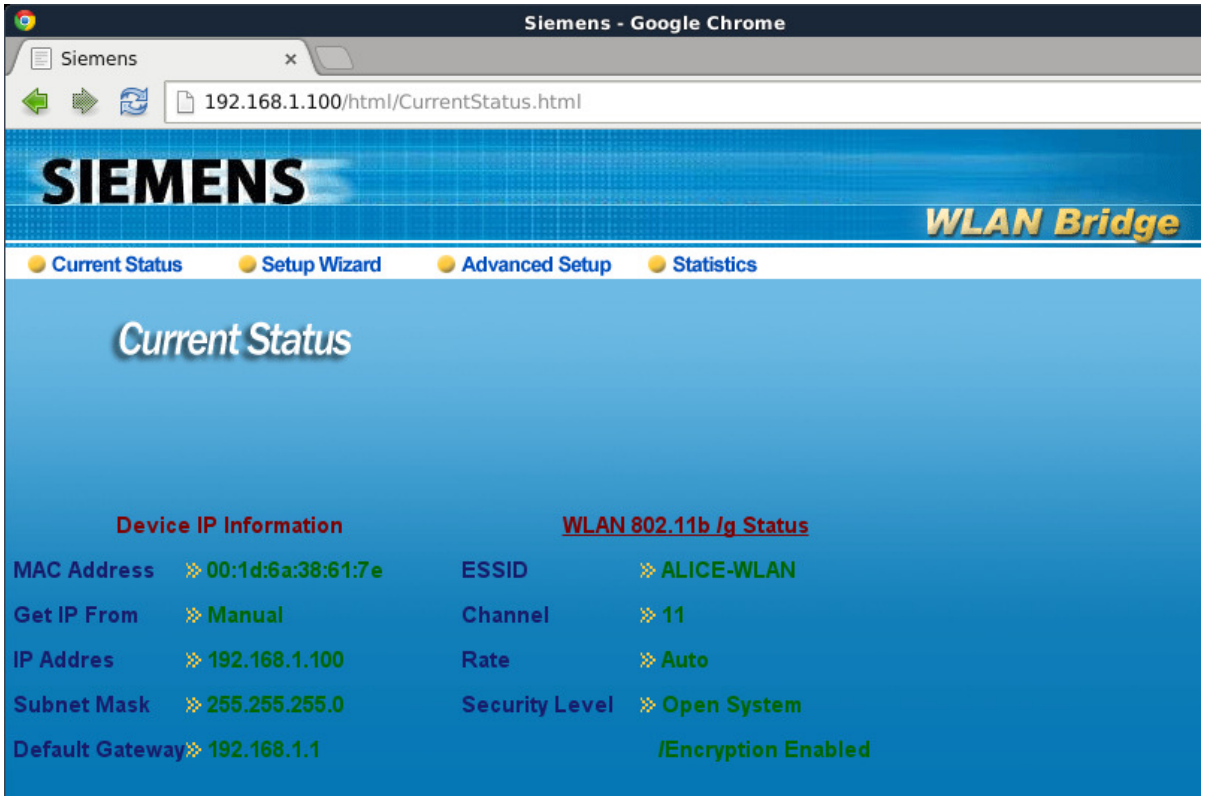
Komponente 4

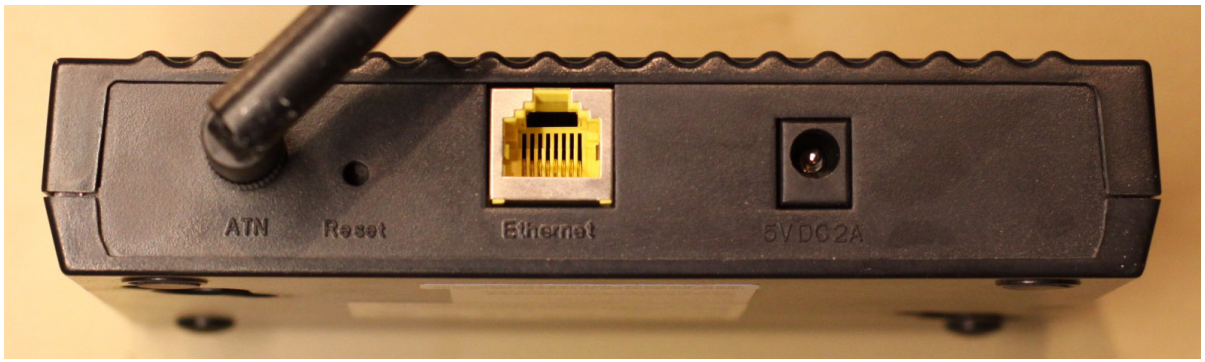
Komponente 5





Komponente 6





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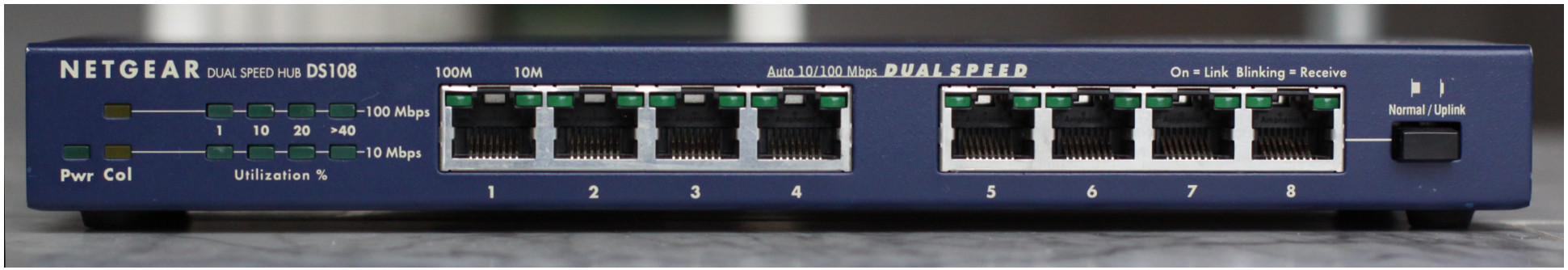
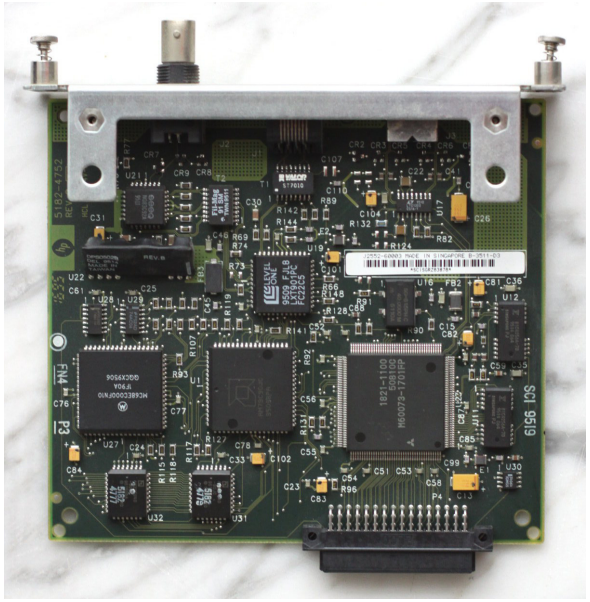
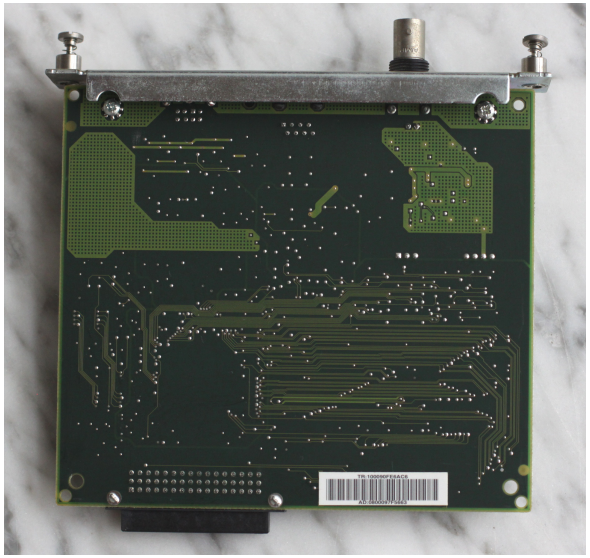


Komponente 8

Komponente 9

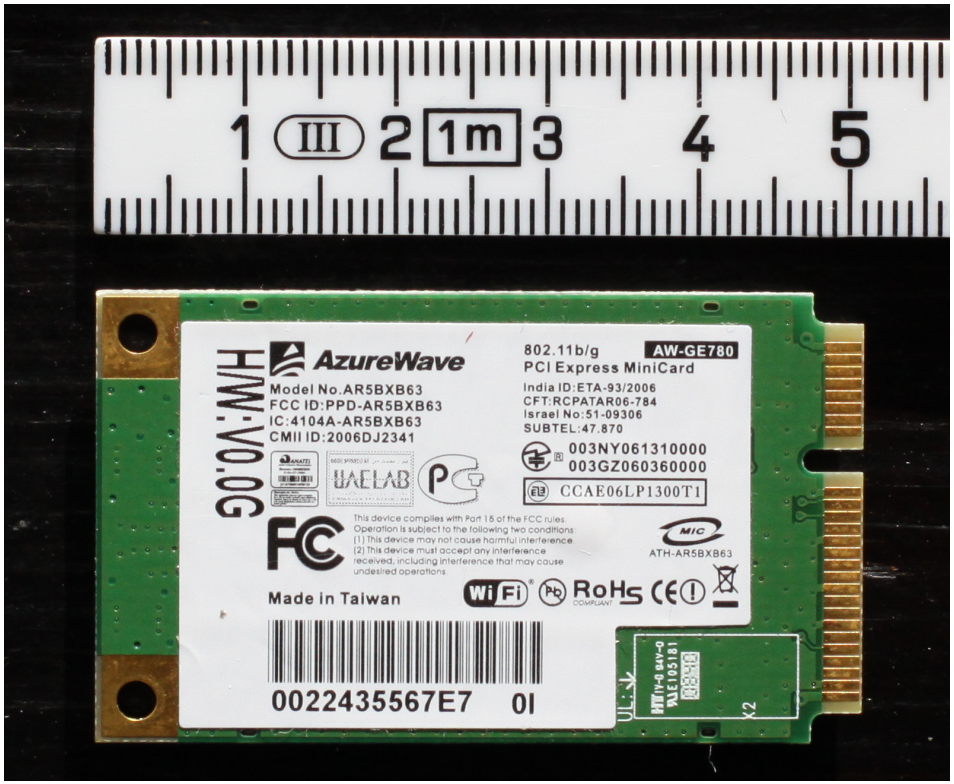
```
# telnet 10.0.0.5
Trying 10.0.0.5...
Connected to 10.0.0.5
Escape character is '^]'.

HP JetDirect

Please type "?" for HELP, or "/" for current settings

> /
===JetDirect Telnet Configuration===
Firmware Rev.    : A.08.49
MAC Address      : 08:00:09:7f:56:63
Config By        : USER SPECIFIED
IP Address       : 10.0.0.5
Subnet Mask      : 255.255.255.0
Default Gateway  : 10.0.0.1
Syslog Server    : Not Specified
Idle Timeout     : 90 Seconds
Set Cmnty Name   : Not Specified
Host Name        : LASERJET
DHCP Config      : Disabled
```

