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TCE Tinycore Linux Project englisch

Versionsgeschichte interaktiv durchsuchen

VisuellWikitext

Version vom 11. Juli 2012, 11:12 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

(16 dazwischenliegende Versionen desselben Benutzers werden nicht angezeigt)

Zeile 1:

==Einleitung==

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

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***lightning log,**

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***SVX-Link (Echolink)**

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[[Datei:Deutschland-flaqqe.qif]] Für die deutsche Version dieses Projekts [[TCE Tinycore_Linux_Projekt | >>hier klicken<<]]

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

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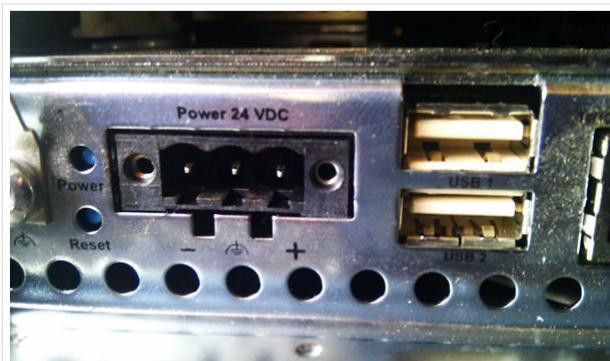
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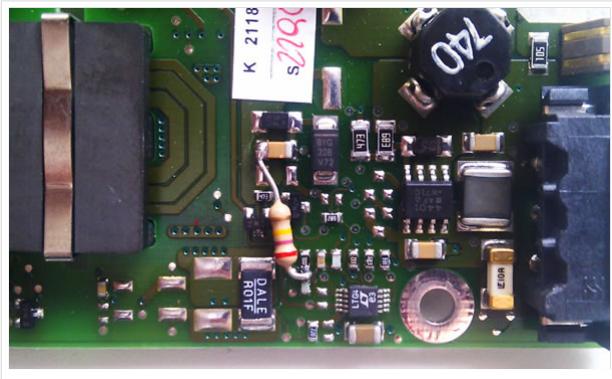


