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TCE Tinycore Linux Project englisch

Versionsgeschichte interaktiv durchsuchen
VisuellWikitext

Version vom 30. April 2013, 10:28 Uhr (Quelltext anzeigen)
OE2WAO (Diskussion | Beiträge)
(→soundcard)
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K (→Hardware)
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Zeile 16:

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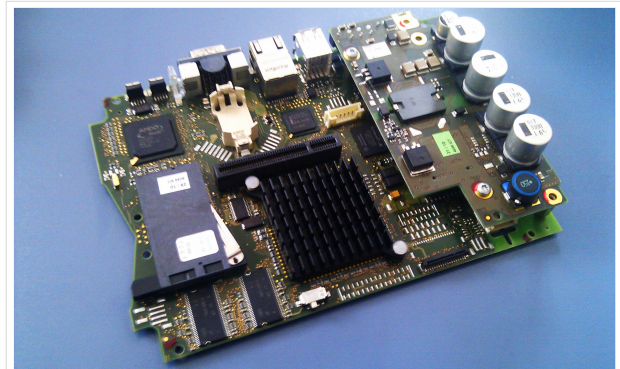
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Intro

This hamradio software project is based on [TCE - Tinycore Linux](#), an embedded software system used on platforms like industrial pc, ALIX and others, and offers services and possibilities like

- packet radio,
- APRS,
- lightning log,
- small webserver,
- SVX-Link (Echolink)



500MHz LowPower industrial PC

especially 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

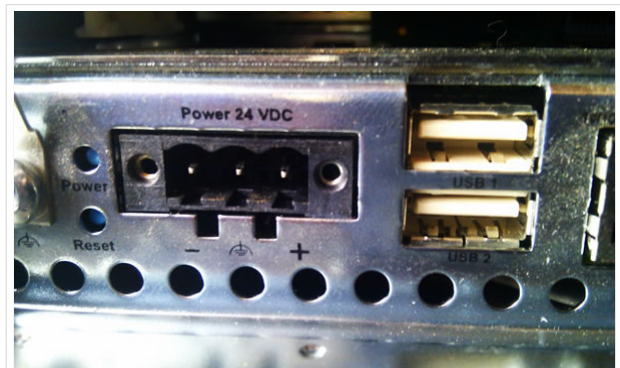
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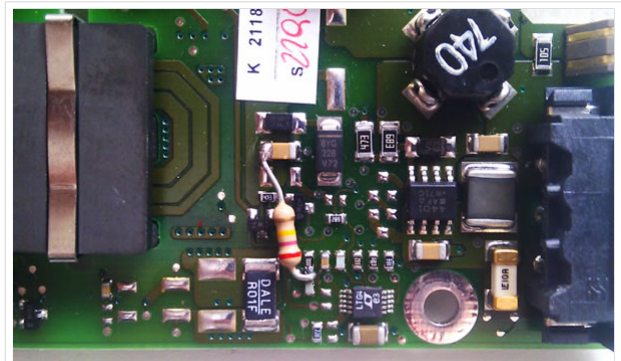
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Connections and conversion of the used industrial pc

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.

The normal board supply is 24V.

That we can use it with our 12V power supply, we have to do a little modification. Just add a 270k Ohm resistor on the bottom side of the power supply as shown in the picture.



power supply conversion 12V

Soundcard

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

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A ready-to-use software image is located on the [OE2WAO Server](#) (e.g. tc455x-128.zip means version 4.55 with GUI on 128MB data drive)