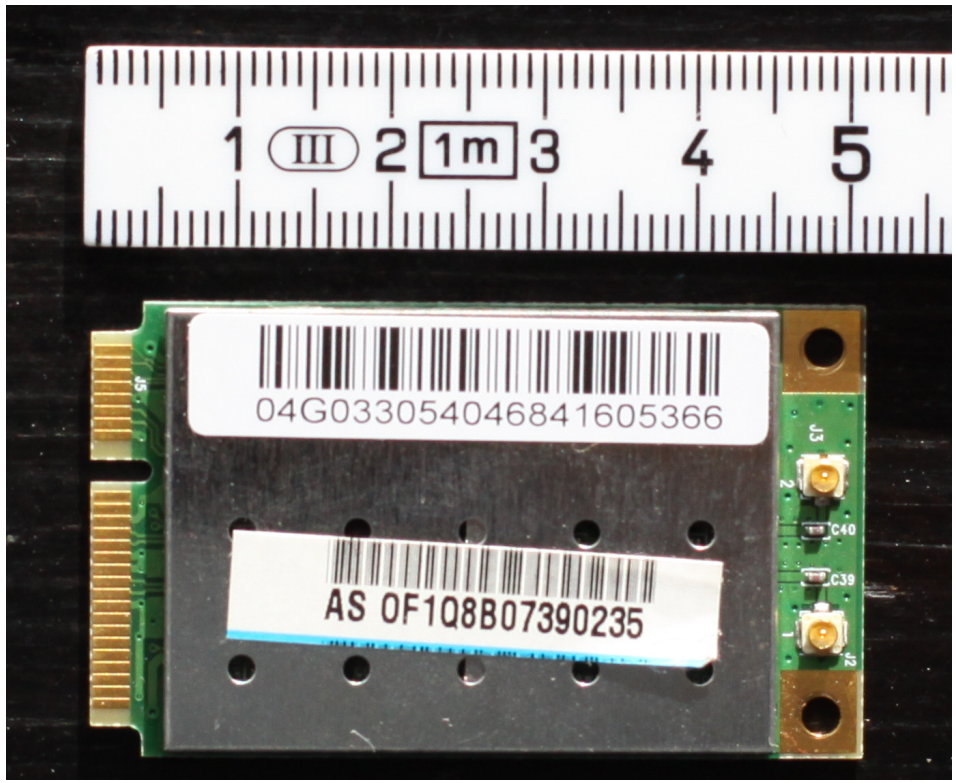




Komponente 10

Komponente 11

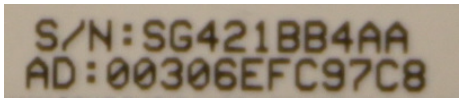




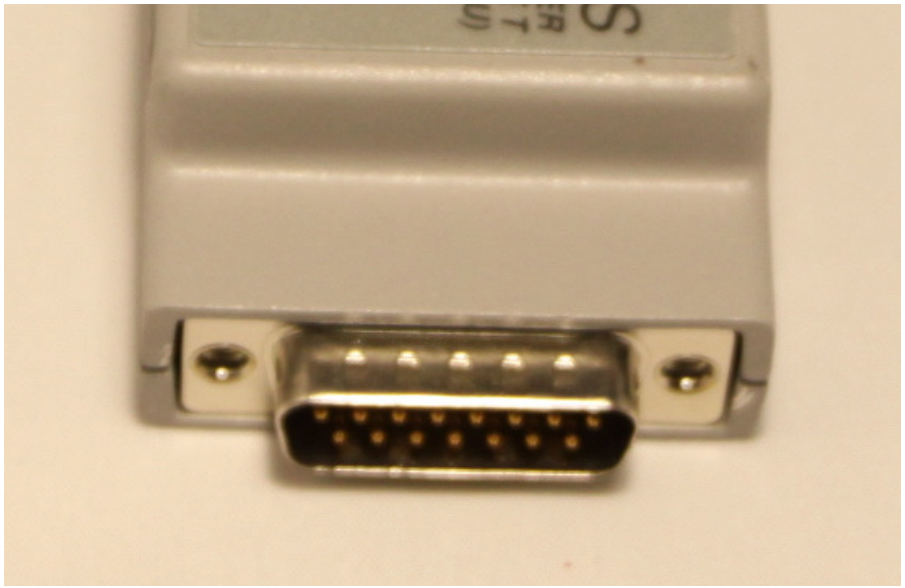
0022435567E7

Komponente 12

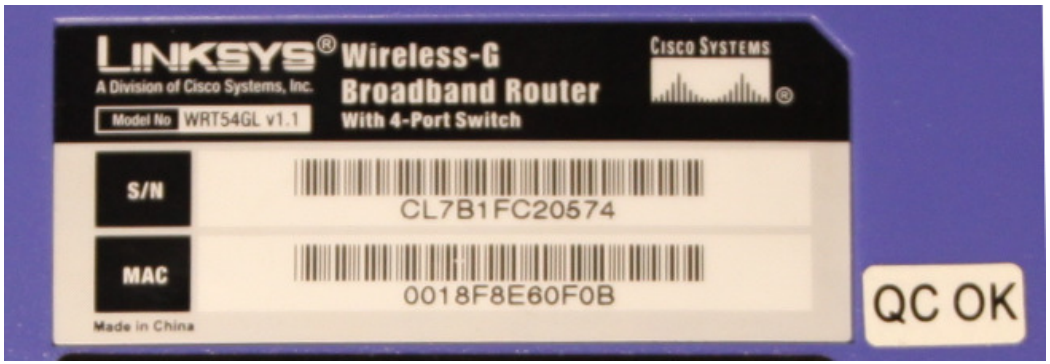
```
$ telnet 192.0.0.192
Trying 192.0.0.192...
Connected to 192.0.0.192.
Escape character is '^]'.

HP JetDirect

Please type "?" for HELP, or "/" for current settings
> /

===JetDirect Telnet Configuration===
Firmware Rev.    : F.08.20
MAC Address      : 00:30:6e:fc:97:c8
Config By        : Default IP

IP Address       : 192.0.0.192
Subnet Mask      : Not Specified
Default Gateway  : 192.0.0.192
Syslog Server    : Not Specified
Idle Timeout     : 90 Seconds
Set Cmnty Name   : Not Specified
Host Name        : Not Specified

DHCP Config      : Enabled
Passwd           : Disabled
IPX/SPX          : Enabled
DLC/LLC          : Enabled
Banner page      : Enabled
```



