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K8055, K8055N, VM110, VM110N Android Application

Android application for K8055, K8055N, VM110 & VM110NUSB...

Posted on 09-20-11

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THREE-IN-ONE LAB UNIT (Scope, Function generator and Power supply)



LAB2U

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LAB2 on the EDS show in Las Vegas: <http://ecnmag.com/Multimedia/Videos/2010/05/Velleman-Demo-EDS/>

Another 3-in-1 unit from Velleman!

Following the success of our LAB-1 unit, a LAB-2 unit is born.

This unique unit includes a digital oscilloscope, a digital function generator and a simple but easy-to-use power supply. The 3 units are electrically separated for ease of measurement.

Measuring and testing just became easier and more affordable than ever!

Specifications

- oscilloscope 40MS/s:
 - bandwidth: up to 10 MHz (-3dB*)
 - input range: 1mV to 20V/division in 14 steps
 - input coupling: DC, AC and GND
 - real-time sample rate up to 40MS/s
 - AD resolution: 8 bits
 - time base: 250ns to 1h per division
 - auto set-up function
 - probe x10 readout option
 - readouts: DC, AC+DC, True RMS, dBm, Vpp, Min-Max. (±2.5%)
 - audio power measurement from 2 to 32 ohms
 - max. 100Vp AC+DC (input 600Vp using x10 probe)
 - standard 1M ohms 60MHz x1 - x10 probe (incl.)
 - white LED backlight
- 1MHz function generator:
 - DDS type generator (Direct Digital Synthesis)
 - DAC resolution: 10 bits
 - frequency range: from 1Hz to 1.000.000Hz (± 0.01%)
 - frequency steps: 1Hz, 10Hz, 100Hz, 1kHz and 10kHz
 - waveforms: sine, square and triangle
 - sweep function with bi-direction option
 - output voltage: max. 15Vpp
 - real output level measurement: dBm / Vrms or Vpp readout (±3%)
 - typical sine wave distortion (THD): < 0.1% @ 0dB / 600 ohms
 - square wave rise/fall time: typ. 0.2µs
 - output impedance: 50 ohms
 - multi-language menu (Eng / Fre / Dut / Ge / Es)
 - white LED backlight
- power supply:
 - voltage output (fixed voltages): 3V, 5V, 6V, 9V, 12V (±5%)
 - peak output current: 1A
 - LED Output overload indicator
 - LED Output ON indicator
 - output ON/OFF switch
- in the box:
 - LAB-2 unit
 - oscilloscope probe
 - RCA adaptor
 - manual
 - AC cord
- *: -4dB at: 1mV, 2mV, 5mV, 0.1V and 2mV

Extras

- **LAB2 on the EDS show in Las Vegas**

<http://ecnmag.com/Multimedia/Videos/2010/05/Velleman-Demo-EDS/>

Packaging information



Type of packaging:

Box (Carton)



Bar code (UPC):

836479009172

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