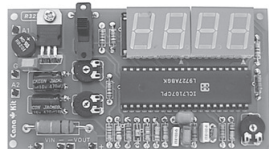
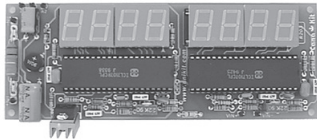


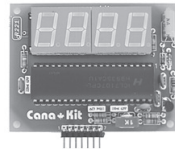
CK148/UK148



CK321/UK321



CK203/UK203



CK221/UK221

DIGITAL METERS

CK148/UK148 DIGITAL LED VOLTMETER

This digital voltmeter is ideal to use for measuring the output voltage of your DC power supply. It includes a 3-digit LED readout with a negative voltage indicator. It measures DC voltages from 0 to 99.9V with a resolution of 0.1V. Supply voltage: 9V DC/150mA. Recommended adapter: RP-9200-P.

CK321/UK321 DIGITAL VOLTMETER/AMMETER (0-100V/5A)

This digital panel meter measures and displays both voltage and current and is based on a unique design using a single 3-digit display. An on-board slide switch is used to switch between the two values (voltage and current). When displaying the current, the letter "A" is displayed after the value to visually indicate that the panel meter is in the ammeter mode. It measures DC voltages from 0 to 99.9V (resolution of 0.1V) and DC current from 0 to 5.00A (resolution of 10mA). Supply voltage: 12V AC C.T. @ 200 mA. Recommended transformer: 640-1203.

CK203/UK203 DUAL DISPLAY DIGITAL VOLTMETER/AMMETER WITH POWER SUPPLY

This dual digital panel meter measures and displays both voltage and current at the same time. It is ideal for measuring the voltage and current of your laboratory DC power supply. It includes two 4-digit 0.7" high LED readouts. It can measure DC voltages from 0 to 99.9V (resolution of 0.1V) and DC currents from 0 to 5.00A (resolution of 10mA). Supply voltage: 12V AC C.T. @ 300mA. Recommended transformer: 640-1203.

CK221/UK221 UNIVERSAL DIGITAL PANEL METER

This high-bright digital panel meter is a universal circuit that can be used as a voltmeter, ammeter, thermometer, or any other measuring device. The instruction manual has detailed instructions on how to setup the circuit to perform different kinds of measurements. The circuit features high precision and high input impedance. Supply voltage: 5VDC @ 150mA (regulated). Recommended adapter: RP-0530R-P.

KIT INCLUDES PCB AND PARTS

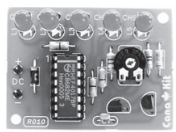
Cat. No.	Description	Net Price
CK148	Digital LED voltmeter	\$41.95
CK321	Digital voltmeter/ammeter (0-100V/5A)	47.34
CK203	Dual display digital voltmeter/ammeter with power supply	60.26
CK221	Universal digital panel meter	35.49

PREASSEMBLED AND TESTED

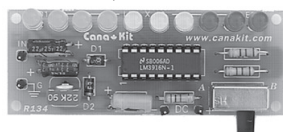
Cat. No.	Description	Net Price
UK148	Digital LED voltmeter	\$49.49
UK321	Digital voltmeter/ammeter (0-100V/5A)	57.03
UK203	Dual display digital voltmeter/ammeter with power supply	73.17
UK221	Universal digital panel meter	43.03



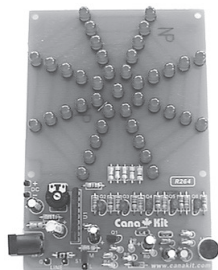
CK001/UK001



CK010/UK010



CK134/UK134



CK264
UK264

LED DISPLAYS

CK001/UK001 MINI LED BLINKER

This is a simple and easy project for a beginner to electronics. As your first step in electronics, it will familiarize you with the electronics world and soldering. It comes with two red LEDs that blink at a rate of approximately 1Hz. It can be used in toys, on your car dashboard as a burglar deterrent, or as a night light you can wear. Supply voltage: 9-12V DC @ 10mA. Includes 9V battery snap.