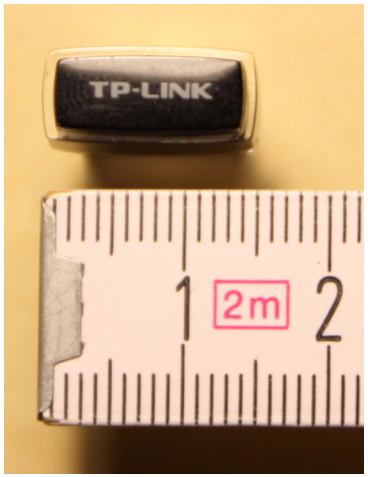
Komponente 13

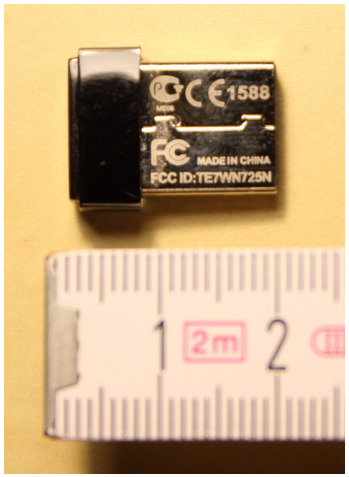


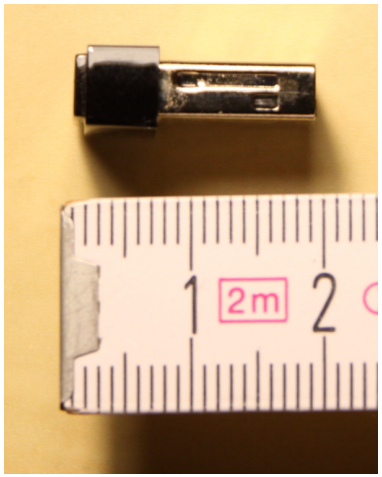
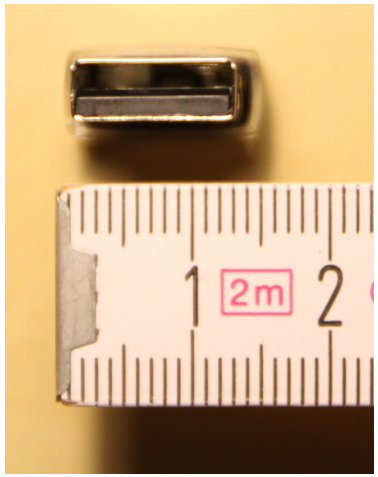
Komponente 14



