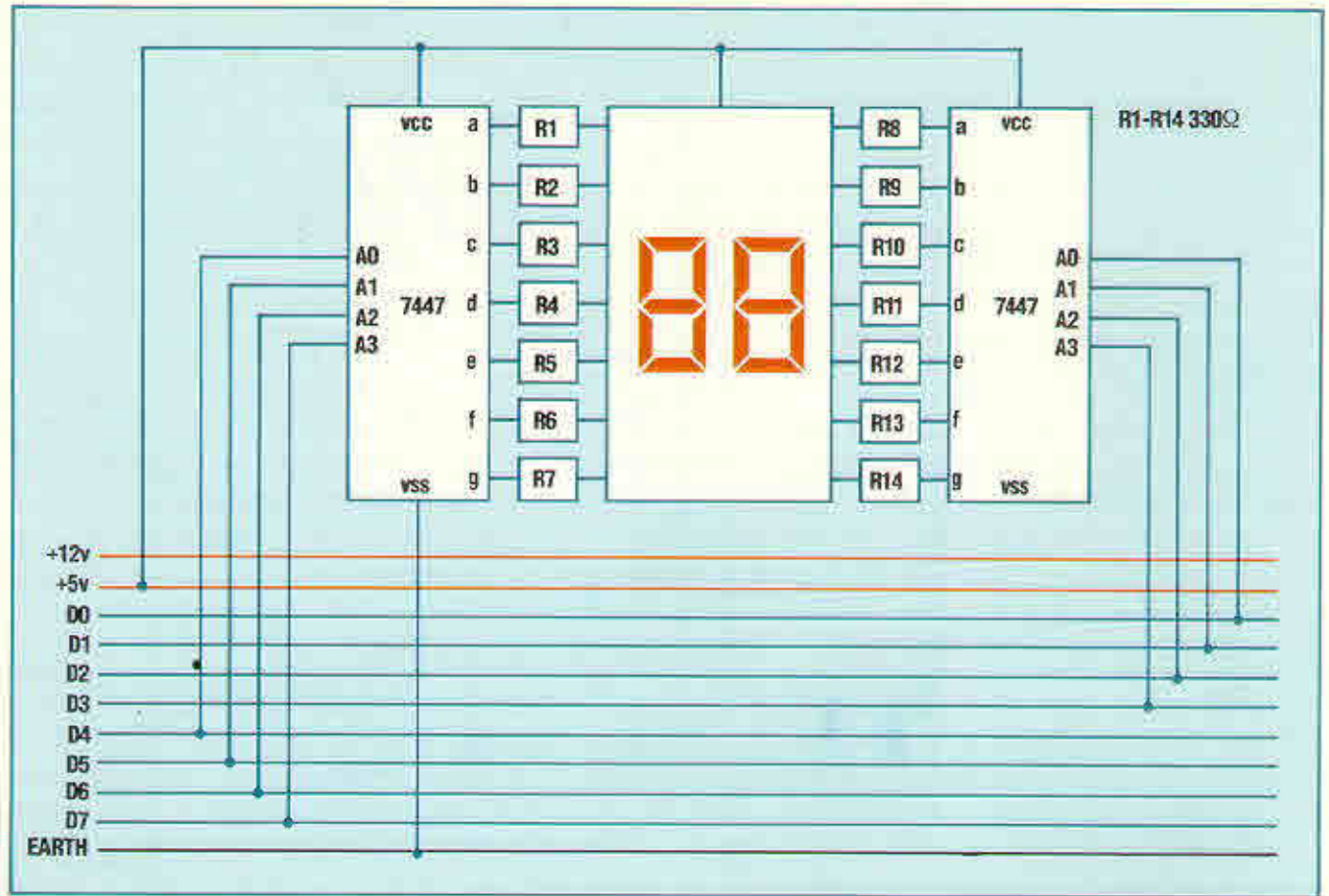# The Seven-Segment Display

A seven-segment display requires four logic inputs to display the 16 hexadecimal digits, thus we can drive two such displays using the eight data lines available on the system bus. This unit will therefore display the contents of the user port data register as a pair of hex digits, and can be connected, either directly to the buffer box, or to a female minicon socket on the output box. (See page 685.)

KEVIN JONES

The Digital-To-Analogue Converter

The D/A converter converts a data register value between 0 and 255 into a voltage. The output from the box is around 600W, not strong enough to drive bulbs or motors directly, but can be amplified to do so. Alternatively the D/A converter can be used to generate sound, either directly through headphones or via an audio amplifier. (See page 714.)

IAN McKINNELL