

General

MINI LED DIGITAL CLOCK

- Digital LED display
- Based around a PIC microcontroller
- Includes adapter jack
- Alarm with buzzer
- Snooze function
- Supply voltage: 6 to 12VDC / 100mA



MODEL	DESCRIPTION
UK1118	Assembled

Generators

1KHZ SINE WAVE GENERATOR

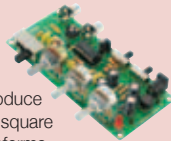
- Output frequency: 1KHz
- Consumption: < 10mA
- Output amplitude: adjustable from 0 to 6V, peak-to-peak
- Supply voltage: 9V battery (9 to 14VDC)



MODEL	DESCRIPTION
CK107	Kit
UK107	Assembled

200KHZ FUNCTION GENERATOR

- Uses an IC to produce high quality sine, square and triangle waveforms
- Frequency span: 10Hz to 200KHz, in 4 ranges
- Frequency and amplitude are adjustable
- Supply voltage: **regulated** 12VAC or 12 - 18VDC / 300mA



MODEL	DESCRIPTION
CK307	Kit
UK307	Assembled

SINE SQUARE SIGNAL GENERATOR

- Frequency ranges:
 - 10 to 200Hz
 - 100Hz to 2KHz
 - 1 to 20KHz
 - 2 to 50KHz
- Sine/Square selector switch
- RCA output jack
- Maximum output amplitude
- Sine 0 to 5Vpp (adjustable)
- Square 10Vpp (fixed full swing)
- Supply voltage: 12VAC
- Includes AC adapter jack



MODEL	DESCRIPTION
CK730	Kit
UK730	Assembled

LED Displays & Blinkers

MINI LED BLINKER

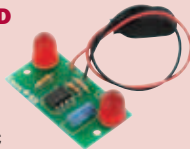
- Good project for a someone new to electronics
- Provides basic practice with circuits and soldering
- LED blink rate approximately 1Hz
- Can be used in toys, in a car or home, or worn on clothing at night
- Supply voltage: 5 - 12VDC / 10mA



MODEL	DESCRIPTION
CK001	Kit
UK001	Assembled

JUMBO 2-LED FLASHER

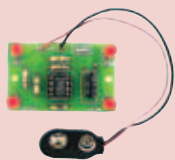
- A great kit for beginners
- Based on the popular 555 IC
- Features two large super bright red LEDs
- Supply voltage: 9 - 12VDC / 20mA



MODEL	DESCRIPTION
CK068	Kit
UK068	Assembled

ALTERNATING FLASHER, 4-LED 5MM

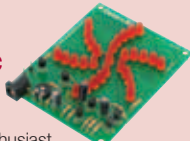
- Good project for beginners to create fun lighting effects
- Based on the popular 555 IC
- It flashes four bright red LEDs alternatively, in pairs
- Supply voltage: 9 - 12VDC / 40mA



MODEL	DESCRIPTION
CK069	Kit
UK069	Assembled

31-LED ELECTRONIC WINDMILL

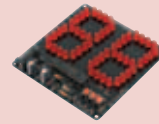
- Fun kit for any electronics enthusiast
- Displays a windmill with apparent rotation
- Rotation speed adjustable, using a potentiometer
- Supply voltage: 9 - 12VDC / 200mA



MODEL	DESCRIPTION
CK176	Kit
UK176	Assembled

DIGITAL QUEUING COUNTER DISPLAY KIT

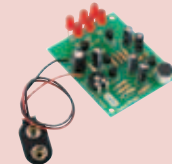
- Bright LED display ideal for busy shops or offices, to show the next customer's number
- Includes Ding-Dong sound generator (speaker not included)
- On-board Up, Down and Reset switches
- Includes large push button switch for remote operation (wire not included)
- Supply voltage: **regulated** 5VDC (RPR-051A5-P5 recommended)



MODEL	DESCRIPTION
CK299	Kit
UK299	Assembled

6-LED SUPER SENSITIVE SOUND TO LIGHT CONVERTER

- Super-sensitive sound-to-light converter with built-in microphone
- Six ultra-bright LEDs show changing ambient sound levels
- Can be used to indicate a telephone or doorbell for the hearing-impaired
- Many other applications
- Supply Voltage: 9VDC / 50mA



MODEL	DESCRIPTION
CK457	Kit

JUMBO DIGITAL CLOCK

- Includes AC adapter jack
- Digit height: 5" (12.7 cm)
- Number of LEDs: 187
- Supply voltage: 16VAC / 0.5A



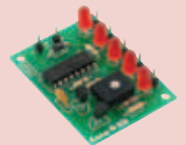
MODEL	DESCRIPTION
UK355	Assembled

Cana Kit™
Electronic Kits & Modules

Light Chasers

5-CHANNEL LED CHASER

- Simple 5-channel LED chaser to use anywhere you need LED light effects
- LEDs are driven by an IC and 2 transistors
- Chase rate can be adjusted by a trim pot
- Supply voltage: 12VDC / 50 mA



MODEL	DESCRIPTION
CK010	Kit
UK010	Assembled

LIGHT CHASER: 8-CHANNEL, 20-PROGRAM (AC VERSION)

- PIC-based 8-channel light controller
- Intended for use with AC-powered lights
- 20 effects programs: running lights, Christmas lights, safety messages, etc.
- On-board speed control and direction reversal switch
- 8 opto-couplers to isolate controller circuit from AC power
- Supply voltage: 6 - 24VDC



MODEL	DESCRIPTION
CK570	Kit
UK570	Assembled

LIGHT CHASER: 8-CHANNEL, 20 PROGRAM (DC VERSION)

- PIC-based 8-channel light controller
- Designed for use with DC lights or LEDs
- 20 effects programs: running lights, Christmas lights, safety messages, etc.
- On-board speed control and direction reversal switch
- Supply voltage: 6 - 24VDC



MODEL	DESCRIPTION
CK580	Kit
UK580	Assembled