Komponente 15

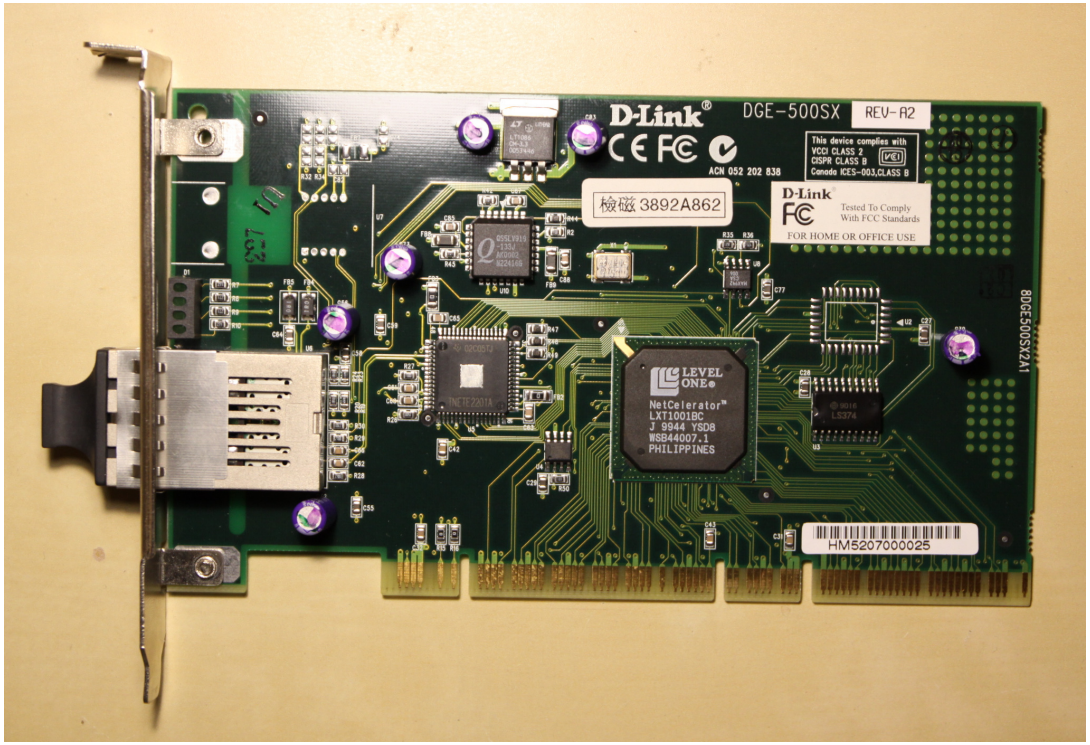


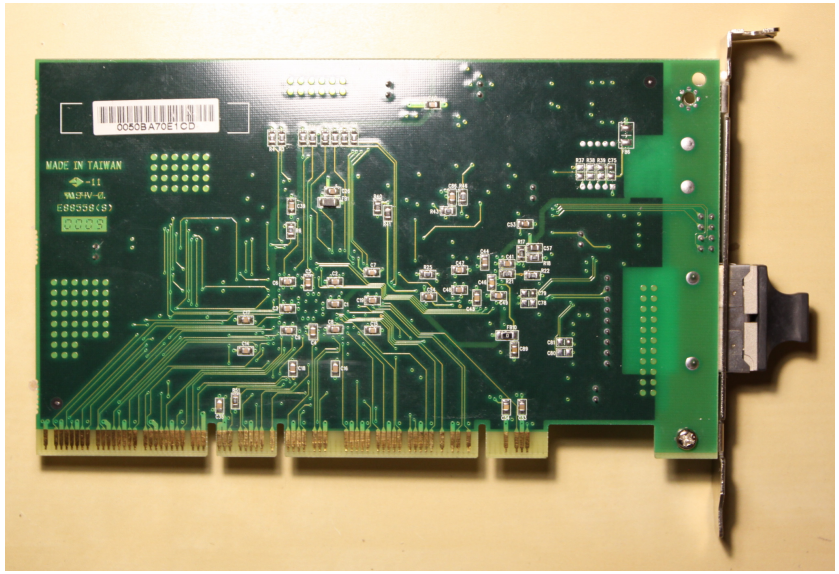


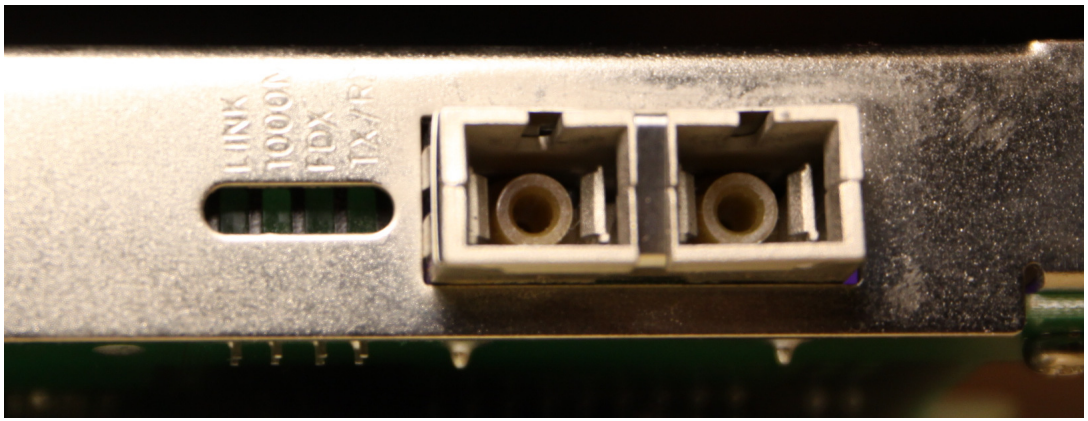



```
[221411.207865] usb 1-2: USB disconnect, device number 90
[221703.999606] usb 1-1: USB disconnect, device number 91
[221732.387524] usb 1-1: new high-speed USB device number 92 using xhci_hcd
[221732.528114] usb 1-1: New USB device found, idVendor=0bda, idProduct=8179
[221732.528118] usb 1-1: New USB device strings: Mfr=1, Product=2, SerialNumber=3
[221732.528121] usb 1-1: Product: 802.11n NIC
[221732.528123] usb 1-1: Manufacturer: Realtek
[221732.528126] usb 1-1: SerialNumber: 00E04C0001
[221733.120663] r8188eu: module is from the staging directory, the quality is unknown, you have been warned.
[221733.124373] Chip Version Info: CHIP_8188E_Normal_Chip_TSMC_A_CUT_1T1R_RomVer(0)
[221733.150775] usbcore: registered new interface driver r8188eu
[221733.152618] r8188eu 1-1:1.0 wlx6466b31c4fbc: renamed from wlan0
[221733.177891] IPv6: ADDRCONF(NETDEV_UP): wlx6466b31c4fbc: link is not ready
[221733.178917] r8188eu 1-1:1.0: firmware: direct-loading firmware rtlwifi/rtl8188eufw.bin
[221733.544034] MAC Address = 64:66:b3:1c:4f:bc
```