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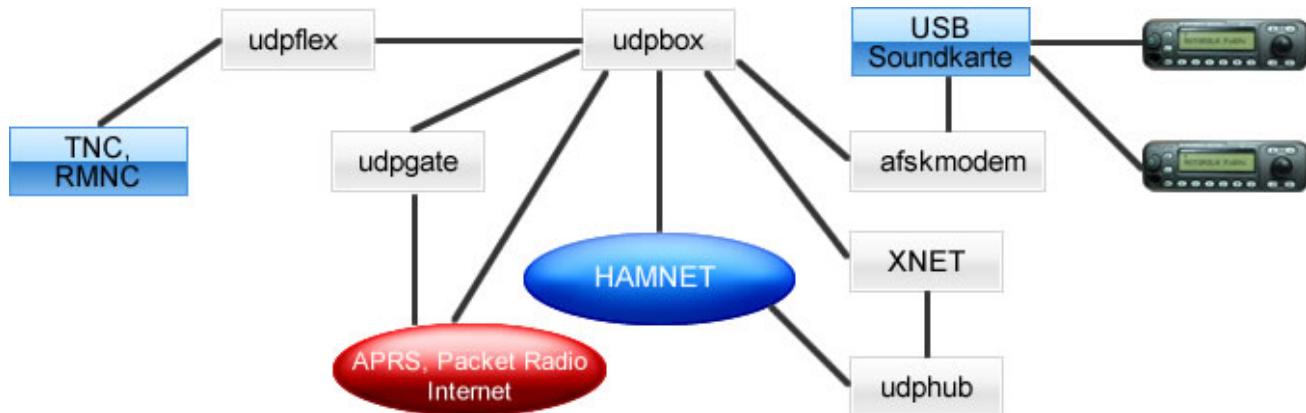
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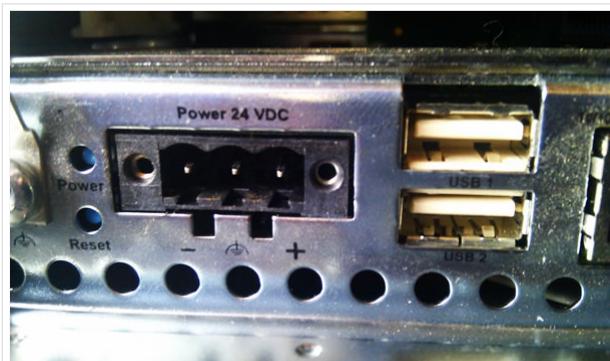
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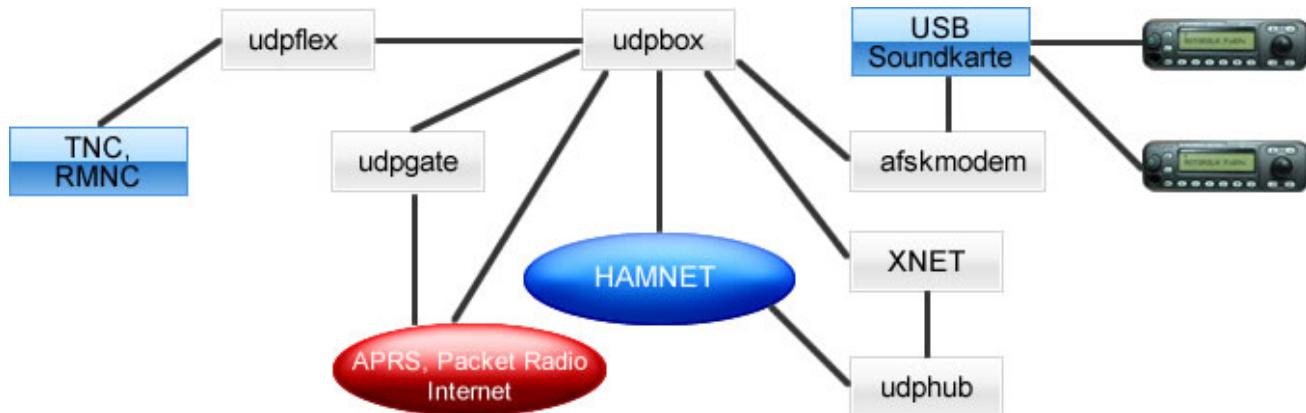
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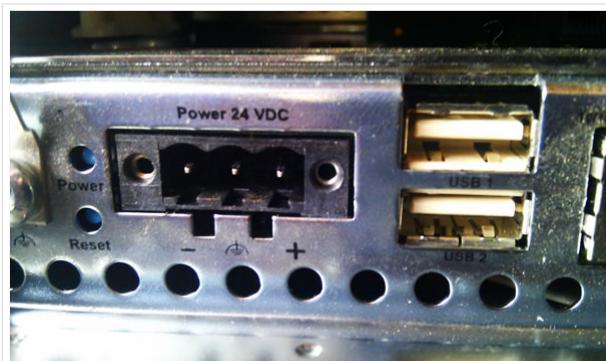
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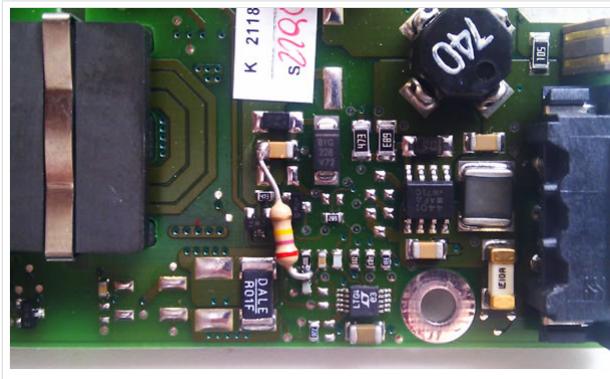


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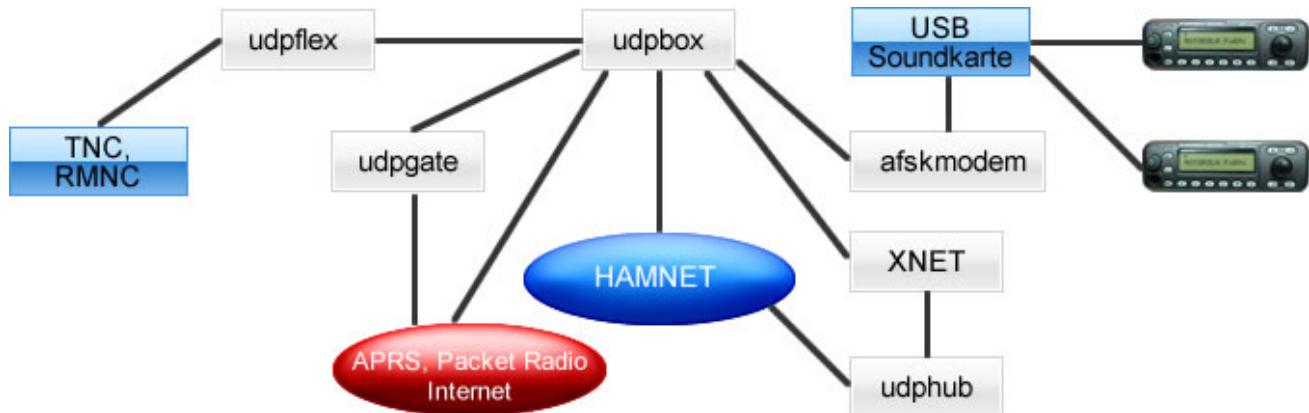
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Zeile 1:

