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TCE Tinycore Linux Project englisch

[Versionsgeschichte interaktiv durchsuchen](#)

[VisuellWikitext](#)

Version vom 30. April 2013, 10:20 Uhr (Quelltext anzeigen)

[OE2WAO](#) ([Diskussion](#) | [Beiträge](#))

[← Zum vorherigen Versionsunterschied](#)

Aktuelle Version vom 8. Januar 2023, 15:01 Uhr (Quelltext anzeigen)

[OE2WAO](#) ([Diskussion](#) | [Beiträge](#))

Markierung: [Visuelle Bearbeitung](#)

(14 dazwischenliegende Versionen desselben Benutzers werden nicht angezeigt)

Zeile 1:

==Intro==

[[Bild:PPC.jpg|thumb|500MHz LowPower industrial PC]]

This hamradio software project is based on [http://www.tinycorelinux.com TCE - Tinycore Linux], an embedded software system used on plattformen like industrial pc, ALIX and others, and offers **services and possibilities like**

***packet radio,**

***APRS,**

***lightning log,**

***small webserver,**

***SVX-Link (Echolink)**

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[[Datei:Deutschland-flagge.gif]] Für die deutsche Version dieses Projekts [[TCE Tinycore Linux Projekt | >>hier klicken<<]]

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	+ + + +	*SVX Link (Echolink) *WINLINK Global Radio Email (RMS Packet) *Switching and measuring center
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One goal is a minimum on material expenditure and also a minimal current consumption, followed by a maximum of features		One goal is a minimum on material expenditure and also a minimal current consumption, followed by a maximum of features
More information on the hamradio TCE - tinycore linux project coming here soon		More information on the hamradio TCE - tinycore linux project coming here soon
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===Connections and conversion of **our** used industrial **PC**===

[[Bild:12v-umbau.jpg|thumb|power supply conversion 12V]]

There are several connectors (COM, USB, network) on the frontside of our panels, as you can see. For correct polarity it is important to connect the + pole to the right pin of the 3pol power supply connector, the pin which is closer to the USB ports. The negative pole is the left pin.

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If there is no onboard sound available, you can use a USB soundcard instead. Suggested types you can find [\[Geeignete Soundkarten|here\]](#).

```

graph TD
    subgraph OE2WAO_Path [OE2WAO Path]
        S1[==Software==] --> B1[A ready-to-use software image is located on the [http://www.oe2wao.info/tce OE2WAO Server] (e.g. tc455x-128.zip means version 4.55 with GUI on 128MB data drive)]
        B1 --> B2[DL1NUX has created a wiki on installation and operating the dxlToolchain http://dxlwiki.dl1nux.de/ (german)]
        B2 --> B3[===Software schematic===]
        B3 --> B4[==Help==]
        B4 --> B5[If you need help on configuring the software packages you can contact us on packet radio convers channel 44.]
    end

    subgraph DL1NUX_Path [DL1NUX Path]
        S2[==Software==] --> B6[A ready-to-use software image is located on the [http://www.oe2wao.info/tce OE2WAO Server] (e.g. tc455x-128.zip means version 4.55 with GUI on 128MB data drive)]
        B6 --> B7[There is also a version for raspberry pi hardware in test, and available soon.]
        B7 --> B2
        B2 --> B3
        B3 --> B4
        B4 --> B5
        B4 --> B6a[If you need help on configuring the software packages you can contact OE5DX L on packet radio convers channel 501.]
    end
  
```

Aktuelle Version vom 8. Januar 2023, 15:01 Uhr



Für die deutsche Version dieses Projekts >>[hier klicken](#)<<

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2.2	Soundcard	25
3	Software	25
3.1	Software schematic	25
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500MHz LowPower industrial PC