Komponente 16

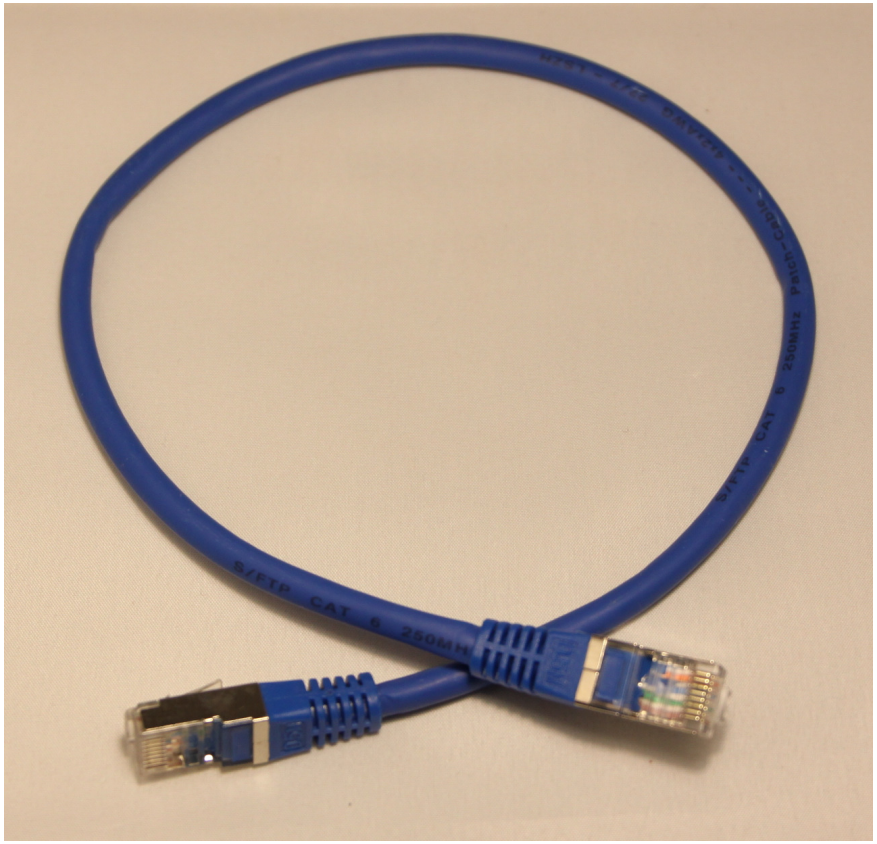


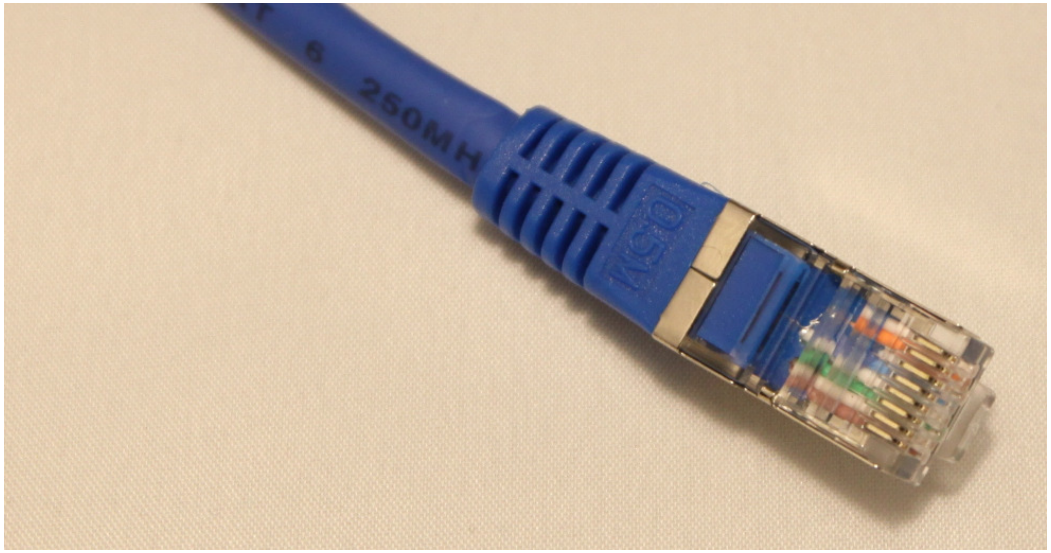


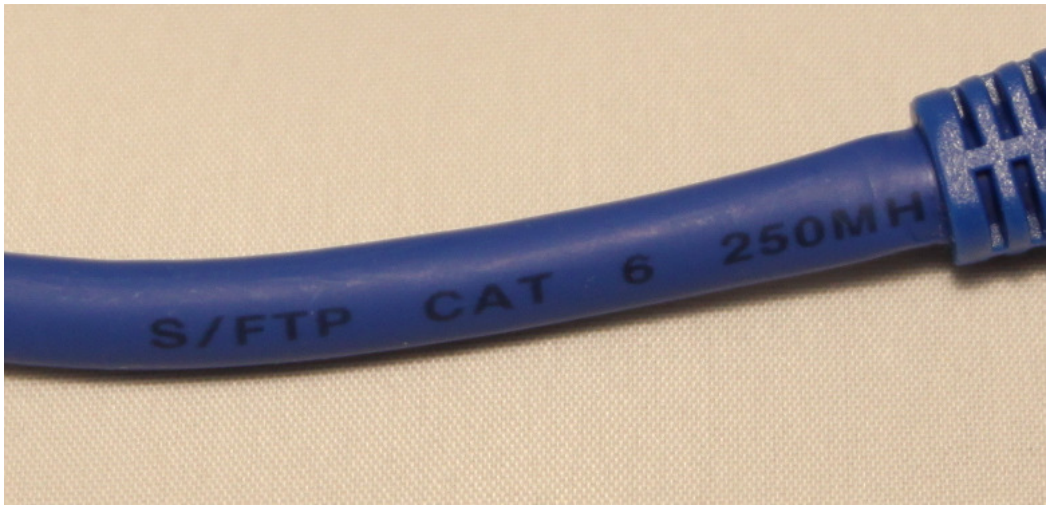


Komponente 17

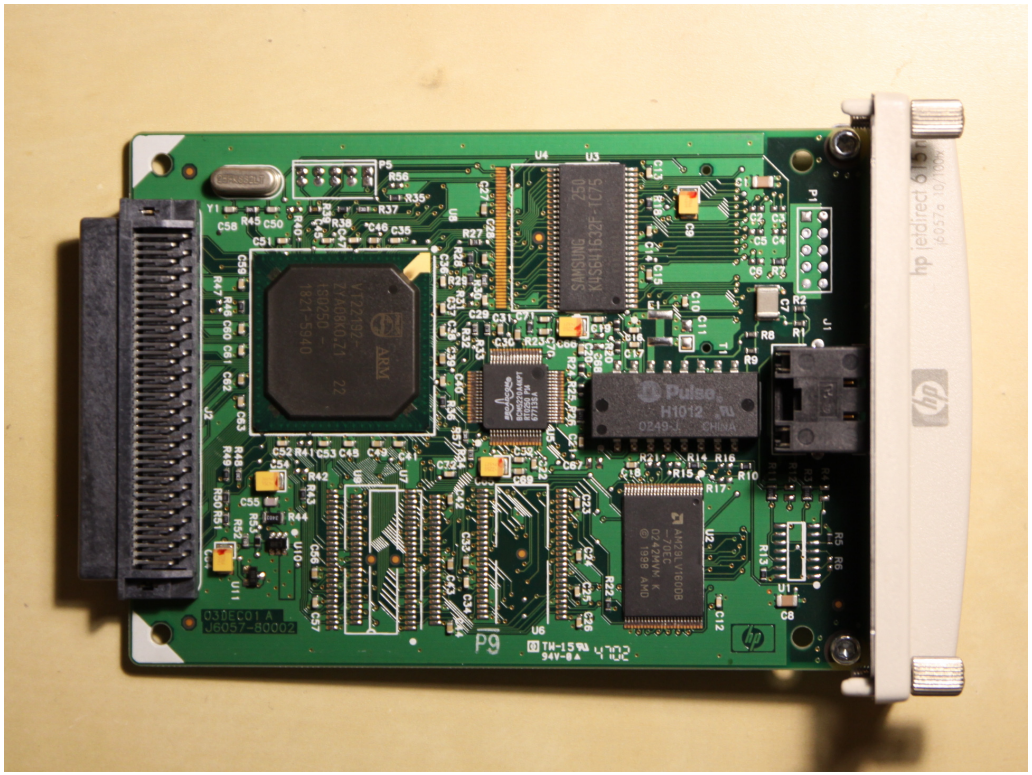
Komponente 18

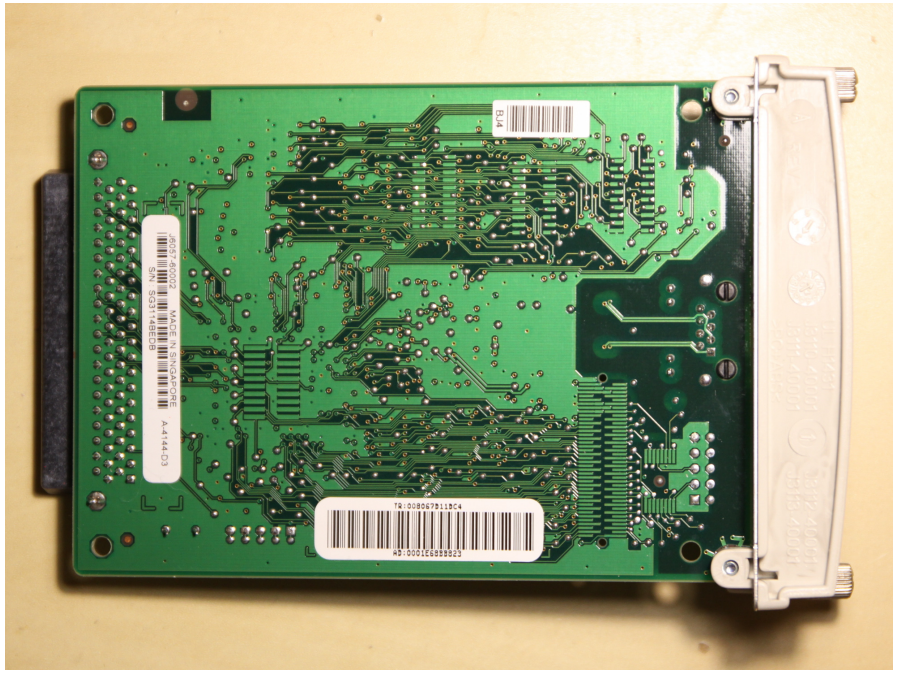


