

FEATURES

- 1 The Silicon Chip 5th Birthday Sweepstakes**
Enter & you could win a car – lots of other prizes as well
- 8 Ten Years Of The Compact Disc**
A look back at an all-conquering product
- 64 High Voltage Probes: Beware The Dangers**
Coronial report of a fatal accident
- 100 Index To Volume 5, Jan.92 - Dec.92**
All the year's projects & features

PROJECTS TO BUILD

- 12 Diesel Sound Simulator For Model Railroads by Darren Yates**
It fits inside the loco for added realism
- 22 An Easy-To-Build UHF Remote Switch by Greg Swain**
Factory made receiver front-end eliminates alignment hassles
- 44 Build The Number Cruncher by Greig Sheridan**
It chooses a number; you guess what it is
- 58 The MAL-4 Microcontroller Board, Pt.2 by Barry Rozema**
The complete circuit diagram & how it works
- 66 A 2kW 24VDC To 240VAC Sinewave Inverter, Pt.3 by John Clarke**
The sinewave generator & the H-pack output drive circuit

SPECIAL COLUMNS

- 28 Computer Bits by Darren Yates**
Upgrading an AT computer to a 40MHz 386DX motherboard
- 40 Remote Control by Bob Young**
Building & using the low-cost speed controller, Pt.2
- 74 Vintage Radio by John Hill**
Preventing trouble & making odd repairs
- 84 Serviceman's Log by the TV Serviceman**
A dogged approach is justified