

FEATURES

8 Holden's EFIJY Show Car

Stunning looks and PICAXE-based electronics – by Jeff Brown

14 Review: Tektronix Arbitrary/Function Generators

New AFG3000 Series from Tektronix feature large LCDs and generate function, pulse and arbitrary waveforms – by Peter Smith

25 Excellence In Education Technology Awards

SILICON CHIP's new awards for electronics technology in education

PROJECTS TO BUILD

16 Pocket TENS Unit For Pain Relief

Alleviate pain electronically with this TENS unit (Transcutaneous Electrical Nerve Stimulation). It's pocket-size and easy to build – by John Clarke

32 "Little Jim" AM Radio Transmitter

Use it to transmit to your vintage radio set or to a car radio. A range of just four metres keeps it legal but where did the name come from? – by Jim Rowe

68 Universal High-Energy Ignition System; Pt.2

Six versions to build, to suit your car's trigger input. And there's info on converting a points distributor to Hall Effect pickup – by John Clarke

78 Building The Ultimate Jukebox; Pt.2

Second article has all the details on building the wooden cabinet and applying the carpet treatment – by Ross Tester

86 Build A MIDI Drum Kit; Pt.3

Building the various sensors and the stand – by John Clarke

98 Picaxe-Based 433MHz Wireless Thermometer

Want to transmit temperature data 50 metres or more from a remote sensor to display on a PC? It's surprisingly easy – by Stan Swan

SPECIAL COLUMNS

44 Circuit Notebook

(1) Winch Controller For Boaties & 4WDers; (2) Pushbutton Relay Selector; (3) Dual Input-Combining Stereo Line Amplifier; (4) Battery Desulphation Progress Monitor; (5) Nicad Charger With Voltage Cutout

52 Serviceman's Log

I hate servicing rear-projection sets – by the TV Serviceman

104 Vintage Radio

The AWA B25/6 stereogram – by Rodney Champness

109 Salvage It!

A human-powered LED torch for next to nothing – by Julian Edgar