Help

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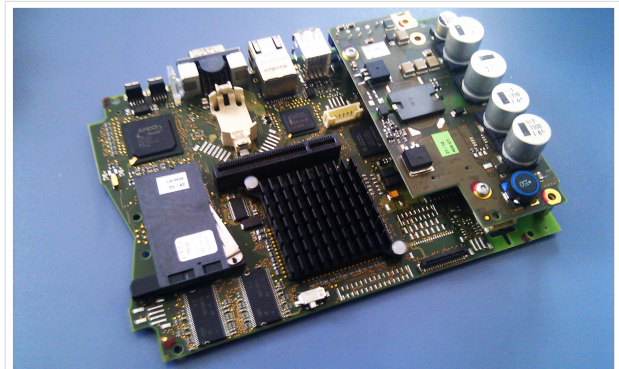
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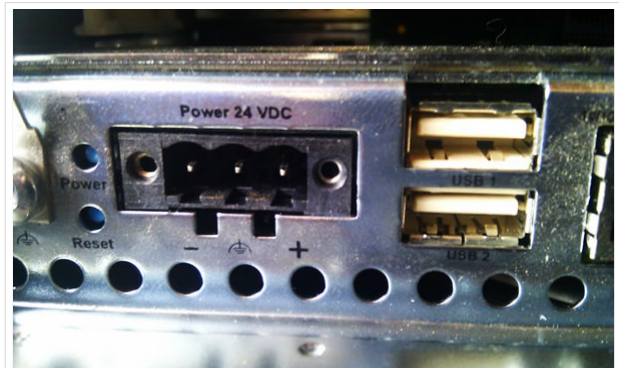
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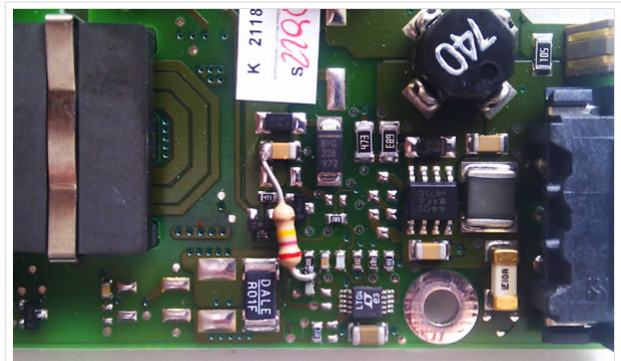
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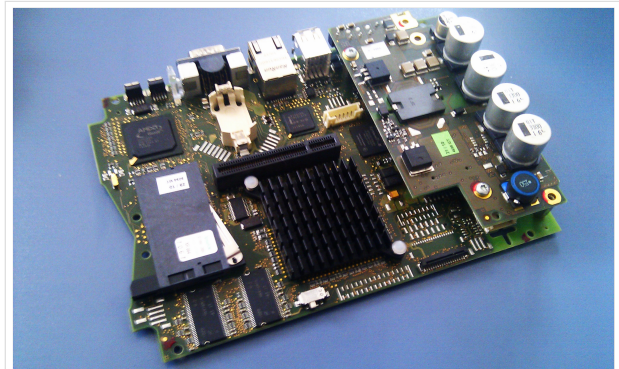
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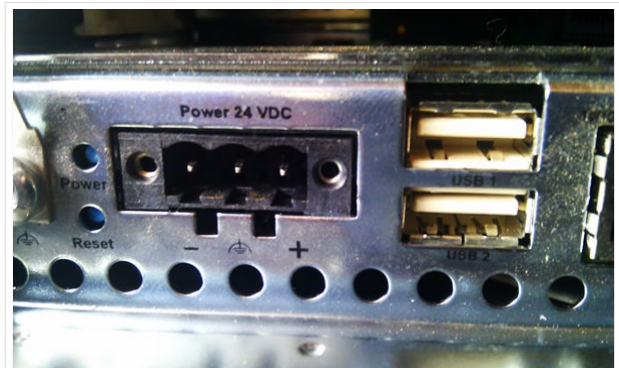
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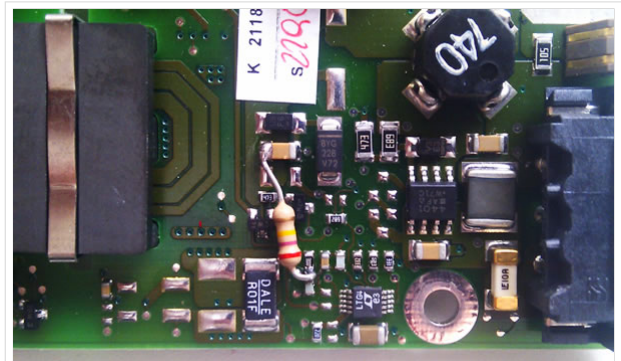
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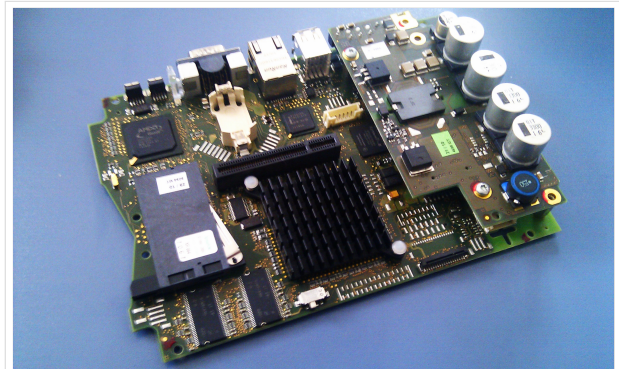
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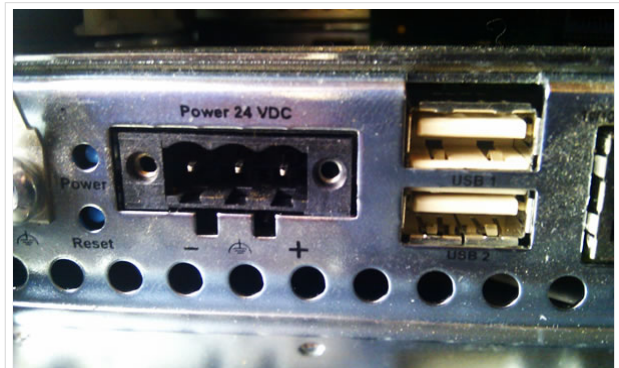
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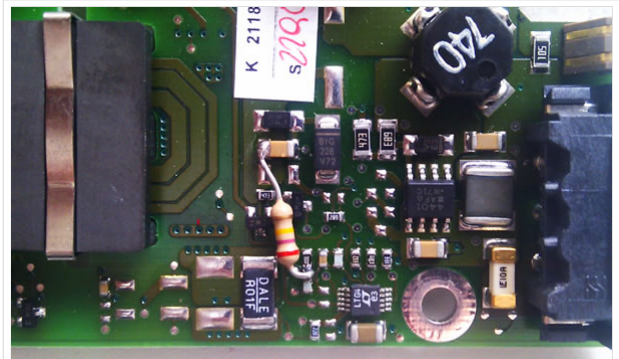
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