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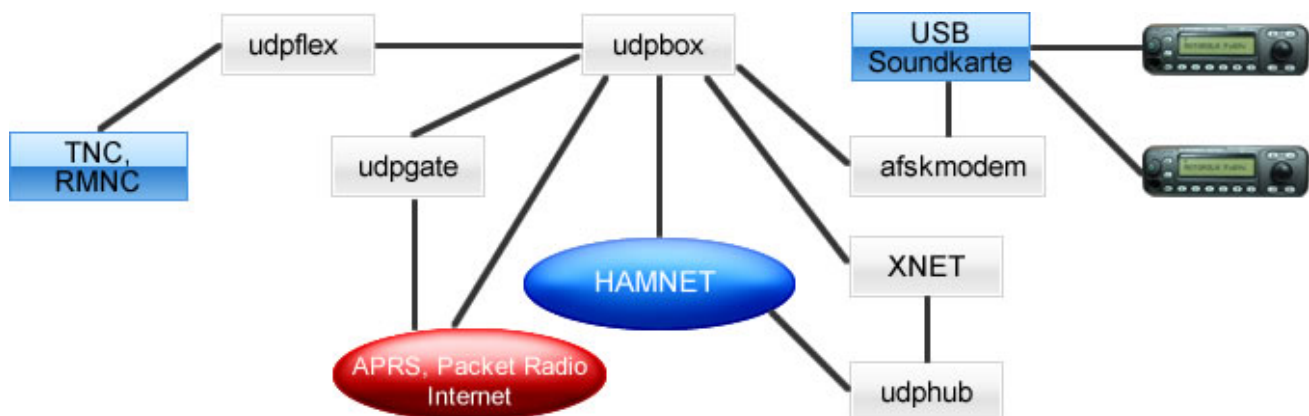
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Help

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    subgraph Left_Flow [Left Side]
        L1[==Software==] --> L2[A ready-to-use software image is located on the [http://www.oe2wao.info/tce OE2WAO Server] (e.g. tc455x-128.zip means version 4.55 with GUI on 128MB data drive)]
        L2 --> L3[ ]
        L3 --> L4[ ]
        L4 --> L5[ ]
        L5 --> L6[==Help==]
        L6 --> L7[ ]
        L7 --> L8[If you need help on configuring the software packages you can contact us on packet radio convers channel 44.]
    end

    subgraph Right_Flow [Right Side]
        R1[==Software==] --> R2[A ready-to-use software image is located on the [http://www.oe2wao.info/tce OE2WAO Server] (e.g. tc455x-128.zip means version 4.55 with GUI on 128MB data drive)]
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        R5 --> R6[ ]
        R6 --> R7[===Software schematic===]
        R7 --> R8[ [[Datei:Udpboxs.jpg]] ]
        R8 --> R9[ ]
        R9 --> R10[==Help==]
        R10 --> R11[ ]
        R11 --> R12[If you need help on configuring the software packages you can contact OE5DX L on packet radio convers channel 501.]
    end

