



BBC BASIC FOR THE ATOM

Acornsoft's 20k BBC ROM conversion module can be added to an Atom, which will support the full set of BBC-type Basic commands. The syntax is identical, so all programs that don't rely on BBC hardware can be run on the Atom.

The module is fitted in parallel with Atom Basic and may be selected by a switch or from the keyboard with modifications. It consists of 16k Basic ROM, a 4k operating system ROM and an additional 2k RAM that can be used by the Atom as well. A comprehensive manual is supplied giving operating and fitting instructions.

The conversion board uses the same 16k Basic ROM as the BBC micro. The board includes a 4k MOS ROM to provide the correct machine environment on the Atom. The board also includes logic to alter the memory map so that RAM is available from 0000 upwards, and so that the 16k Basic ROM can reside at 8000 to C000.

The BBC-Basic time function is implemented by means of interrupts, generated by the Atom's 6522 timer (which must therefore be fitted).

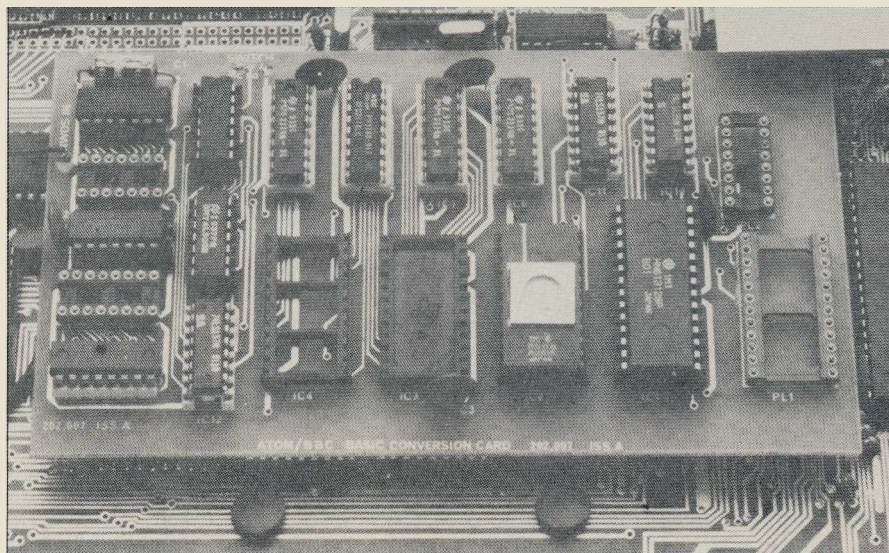
The BBC board is fitted by removing four integrated circuits from the Atom and inserting these in sockets on the board. The board is then plugged into the empty sockets on the Atom.

The BBC Basic board includes 16k Basic ROM, 4k MOS ROM, 2k of additional RAM, socket for utility ROM, socket for MOS extension ROM, decoding logic.

The board can either be wired permanently in BBC-type Basic mode, or, with the addition of two wires to the Atom keyboard, you can select between Atom or BBC-type Basic by pressing CNRL-BREAK or SHIFT- BREAK respectively. Alternatively, the module can be fitted by your dealer.

The commands MOVE, DRAW, and PLOT are supported, with drawing of lines or points, relative or absolute, and drawing in white, black or inverted. The facilities for area fill and dotted lines are not supported.

The board allows users to type in BBC programs, but cassettes cannot be loaded. It costs £49.95.



BBC Basic board fitted inside the Atom

