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TCE Tinycore Linux Project englisch

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Intro

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- packet radio,
- APRS,
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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



500MHz LowPower industrial PC

Hardware

DH2IW Wolfgang, OE2WAO Mike and OE5DXL Chris are doing first experiments with discarded industrial pc hardware, a 500MHz AMD Geode CPU with up to 256MB of RAM, and a minimal power input of <5Watt (for remaining stock ask [OE2WAO](#)).

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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)

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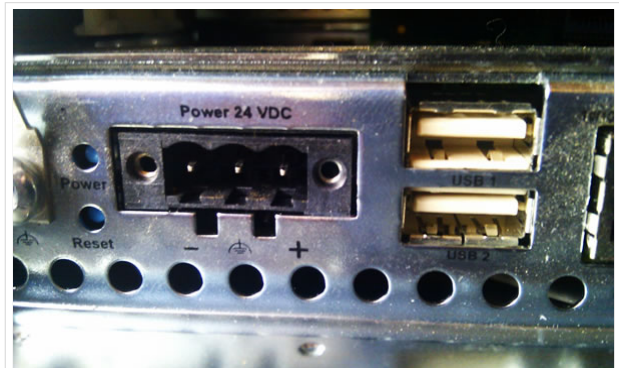
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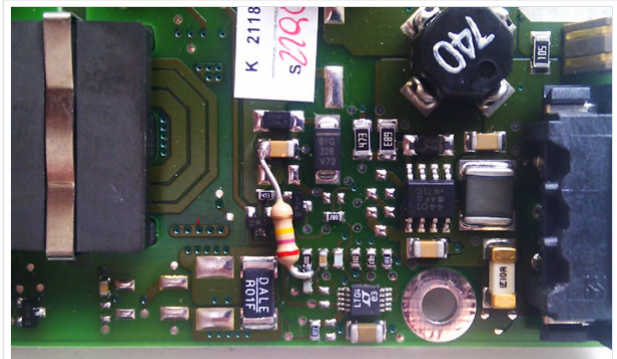
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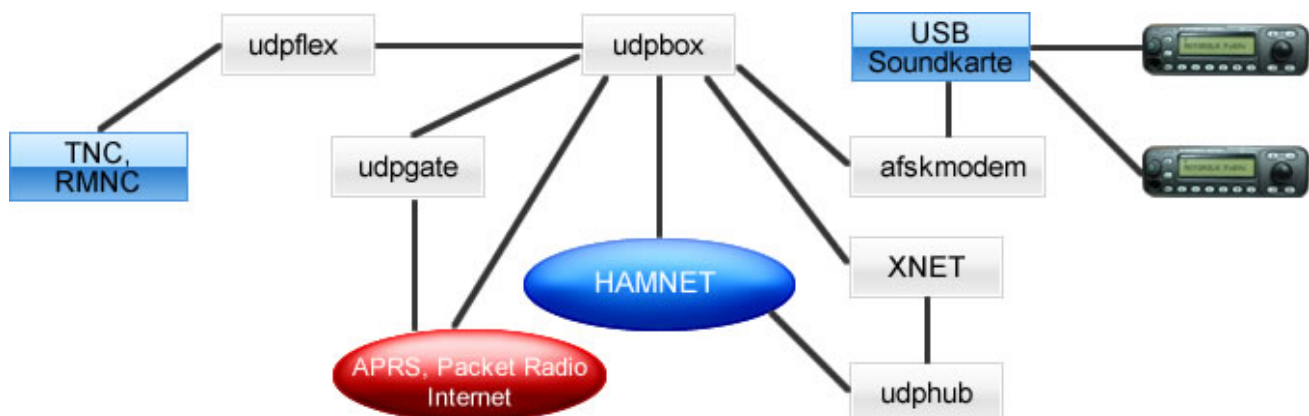
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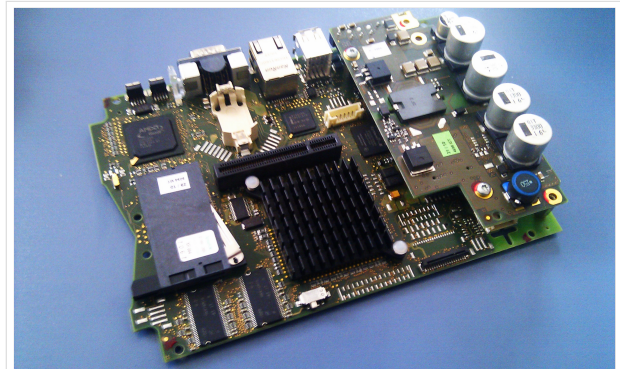
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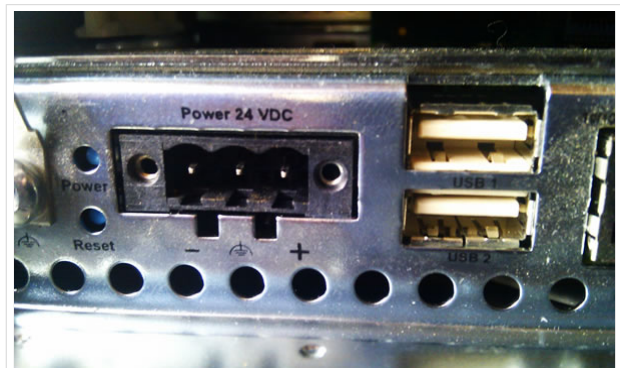