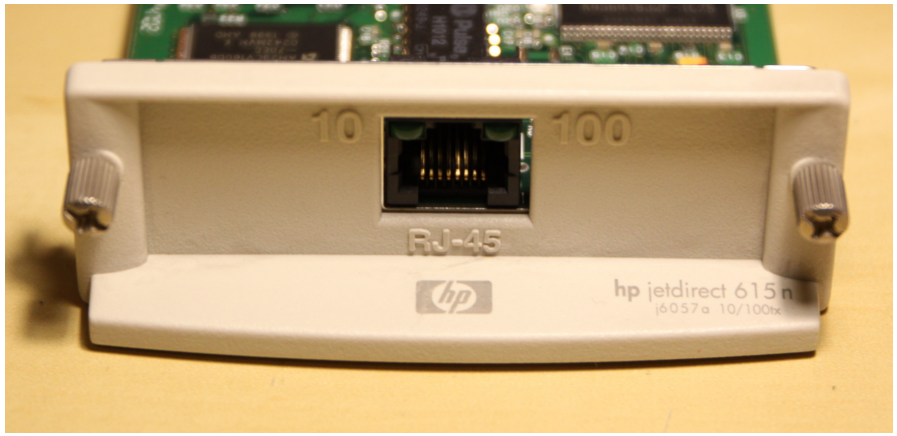




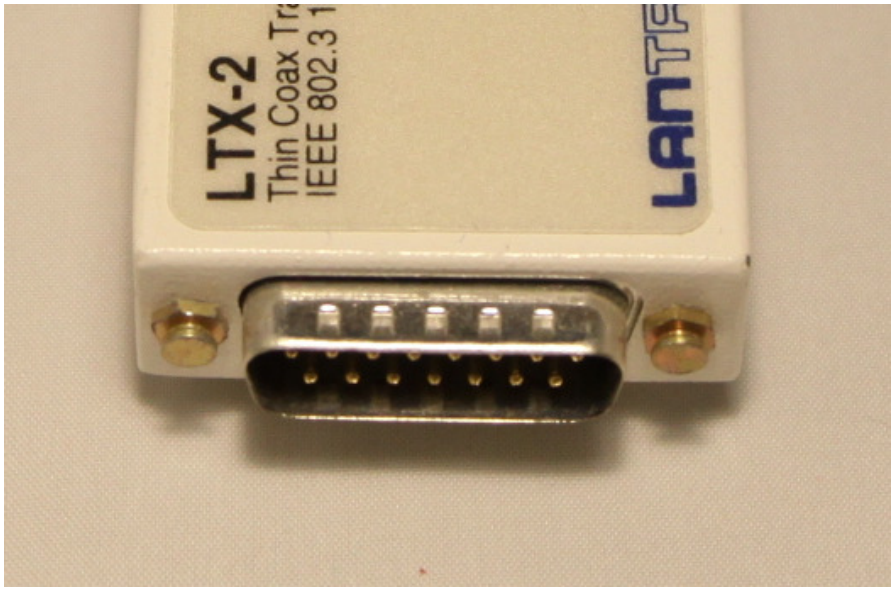
Komponente 19

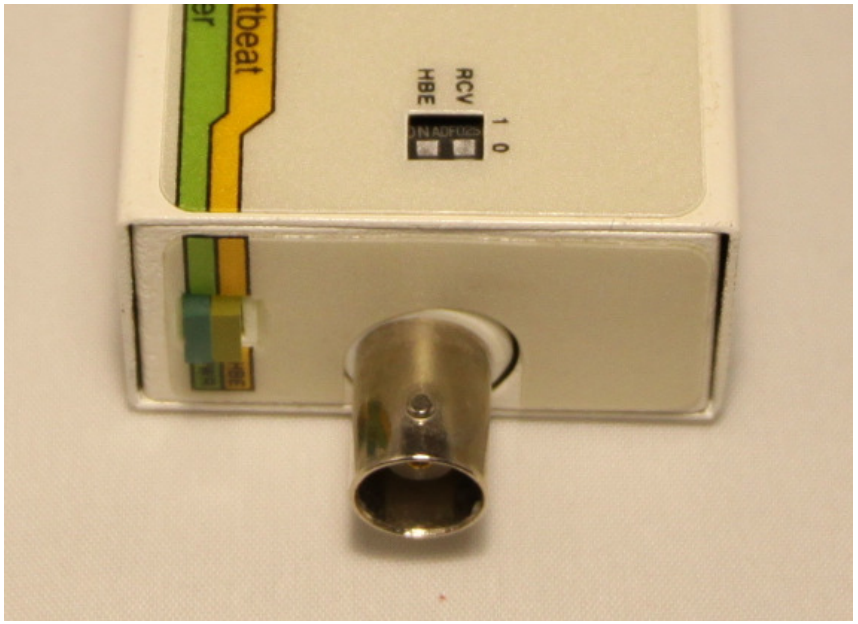




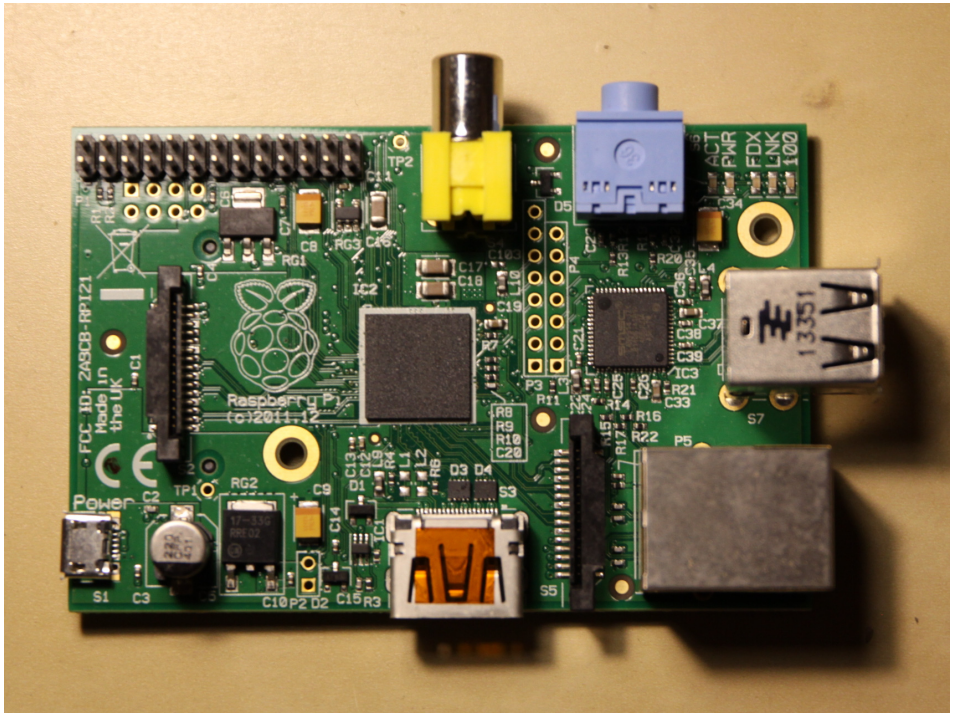


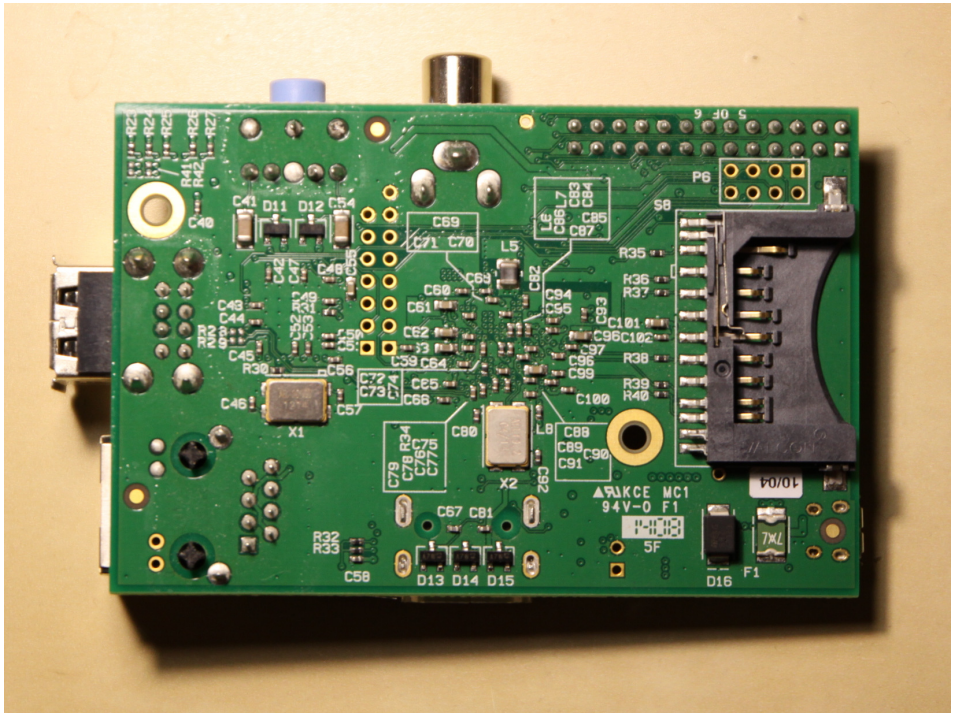
Komponente 20

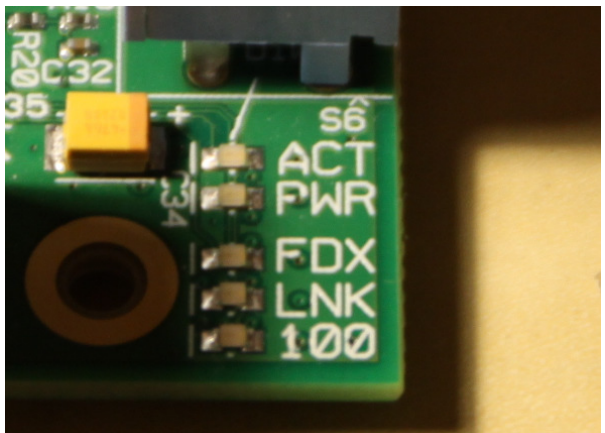


