- How To Get Into Digital TV

  Analog TV transmissions are on the way out. Here's a look at what you'll need to receive all the new digital transmissions on an analog TV by Alan Hughes
  - 14 Review: Tevion TEV8200 HD Set-Top Box
    Got an analog TV set? You need an HD Set Top Box! by Leo Simpson
- 22 How To Solder Surface Mount Devices

  Here's how to solder SMD parts using simple tools by Jim Rowe
- 46 PICAXE VSM: It's Time to Play; Pt.3

Using some of the 'virtual instrumentation' included with the software, from a simple voltmeter to an advanced I<sup>2</sup>C protocol debugger – by Clive Seager

- 72 The I<sup>2</sup>C Bus: A Quick Primer

  Mystified by the I<sup>2</sup>C bus communications protocol? Read this by Jim Rowe
- 82 Electric Flight
  Battery-powered aircraft creates aviation history by Ross Tester
- 30 12V-24V High-Current DC Motor Speed Controller, Pt.1 It's rated at up to 40A continuous, features automatic soft start & has good speed regulation under load by Mauro Grassi
- 58 A Digital VFO with LCD Graphics Display
  This digital VFO uses a recycled Nokia cellular phone LCD to display analog
  and digital frequency readouts by Andrew Woodfield, ZL2PD
- 78 A Low-Cost PC-to-l<sup>2</sup>C Interface For Debugging
  Tracking down bugs in l<sup>2</sup>C circuits can be tricky. This PC interface lets you take
  advantage of the free Philips/NXP "URD" debugging program by Jim Rowe
- 91 One-Pulse-Per Second Driver For Quartz Clocks
  Convert a low-cost quartz clock to GPS accuracy by Jim Rowe
- 40 Serviceman's Log
  Foxing out a Foxtel installation by the TV Serviceman
- 67 Circuit Notebook

(1) TV Field-Strength Meter; (2) Alternator Controller For Charging Deep Cycle Batteries; (3) Emergency Light Uses 3W White LED; (4) PICAXE Light Box Countdown Times; (5) Impedance Bridge Measures At Three Frequencies;

(6) 3 imple Mosfet Tester; (7)-PC Cooling-Fan Driver

84 Vintage Radio
The batteries used to power vintage radios – by Rodney Champness