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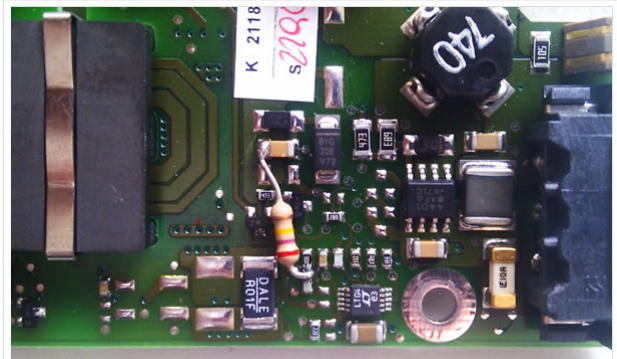
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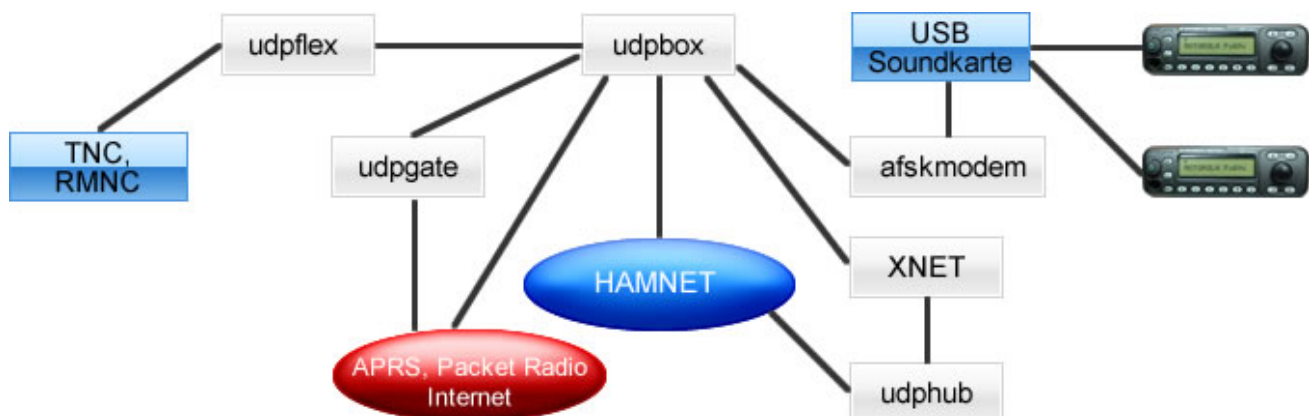
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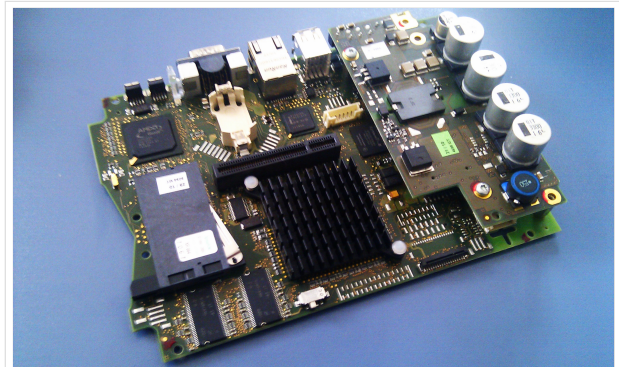
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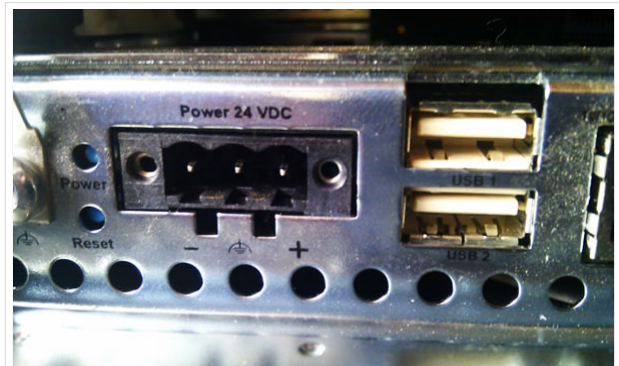
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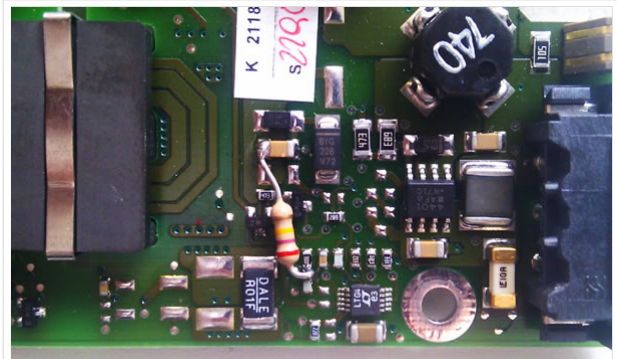
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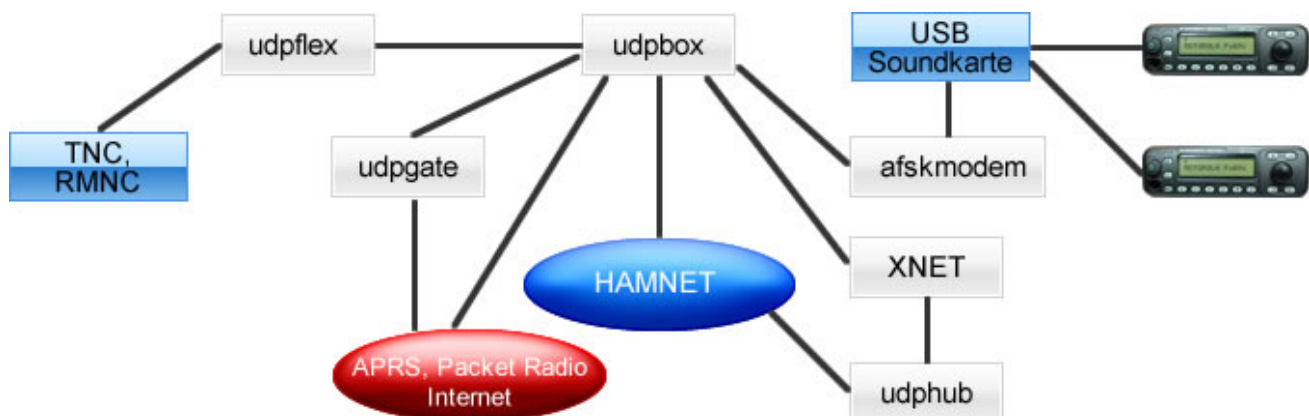
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