CK010/UK010 5-CHANNEL LED CHASER

This simple 5-channel LED chaser can be used anywhere requiring LED light effects. The circuit is based on 2 transistors and an integrated circuit which drives all 5 LEDs. The chase rate can be adjusted by a PC board mounted trimmer potentiometer. Supply voltage: 12V DC @ 50 mA. Recommended adapter: RP-1240R-P.

CK264/UK264 41-LED STAR VU-METER WITH BUILT-IN MIKE AND LINE-IN

This LED VU-meter incorporates a highly sensitive built-in microphone that allows the circuit to capture the ambient sound and to operate without requiring a wire connection to your stereo system. It creates a spectacular illumination using 41 coloured LEDs. It can also be connected directly to the line-out of your audio system. Supply voltage: 9-12V DC @ 500mA. Recommended adapter: RP-9500.

CK134/UK134 2-PROGRAM (DOT OR BAR) 10-LED VU-METER

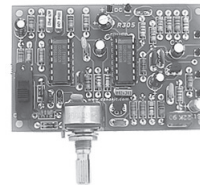
This audio level indicator uses 10 LEDs and features two programs: "BAR" and "DOT". The input sensitivity can be adjusted and therefore it can be used with power amplifiers from 1 to 50 Watts. It uses 3 different coloured LEDs. Supply voltage: 6-18 VDC @ 100mA. Recommended adapter: RP-9200-P.

KIT—INCLUDES PCB AND PARTS

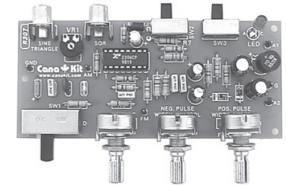
Cat. No.	Description	Net Price
CK001	Mini LED blinker	\$8.55
CK010	5-channel LED chaser	13.94
CK264	41-LED star VU-meter with built-in mike and line-in	36.57
CK134	2-program (dot or bar) 10-LED VU-meter	24.72

PREASSEMBLED AND TESTED

Cat. No.	Description	Net Price
UK001	Mini LED blinker	\$11.78
UK010	5-channel LED chaser	17.17
UK264	41-LED star VU-meter with built-in mike and line-in	50.57
UK134	2-program (dot or bar) 10-LED VU-meter	31.18



CK305/UK305



CK307/UK307

SIGNAL GENERATORS

CK305/UK305 SINE/SQUARE SIGNAL GENERATOR

A signal generator circuit ideal for electronic enthusiasts looking for a sine and square wave generator in the audio frequency range. It is also an instructional tool that can be used to display waveforms on an oscilloscope. The circuit is based on a Wien-Bridge oscillator and can produce frequencies from approximately 40Hz to 2.5KHz or from 2.5KHz to 10KHz depending on the position of the range select switch. Supply voltage: 9V DC @ 20mA. Includes 6 x AA size battery holder.

CK307/UK307 100KHZ FUNCTION GENERATOR

This function generator is an indispensable piece of test equipment for any electronic technician or hobbyist. Its design is based on the popular XR2206 monolithic function generator IC capable of producing high quality sine, square (or pulse), and triangle waveforms. The function generator operates over four overlapping frequency ranges: 1Hz to 100Hz, 10Hz to 1KHz, 100Hz to 10KHz, and 1KHz to 100KHz. In each range setting, the desired frequency and amplitude are adjustable. Supply voltage: 12V AC C.T. @ 100mA. Recommended transformer: 640-1203.

KIT—INCLUDES PCB AND PARTS

Cat. No.	Description	Net Price
CK305	Sine/square signal generator	\$27.95
CK307	100KHz function generator	43.03

PREASSEMBLED AND TESTED

Cat. No.	Description	Net Price
UK305	Sine/square signal generator	\$37.65
UK307	100KHz function generator	53.80