    L1 -.-> R1
    L2 -.-> R2
    L3 -.-> R3
    L4 -.-> R4
    L5 -.-> R5
    L6 -.-> R7
    L7 -.-> R8
    L8 -.-> R12
  
```

The diagram illustrates two parallel communication flows between a user and a server. The left flow is for 'Software' and the right flow is for 'Software schematic'. Both flows include steps for downloading software images, contacting support, and configuring packages.

Left Side Flow:

- ==Software==
- A ready-to-use software image is located on the [http://www.oe2wao.info/tce OE2WAO Server] (e.g. tc455x-128.zip means version 4.55 with GUI on 128MB data drive)
-
-
-
-
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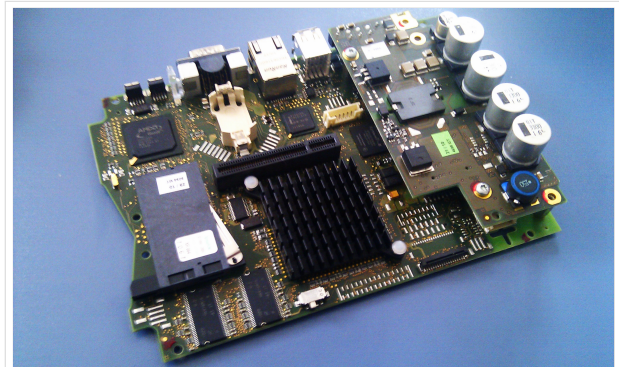
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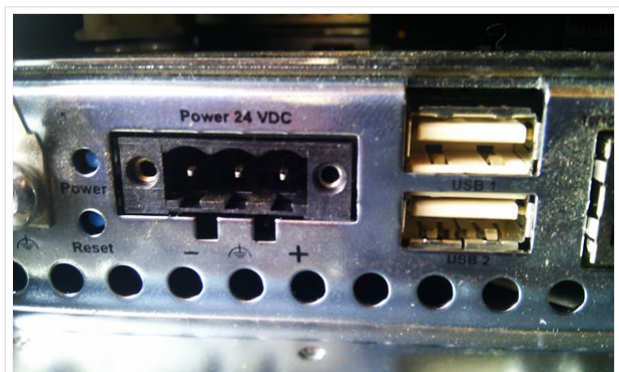
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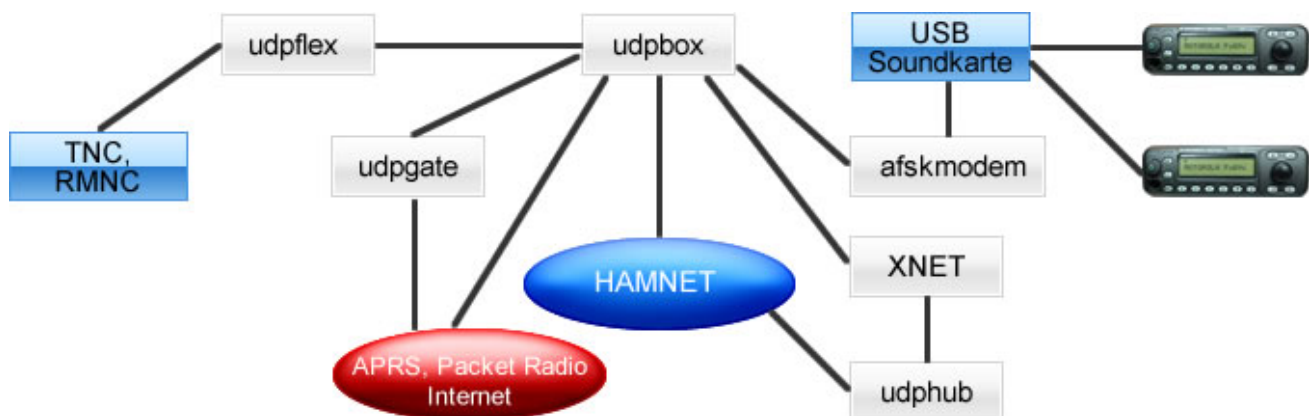
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Für die deutsche Version dieses Projekts >>[hier klicken](#)<<

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4	Help	19

Intro

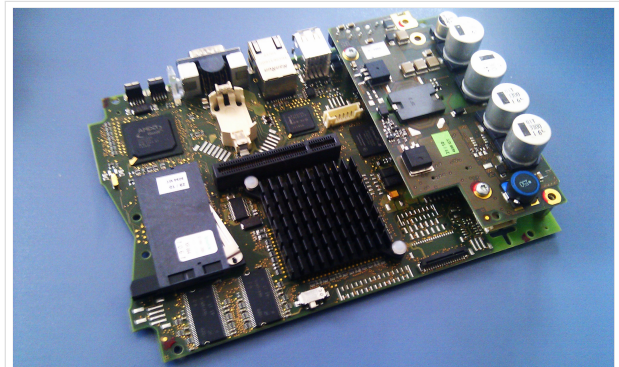
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More information on the hamradio TCE - tinycore linux project coming here soon



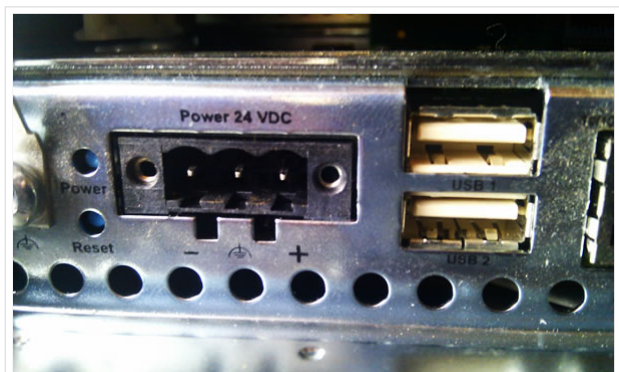
500MHz LowPower industrial PC

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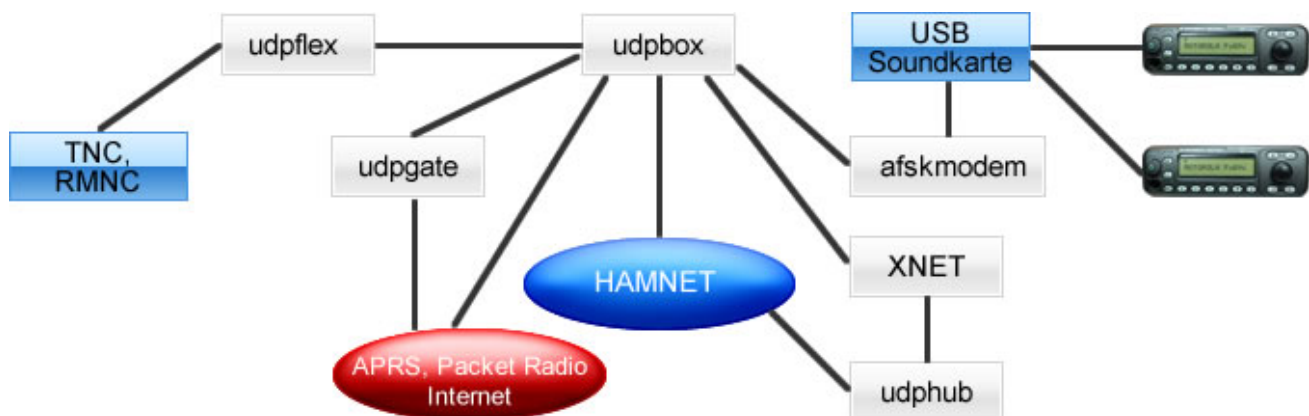
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[[Datei:Deutschland-flagge.gif]] Für die deutsche Version dieses Projekts [[TCE Tinycore Linux Projekt | >>hier klicken<<]]

