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Raspberry Pi ElektorThe Raspberry Pi (RPI) is a credit-card sized computer that plugs into your TV and a keyboard. It is a capable little computer which can be used in electronics projects, and for many of the things that your desktop PC does, like spreadsheets, word-processing and games.Raspberry Pi - ElektorRaspberry Pi 4 B offers ground-breaking increases in processor speed, multimedia performance, memory, and connectivity compared to the prior-generation Raspberry Pi 3 B+, while retaining backwards compatibility and similar power consumption. For the end uRaspberry Pi 4 B (4 GB RAM) + FREE RPi E-book - ElektorNEW: Raspberry Pi 4; Shop By. Shopping Options Manufacturer. ... Read Elektor Magazine. Become a member today and benefit of these advantages: 6x Elektor Magazine (Print & Digital) Access to the Elektor 1980 - present day archive 10% Discount in the Elektor StoreNEW: Raspberry Pi 4 - Raspberry Pi - Platforms - ElektorCompared to the Raspberry Pi 1 the RPi 2 Model B has: A

900 MHz quad-core ARM Cortex-A7 CPU 1 GB RAM Like the (Pi 1) Model B+, it also has: 4 USB ports 40 GPIO pins Full HDMI port Ethernet port Combined 3.5 mm audio jack and composite videoRaspberry Pi 2 B - ElektorRaspberry Pi rhymes with Hi-Fi. Taking full advantage of the Raspberry Pi's open architecture, you can customise and program the NanoSound HiFi DAC. With the Volumio software or any other player software and the Infrared Remote Control, NanoSound gives you the best audio performance and experience you can expect from such an audio player.Raspberry Pi Select page | Elektor MagazineTalking Pi - Voice Control for Raspberry Pi. The Talking Pi is equipped with a bracket for 433 MHz SRD radio modules. Furthermore, it is possible to address devices and circuits via the GPIO interface of the Raspberry Pi. Another highlight is the 6-channel servo PWM control with microsecond accuracy. This allows you to control robots or robot arms, for example.Talking Pi - Voice Control for Raspberry Pi - ElektorSmall single-board computers like the Raspberry Pi are ideal for use as small stand-alone network audio players. With Volumio and other specialized Linux distributions, putting together an audio player is remarkably easy. And as

ElektorLabs worker Ton Giesberts shows in this article, you can also use this approach to build a high-end audio player.Items tagged with: Raspberry Pi | Elektor MagazineThis PiCAN 2 board provide CAN-Bus capability for the Raspberry Pi. It uses the Microchip MCP2515 CAN controller with MCP2551 CAN transceiver. Connection are made via DB9 or 3 way screw terminal. Easy to install SocketCAN driver. Programming can be done in C or Python.PiCAN 2 - CAN-Bus Board for Raspberry Pi - ElektorOne of them is 5VSB which is a 5V present when the power supply is under mains voltage. This 5VSB is used to power the microcontroller. The role of the microcontroller is : - to switch on and off the power supply when a push button is pressed. - to switch off the power supply when the Raspberry Pi goes to power down mode (using a GPIO).ATX powersupply for RPI - Elektor LABS | Elektor MagazineElektor software developer and lab worker Mathias Claußen was tasked to develop a control for the FM radio on the Raspberry Pi [1] using a touch screen. The platform-independent (GUI) framework Qt has almost become the go-to industry standard to build such interfaces, so the choice was clear.Qt for the Raspberry Pi | Elektor MagazineThis Raspberry Pi

3 B+ has 15% better performance than its predecessor, the Raspberry Pi 3 B. Despite the upgrade, the RPi 3 B+ is still compatible with the RPi 3 B, 2 and B+. Dual band Wireless connectivity 802.11ac (2.4 GHz / 5.0 GHz) Increased conn

Raspberry Pi 3 B+ - Elektor OBD2 for Raspberry Pi with Pi-OBD add-on board or DXM OBD2 module and OBD2 software taken from my other labs project Firmware Update for OBD2-Analyser NG. 43060 views | 2 comments Published in Elektor magazine Elektor - Learn, Design & Share electronics | Elektor Magazine Elektor is a community of active electronic engineers eager to learn, make, design and share surprising electronics with it's own lab, store and magazine. Elektor - Learn, Design & Share electronics The software was written on a Raspberry Pi 3 model B V1.2 but should work also on other RPis with a 40-pin extension connector. Connect the ruler before powering on the RPi. Installation of the software on the RPi Download and install wiringPi Download and unpack the VL53L0X driver STSW-IMG005 from ST, get it from the Get Software section. Raspberry Pi Ruler Gadget (180483) - Elektor LABS ... Der Raspberry Pi-Computer hat in kürzester Zeit die Herzen von Elektronikfans in der ganzen Welt erobert. Doch wo liegen die Möglichkeiten, Stärken und Grenzen des 40-Euro-Rechners? Wie kann ... Raspberry Pi - Einführung und Grundlagen (German) A wobulator (or sweep generator) is a piece of test equipment which is used in conjunction with an Oscilloscope to measure the frequency response characteristics of a circuit. It uses a "ramp" or "sawtooth" function generator connected to a Voltage Controlled Oscillator (VCO) to produce an output sweep over a defined range of frequencies. Raspberry Pi Wobulator / 130484-I - Elektor LABS ... Raspberry Pi goes LEGO! [159010] This board combines the force of the Raspberry Pi with the mechanical force of powerful LEGO Mindstorms motors. Four LEGO EV3 servo motors can be connected, with PWM speed control for two of them and direction control for all four. LEGO EV3 motors have built-in optical encoders that generate pulses when a motor rotates. A wobulator (or sweep generator) is a piece of test equipment which is used in conjunction with an Oscilloscope to measure the frequency response characteristics of a circuit. It uses a "ramp" or "sawtooth" function generator connected to a Voltage Controlled Oscillator (VCO) to produce an output sweep over a defined range of frequencies.

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Der Raspberry Pi-Computer hat in kürzester Zeit die Herzen von Elektronikfans in der ganzen Welt erobert. Doch wo liegen die Möglichkeiten, Stärken und Grenzen des 40-Euro-Rechners? Wie kann ...

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player software and the Infrared Remote Control, NanoSound gives you the best audio performance and experience you can expect from such an audio player.

Raspberry Pi - Einführung und Grundlagen (German)

The software was written on a Raspberry Pi 3 model B V1.2 but should work also on other RPis with a 40-pin extension connector. Connect the ruler before powering on the RPi. Installation of the software on the RPi Download and install wiringPi Download and unpack the VL53L0X driver STSW-IMG005 from ST, get it from the Get Software section.

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