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### THE ETI ORGAN

Here's a major project for all you budding musicians — a two-manual and bass pedals organ. This design has a single main board that does all the usual organ stuff and also includes a very realistic-sounding multi-voice rhythm module. Sounds expensive, doesn't it? Wrong. The start-up kit to build one keyboard will cost less than £100, while a full kit (excluding cabinet) will be available for under £300. A fully-built version will also be available, still at well under the price of organs with an equivalent performance.

# **ZX81 ENHANCEMENT**

Here's a very cheap little project for anyone who owns a ZX81 and sometimes feels like breaking it by hitting it with the cassette recorder. Yes, we've got details on how you can solve all the legendary problems this computer has with SAVEing programs, and very cheap it is too!

### LOGIC PROBE

Not another logic probe? Yes, here's one that's a little more complex than before, which will give you an indication of pulse presence and polarity besides the usual high and low indications.

## CRYOGENIC COMPUTERS

Do you get cold feet when you think about electronics? IBM's design engineers took it a stage further, and next month we'll be telling you what they're up to.

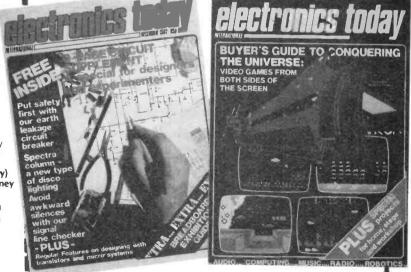
### **DESIGN COMPETITION**

There's one group of people who'll be camping outside the newsagents next month: the ones who entered our Design competition. The next issue will reveal the name of the person who won the £100 prize for the best design based on free PCB we gave away with the October issue. We've also decided to publish one or two runners-up.

# LOOK OUT FOR THE FEBRUARY ISSUE ON SALE 7th JANUARY

Articles described here are in an advanced state of preparation. However, circumstances may dictate changes to the final contents.

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