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		+		
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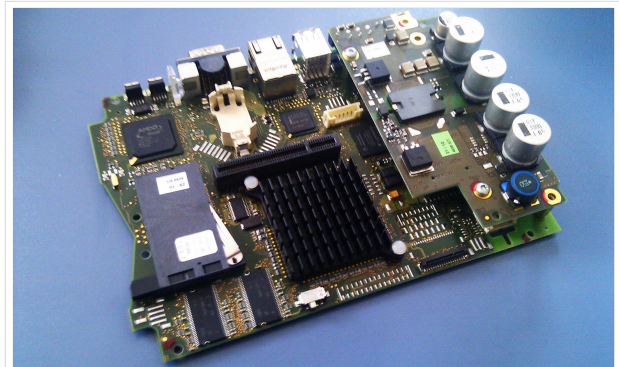
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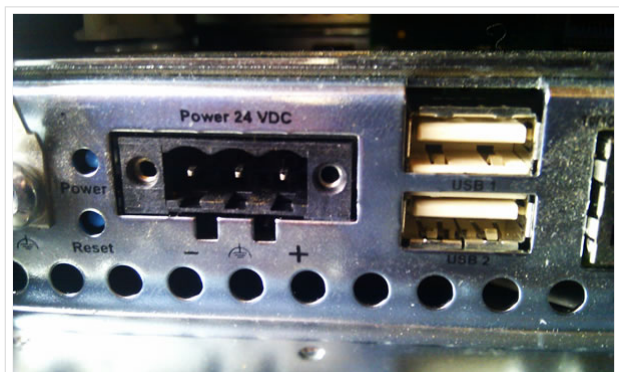
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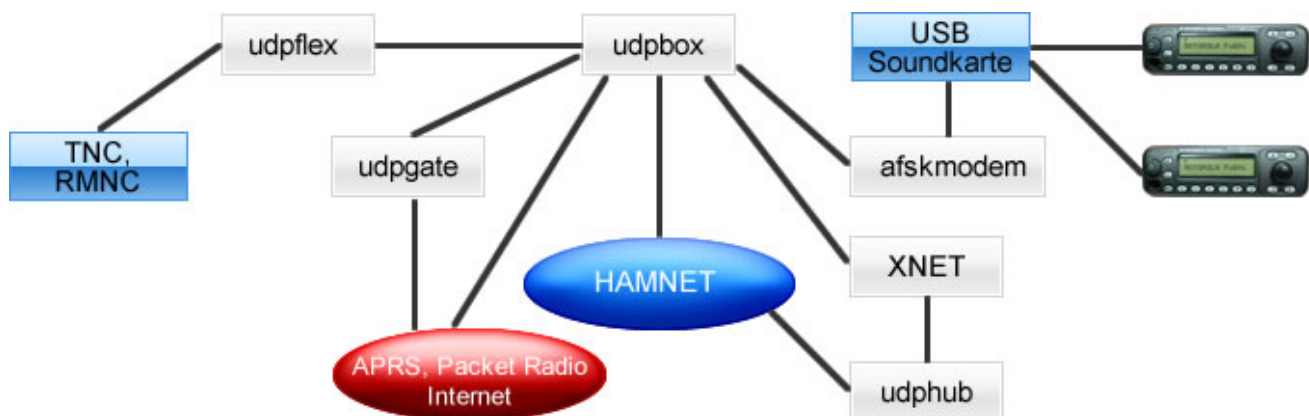
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===Connections and conversion of **our** used industrial **PC**===

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```

graph LR
    subgraph Left_Flow [OE2WAO]
        direction TB
        L1[==Software==] --> L2["A ready-to-use software image is located on the [http://www.oe2wao.info/tce OE2WAO Server] (e.g. tc455x-128.zip means version 4.55 with GUI on 128MB data drive)"]
        L3[==Help==] --> L4["If you need help on configuring the software packages you can contact us on packet radio convers channel 44."]
    end

    subgraph Right_Flow [DL1NUX]
        direction TB
        R1[==Software==] --> R2["A ready-to-use software image is located on the [http://www.oe2wao.info/tce OE2WAO Server] (e.g. tc455x-128.zip means version 4.55 with GUI on 128MB data drive)"]
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        R4 --> R5["===Software schematic==="]
        R5 --> R6["[[Datei:Udpboxs.jpg]]"]
        R6 --> R7[==Help==]
        R7 --> R8["If you need help on configuring the software packages you can contact OE5DX L on packet radio convers channel 501."]
    end
  