[[Datei:Deutschland-flaque.gif]] Für die deutsche Version dieses Projekts [[TCE Tinycore_Linux_Projekt | >>hier klicken<<]]

+ ==**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 platforms like industrial pc, ALIX and others, and offers

+

* **Packet Radio - (multichannel /multibaud e.g. 1k2 2k4 4k8 9k6..)**

+

* **APRS - UDPGATE (IGATE, also multibaud, e.g. 1k2 and 9k6)**

+

* **LoRa APRS (NEW!) incl. Mic-E**

+

* **SAMNET**

+

* lightning **detection**

+

* **Radiosondes RX (weather balloon tracker)**

+

* small **web servers**

+

* **Weather station with different sensors**

- + *SVX Link (Echolink)
- + ***WINLINK Global Radio Email (RMS Packet)**

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especialy in networks like HAMNET and similar.

One goal is a minimum on material expenditure and also a minimal current consumption, followed by a maximum of features

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Zeile 12:

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

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- + ==Hardware==

- + **[[Bild:12v-anschluss.jpg|thumb|polarity industrial PC]]**

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**But every other hardware plattform like ALIX, Raspberry Pi or similar will do.
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**The operating system is placed on a CF/SD memory card (>32MB).
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If available the internal, or in other cases an USB soundcard is used for operating AFSK/FSK modulation. One special character of working devices is a 3rd connector beside microphone

- + **and line out, the line in. Because these device are real stereo and make it possible to operate two separate channels even on one sound card.**
- +
- + **==Connections and conversion of our used industrial PC==**
- + **[[Bild:12v-umbau.ipa|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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+

====Software schematic=====

- + **[[Datei:Udpboxs.jpg]]**

==Help==

==Help==

- If you need help on configuring the software packages you can contact **us** on packet radio convers channel **44**.

- + If you need help on configuring the software packages you can contact **OE5DX L** on packet radio convers channel **501**.

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



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

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2 Hardware	24
2.1 Connections and conversion of our used industrial PC	24
2.2 Soundcard	25
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3.1 Software schematic	25
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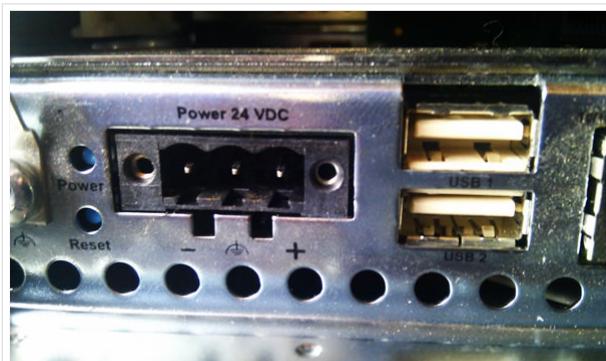
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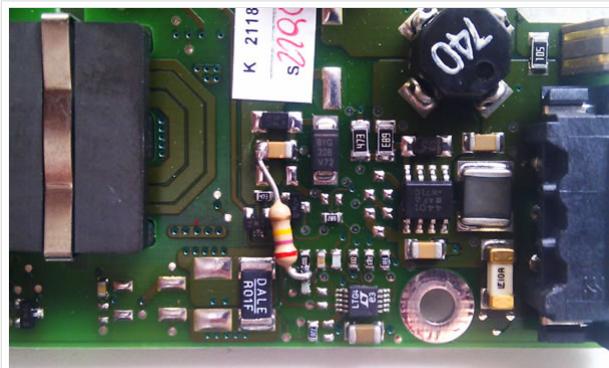


