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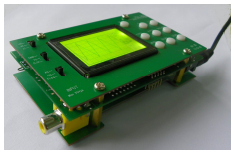
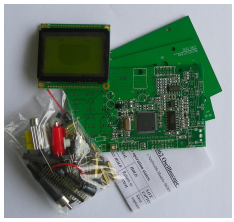
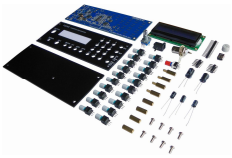
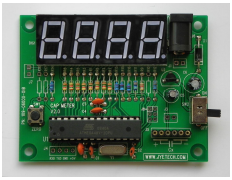
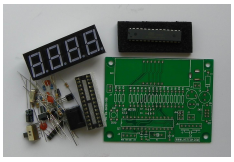
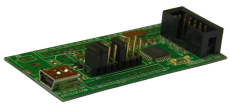
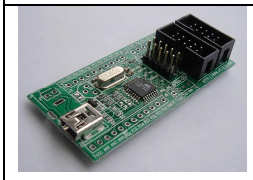
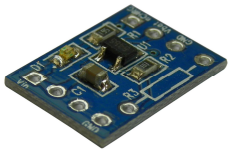
Oscilloscopes

	DSO138 Oscilloscope DIY Kit Ø 200KHz bandwidth with sensitivity up to 10mV/div. Ø ARM Cortex-M3 processor core with 2.4" color TFT LCD Ø Mostly through-hole parts for fun in assembly. Ø Detailed assembly guide provided.	**Sku: 13801K** (all SMD pre-soldered) **Sku: 13802K** (only U1 pre-soldered)
	DSO112 Pocket Oscilloscope with Touch Panel Ø 2MHz bandwidth with high sensitivity (5mV/Div) and accuracy Ø Easy operation thanks to touch panel Ø 2.4" Color TFT LCD display Ø Battery/USB powered Ø Ideal for educational and training use	**Sku: 11201 (w/ battery)** **Sku: 11202 (w/o battery)**
	DSO 068 Digital Oscilloscope DIY Kit Ø Easy assembly and freedom of modification Ø 3MHz bandwidth, 20Msps sampling rate, 10mV/div sensitivity, and 1024 pts buffer size Ø Also work as Frequency Meter, USB Scope, and Data Logger Ø Display and data uploading as files via USB Ø Battery/USB powered Ø Ideal for educational and training use 1 standard probe included	**Sku: 06804K (Battery not included)**
	DSO 094 Dual Channel LCD Digital Oscilloscope Ø 10MHz analog bandwidth, Ø Up to 10mV/Div vertical sensitivity Ø 50Msps real-time sampling rate Ø Y/X mode available Ø Battery/USB powered Ø 2 standard probes included	**Sku: 09401 (with battery)** **Sku: 09402 (without battery)**
	**DSO 062 LCD Digital Oscilloscope, Assembled** Ø 1MHz analog bandwidth, 0.1V/Div Ø 20Msps hardware equivalent-time sampling rate Ø 2Msps real-time sampling rate Ø FFT Ø Frequency meter Ø Clip probe and power adapter include	**Sku: 06203P**
	**DSO 062 LCD Digital Oscilloscope, DIY Kit (SMD pre-soldered)** Ø 1MHz analog bandwidth Ø 2Msps real-time sampling rate Ø 20Msps hardware equivalent-time sampling rate Ø FFT Ø Frequency meter Ø Power adapter not included	**Sku: 06204KP**

Function Generators		
	FG085 miniDDS Function Generator , Assembled Ø Frequency, amplitude, and offset are set by digits. Ø Waveforms including sine, square, triangle, ramp, staircase, and more Ø Servo test/control signal also available Ø Output cable and power adapter (NA or EU style) included	**Sku: 08503**
	**FG085 miniDDS Function Generator , DIY kit** Ø Frequency, amplitude, and offset are set by digits. Ø Waveforms including sine, square, triangle, ramp, staircase, and more Ø Servo test/control signal also available Ø Output cable and power adapter (NA or EU style) included	**Sku: 08503K**
Meters		
	**Capacitance Meter 060, Assembled** Ø Accuracy better than 2% Ø Measure 1pF - 500uF with auto-ranging Ø Zeroing available to eliminate stray capacitance Ø Serial data output	**Sku: 06002**
	**Capacitance Meter 060, DIY Kit** Ø Accuracy better than 2% Ø Measure 1pF - 500uF with auto-ranging Ø Zeroing available to eliminate stray capacitance Ø Serial data output Ø No calibration required	**Sku: 06001**
Micro-Controller Development Tools		
	**USBASP + USB-UART + AVR Dev Board [3-in-1]** Ø USBASP AVR programmer Ø USB-UART converter up to 1M bits/s Ø AVR ATMega88 experiment/development with USB connection (similar to Ardiuno) Ø Pre-installed bootloader. No programmer required Ø All I/O pins match standard 0.1 inch prototype board pitch. Ø Powered via USB or separately	**Sku: 08101**
	**AVR USB Programmer (USBASP)** Ø Program most AVR microcontrollers via USB (USBASP compatible) Ø AVR ATMega48 experiment/development board with all I/O pins in standard 0.1 inch pitch that matches prototype board Ø Powered via USB or separately	**Sku: 07302**
Breakout Boards		
	**3.7V Li-ion Battery Charger** Ø Built on LTC4054 or compatible Ø Programmable Charge Current Up to 800mA Ø Alternative through-hole footprint provided for easy of charge current programming Ø Standard 0.1 inch pin-out pitch Ø Only 0.63"X 0.43" in size	**Sku: 09501**

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