```

The diagram illustrates two parallel communication flows. The left flow, associated with OE2WAO, starts with a box labeled '==Software=='. An arrow points down to a box containing the text: 'A ready-to-use software image is located on the [http://www.oe2wao.info/tce OE2WAO Server] (e.g. tc455x-128.zip means version 4.55 with GUI on 128MB data drive)'. Below this is an empty box, followed by another empty box. The flow then continues to a box labeled '==Help==', which points down to a box containing the text: 'If you need help on configuring the software packages you can contact us on packet radio convers channel 44.'. The right flow, associated with DL1NUX, starts with a box labeled '==Software=='. An arrow points down to a box containing the text: 'A ready-to-use software image is located on the [http://www.oe2wao.info/tce OE2WAO Server] (e.g. tc455x-128.zip means version 4.55 with GUI on 128MB data drive)'. Below this is a box containing the text: 'There is also a version for raspberry pi hardware in test, and available soon.'. This is followed by a box containing the text: 'DL1NUX has created a wiki on installation and operating the dxlToolchain http://dxlwiki.dl1nux.de/ (german)'. The flow then continues to a box labeled '===Software schematic===', followed by a box containing the text: '[[Datei:Udpboxs.jpg]]'. This is followed by a box labeled '==Help==', which points down to a box containing the text: 'If you need help on configuring the software packages you can contact OE5DX L on packet radio convers channel 501.'. Arrows indicate the direction of communication, with minus signs for outgoing and plus signs for incoming.