polarity industrial PC

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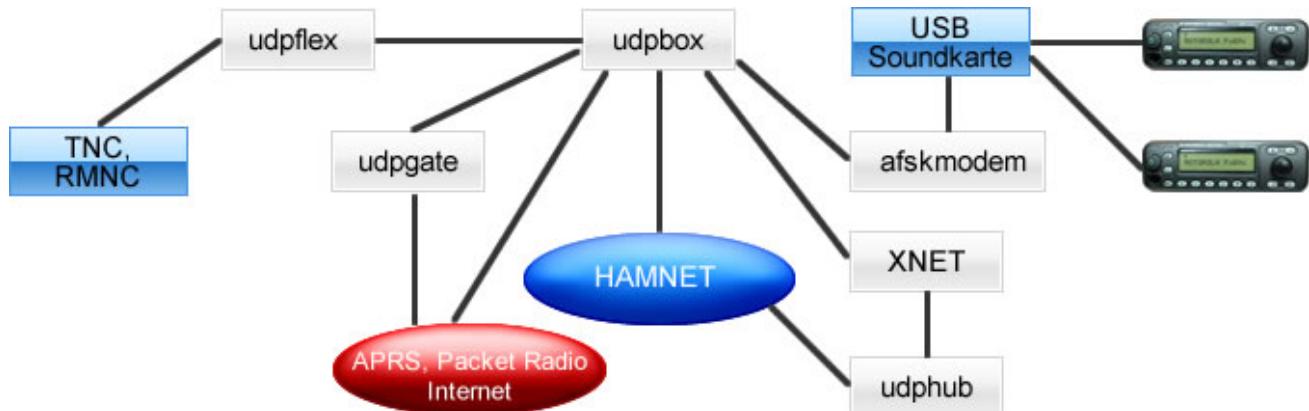
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TCE Tinycore Linux Project englisch: Unterschied zwischen den Versionen

Versionsgeschichte interaktiv durchsuchen

VisuellWikitext

Version vom 11. Juli 2012, 11:12 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

(16 dazwischenliegende Versionen desselben Benutzers werden nicht angezeigt)

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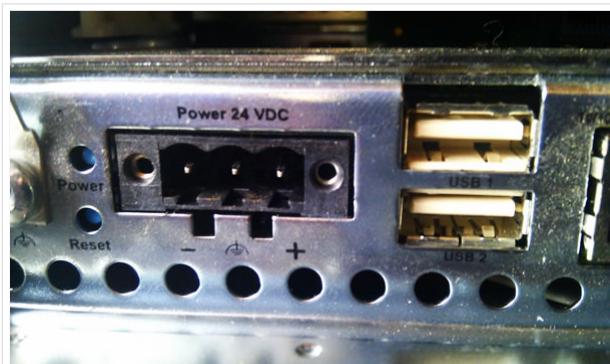
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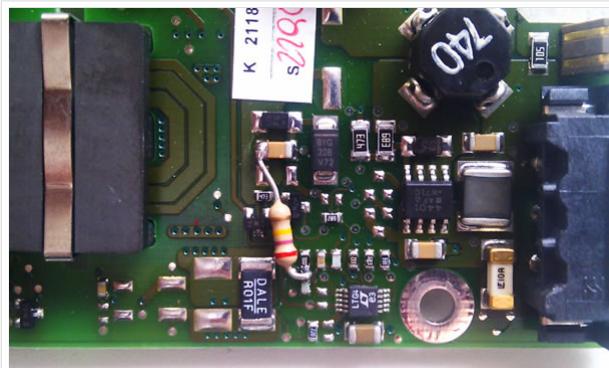


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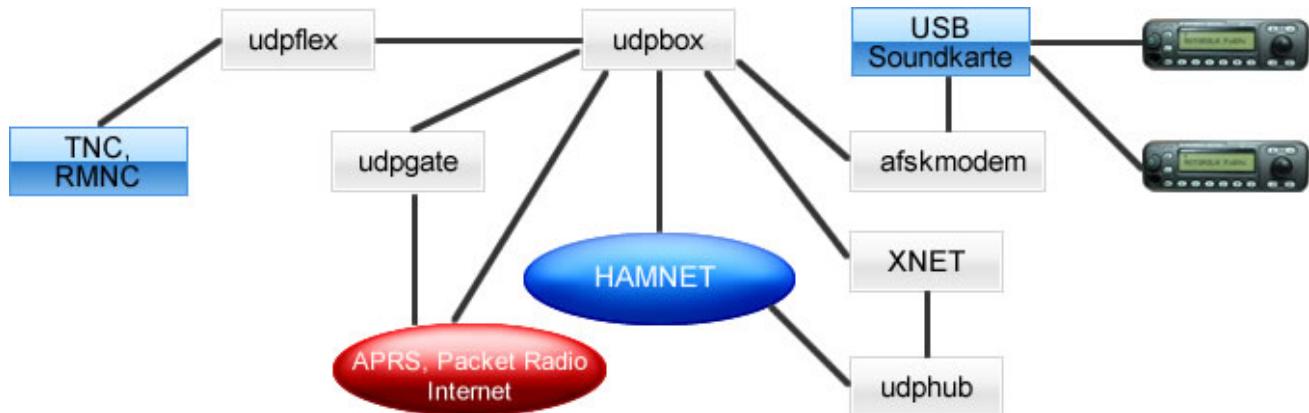
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