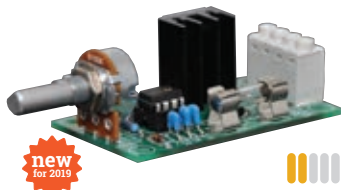


▼ Power Kits

“Choppy” Pulse Width Modulator Controller Kit

(DIYODE Mar '18). Sometimes you don't need ultra-precise PWM control. Based on a 555 Timer, it provides a quick PWM solution for all sorts of applications from power tools to motor speed control, to dimming lights. If it's just a simple knob-to-control power that you need, then this is the project for you. Suits 12V circuits.



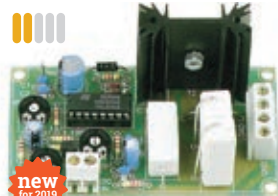
new for 2019



Price Each		RRP	4+
K 9810		13.95	12.45

Velleman® DC Pulse Width Modulator Controller Kit

This control circuit is ideal for the accurate control of DC motors, lighting levels, small heaters as well as other applications. The circuit converts a DC voltage into a series of pulses, such that the pulse duration is directly proportional to the value of the DC voltage - with virtually no power loss! Protected against overload and short circuit. 8-35V DC input.



new for 2019



Price Each		RRP	1+
K 8131		29.95	29.95

Dual Tracking 0-19V Power Supply Kit



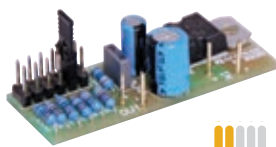
240V

(SC June 2010) This linear bench supply can deliver up to 1.6A from positive & negative outputs with a range of ±0-19V. It has adjustable current limiting for both outputs and can display the voltage or current for either rail. Plus a fixed 5V 750mA output for powering digital logic ICs and microcontrollers. Low noise and ripple. Precision LED readout. Load regulation 0.1%. Dimensions: 200W x 155D x 65Hmm.

Price Each		RRP	4+
K 3218		229.95	206.95

Universal Regulator Kit

(EA Aug '97) A flexible circuit that provides preset voltage output of 3, 5, 6, 9 or 12V DC. Suitable for powering a wide range of DC low power circuits, such as running a personal CD/radio from a car cigarette lighter or powering external peripherals from a PC. Delivers up to 1.5A depending on heatsinking.



Price Each		RRP	5+
K 3220		8.50	7.65

Mini Switching Regulator Kit

(SC Feb '12) This tiny regulator board outputs 1.2-20V from a higher voltage DC supply at currents up to 1.5A. It's small, efficient and cheap to build, with many handy features such as a very low drop-out voltage, little heat generation and electronic shut-down.



Price Each		RRP	5+
K 6340		21.95	19.75

Soft Starter Power Kit

(SC April '12) Prevents those nasty surge currents when appliances switch on, preventing breakers from tripping due to the temporary high load level. This is a common problem when switching on multiple switchmode appliances from the same power circuit. Limits inrush current to appliances, without affecting performance.

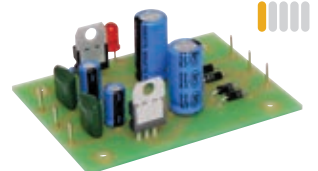


240V

Price Each		RRP	4+
K 6042		29.95	27.25

±15Volt, 1 Amp, DC Power Supply Kit

(SC August '88) This great little design will give you +15V, -15V or ±15V. Requires 12-0-12 V or 15-0-15 V input (transformer not supplied). M 2854L or M 2855L transformers are suitable. Can be used for experimenting or powering pre-amplifiers or op-amp circuits. Size: 75 x 55 x 30 mm



Price Each		RRP	5+
K 3215		14.95	13.50

USB Sensing Mains Power Switch Kit

(SC January '09) Do you have to manually switch your PC's peripherals on (and later off again) each time you boot your PC? If so, this project will make life a lot easier. It monitors your PC's USB port and automatically turns all that other gear on and off as required. Saves you power, plus the effort of crawling under the desk.



240V

Price Each		RRP	
K 2920			50.00

6 & 12V Intelligent Gell Cell Charger Kit

(SC July '89) This simple circuit will recharge your 6 or 12V gell cells correctly, considerably increasing their life span. Kit consists of one IC and a handful of external components plus the PCB. Charging current and voltage is controlled and over-charging is avoided by the IC switching off when the cell is fully charged.



**Features** • Supplied with components to build either 6V or 12V version • Automatic charge rate • 12V input 15 to 24V DC • 6V input 9 to 24V DC • Supplied with chip details to allow expansion of this kit

Price Each		RRP	5+
K 1685		27.95	24.95

Power Supply Module Kit

(SC Nov '11) Originally part of the Silicon Chip Ultra-LD MKII amplifier design, this power supply board can be adapted to a variety of projects requiring a high performance power supply board. Provided with easy screw terminal connection. Also suits K 5181 Classic-D amplifier module.



Price Each		RRP	4+
K 5168		36.95	33.25