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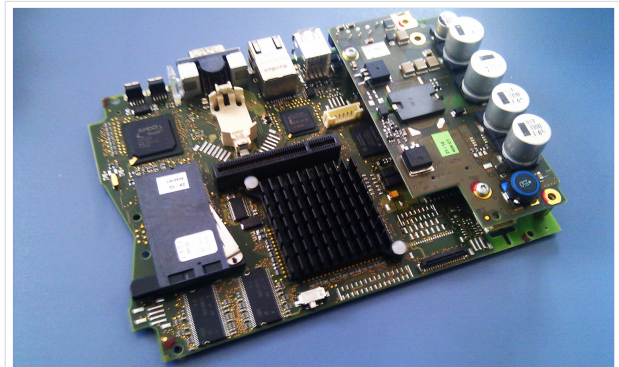
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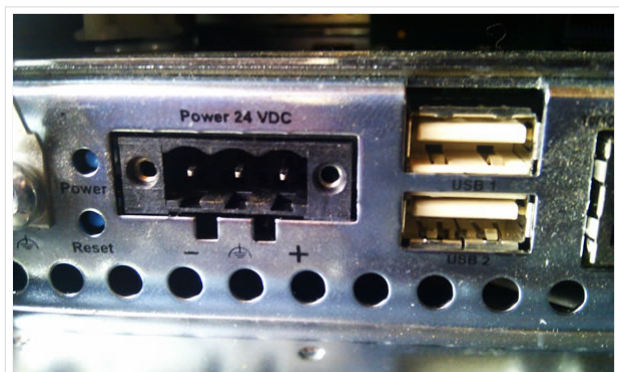
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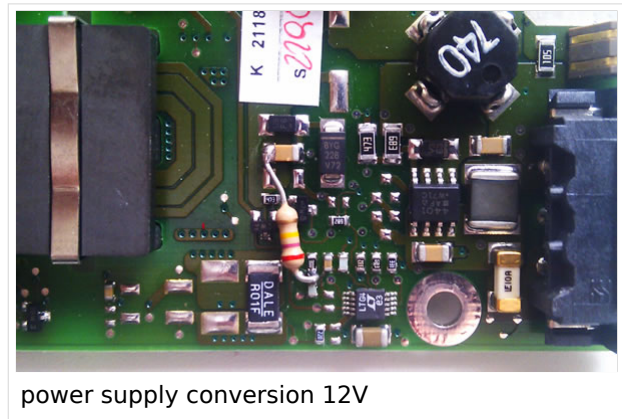
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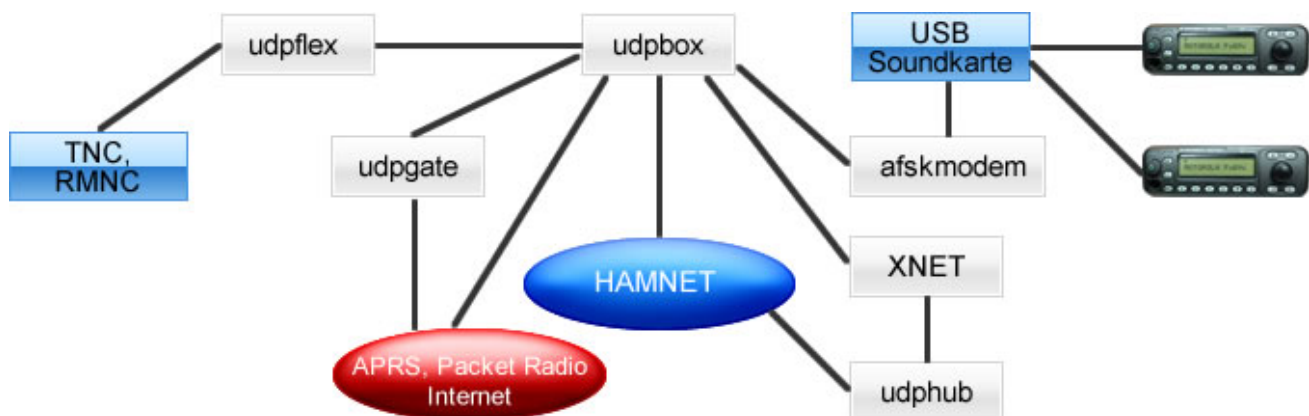
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