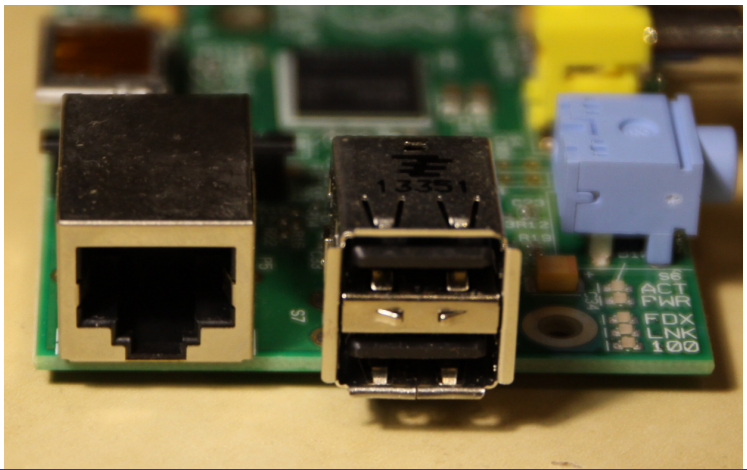


Komponente 21









Komponente 22

- Bestandteile trockener Luft:
  - Stickstoff (N_2)
  - Sauerstoff (O_2)
  - Argon (Ar)
  - Kohlenstoffdioxid (CO_2)
  - Neon (Ne)
  - Helium (He)
  - Methan (CH_4)
  - Krypton (Kr)
  - Wasserstoff (H_2)
  - usw.