

- [ROOT data analysis framework \(open source\)](#)

Industrie

- [Industrietaugliche I/O-Karten für Microcontroller](#)
- [Industrial Arduino Modules](#)
- [Controllino](#) PLC (SPS) based on Arduino. Developed in Tirol.

For Programming they recommend:

- [Arduino IDE](#)
- [Visuino](#)
- [Embrio](#)
- [logi.CAD 3](#)
- [LabVIEW](#)
- [LADDER Tool](#)

Prototyping

- [Tinkerforge Baukastensystem](#), nicht günstig, aber einfach
- [Pixy - Open Hardware Camera with Object detection](#), 50 fps (!!!)
- [Nextion LCDs](#), UART-Interface, WYSIWYG
- [Tinkerforge Baukastensystem](#), nicht günstig, aber einfach
- [LCD with GPU from Vizic Technologies](#)
- [ILI9341 SPI color LCD](#) (about 6€ on eBay)
- [SMT Proto Board from Olimex](#)

HF-Technik

- [A software defined radio, OSHW](#), 328 USD, with free video-lessons
- [10.525 GHz Doppler Radar Modul](#), 6€
siehe auch mein [Video-Rewiew](#)

Gadgets

- [Handy-Ladekabel mit Backupfunktion](#)

Equipment

- [Rigol DP832 tripple power supply](#), recommended by Dave Jones, starting from 349€
- [Olimex Stencil Printer](#), SMD Maske

Embedded

- [xMOS - Multicore microcontrollers for realtime applications](#)

- [Silego](#) Silicon LEGO, programmable mixed signal chips. sounds very nice, but until now, I have no idea, where I would like to use it. Development Software is written in Qt, and leaves a very professional impression. It is available for all three major operating systems.

Lötkolben

- [Temperature controlled soldering iron, 5 Tips, 220VAC for 12€](#)
Unfortunately it is not temperature-controlled. With the dial only the power is set.
- [BAKON 950D, professional soldering station, 75W, very fast, for 35€, 5 tips \(T12\) for 13€](#)
- [60W Soldering Iron, truly temperature controlled, 9€](#)
Lötspitze: d_A: 7.5, d_I: 6.2, Schaftlänge: 37.5, L_I = 35.2, L = 56.5 (Bleistiftspitze),
d_Spitzenschaft: 5.5

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