

How To Use Dso138 Library

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How To Use Dso138 Library

How to Use DSO138 Library Applicable library version: 13803-031 or newer 1. DSO138 Capture Engine Model Fig. 1 shows the structure of the DSO138 capture engine. Input signals are first conditioned by the analogue circuits. They are then fed to analogue-to-digital converter (ADC) which samples and converts them to digital values (also

How to Use DSO138 Library - tomeko

Page 3 How to Use Probe Calibration Leave black clip Connect red clip to Because there is always some capacitance between scope input and un-connected test signal output Display and Controls ground probe needs to be calibrated to achieve better measurement results for high frequency signals. This can be done with the help of Trigger Level the ...

DIY DSO 138 USER MANUAL Pdf Download | ManualsLib

DSO138 library functions are categorised into three major groups, Parameter Access Functions, Capture Control Functions, and Display Functions. The library also provides two data pointers and a function for accesses to the sample buffer. These functions and pointers are explained in documents which can be found here.

Build your own DS Oscilloscope - GREENGRAPH

First, set the couple switch [CPL] to GND position. Then press on [SEL] button to make VPOS indicator highlighted and hold down [OK] button for about 2 seconds. You will set the trace aligned to VPOS indicator when you release [OK] button. You may see some residue mismatch remains at the highest sensitivity settings.

DSO 138 Oscilloscope DIY Kit User Manual

DSO138 Library How to Use the DSO138 Library Schematic of the LCD board How to Upgrade firmware for DSO138. Firmwares: Main: 113-13801-061 [2016.10.10] Related links: Source Code: Basic version (See revision history)

DSO 138 Oscilloscope DIY Kit | JYE Tech

This is a video series of how I built my digital oscilloscope. The oscilloscope is a DSO138 from JYE Tech. The kit was bought from Banggood. In part 3 we make a simple modification to decrease the ...

DSO138 Digital Oscilloscope - Part 3 - Modding To Reduce Signal Noise

DSO138 Library; How to Use the DSO138 Library. Schematic of the LCD board. How to Upgrade firmware for DSO138. Additional information. Weight: N/A: Attributes-2: Kit, Kit + Power Plug + Case. 1 review for DSO 138 DIY Kit. 5 out of 5

DSO 138 DIY Kit - ElectroDragon

DSO138 Library. How to Use the DSO138 Library. Schematic of the LCD board. How to Upgrade firmware for DSO138. Features: Kits using ARM Cortex-M3 processor (STM32F103C8), and includes a 2.4-inch color TFT display can be used as ARM test development board.

Original JYETech DSO138 DIY Digital Oscilloscope ...

DSO138 was designed as a training oscilloscope kit. Simplicity in structure and easiness in assembly/operation are the main targets of its design. For these purposes, DSO138 applies mostly through-hole parts and the heart of DSO138 is a Cortex-M3 ARM processor (STM32F103C8) from ST. It also uses 2.4-inch TFT LCD (320 X 240 dotmatrix, 262K colors) as its display element that will display nice ...

DSO138 Digital Oscilloscope DIY kit - Elecrow

hi this is the new version of dso 138 mini diy kit from JYETECH it's a cheap digital oscilloscope and it's useful for beginners and hobbyists in this video i...

DSO138 mini a New cheap oscilloscope - YouTube

Test and use. You have now completed the soldering stage. Apply a 9V supply to either J9 of J10. You need to be aware of the polarity. I used J10 and using this the conventional centre pin is the positive. With a voltage or multimeter the voltage at TP22 should be around 3.3V. Mine was so it's looking good so far.

DSO 138 Oscilloscope - Hobby electronic soldering and ...

DSO138 oscilloscope. This is review of DSO138 oscilloscope clone and small project involving interfacing it with PC (device library for miniscope v4). DSO138 DIY kit for this project was sponsored and provided by DSO138 is an inexpensive low-speed miniature oscilloscope with 2.4" LCD display, based on STM32F103 MCU.

DSO138 oscilloscope

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For these purpose DSO138 uses mostly through-hole parts. The heart of DSO138 is a Cortex-M3 ARM processor (STM32F103C8) from ST. It uses 2.4-inch TFT LCD (320 X 240 dotmatrix, 262K colors) as its display element and displays nice and clear waveforms. Detailed assembly instructions are provided in combination with troubleshooting guide and schematc.

DSO138 DIY Oscilloscope Kit - 2.4-inch TFT LCD display ...

From Re: Li-ion power mod, you could use 3.7V Li-Ion Battery Level Indicator, £1.17. Or this, which is an improvement on this: 3V6 LiPo monitor using BC557, 3.0V Zener diode. Or a simpler method is to use a USB to 9V booster and a power bank with built-in battery monitor: USB Connector DC 5V to DC 9V 12V Step up Cable Module Converter 2.1x5 ...

DSO-150 Hacks - gr33n0nline

A nice demonstration of the effect of limited bandwidth, but a little unfair on the poor little DSO138. I built one at Christmas as a little stocking-filler present and yes it is a bit of a toy, but at least at a toy price (unlike all those pocket MP3 player based pocket DSOs!).

JYE Tech DSO 138 review and performance testing - Page 1

Connect your TTL-UART-to-USB converter to the DSO138 and bridge jumpers J1 and J2 on the back of the PCB just like in the above manual. Unlock the flash of the STM32: sudo stm32flash /dev/ttyUSB0 -k -b 115200 sudo stm32flash /dev/ttyUSB0 -u -b 115200

GitHub - ardyesp/DLO-138: An open source firmware for DSO ...

Product Documents and firmwares: Users Manua [for 13801K/02K] Users Manua [for 13803K/04K] Assembly Drawing SMD Part List Firmwares Source codes [basic version] DSO138 Library How to Use the DSO138 Library Schematic of the LCD board How to Upgrade firmware for DSO138 (Provided by Sean Rics from HNGamers.

DSO 138 Oscilloscope Training DIY Kit, Electronics on ...

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DSO138 Oscilloscope Model | 3D CAD Model Library | GrabCAD

DSO138 Library How to Use the DSO138 Library Schematic of the LCD board How to Upgrade firmware for DSO138. Špecifikácie: Vertical: Počet kanálov: 1 Analógové rozptáie: 0 - 200KHz Citlivosť: 10mV/Div - 5V/Div Error: < 5% Rozlíšenie: 12-bit Vstupná impedancia: 1M ohm Maximálne vstupné napätie: 50Vpk Spojenie: DC, AC, GND ...

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