Computer Concepts

"SIDEWAYS ROM" Expansion Board for the BBC Computer

The BBC Computer can run software packages stored on EPROM using the four "SIDEWAYS ROM" sockets on its printed circuit board. Now that an ever increasing range of software packages for word processing, financial planning and other applications are available in this format, there is a need to expand the facility and take advantage of these developments. In addition to true SIDEWAYS ROMS, the BBC Machine also provides a ROM filing system which is currently under utilised. This allows RAM based programs, such as BASIC or machine code to be 'filed' on EPROM and down loaded into RAM in a similar way to loading from cassette or disc - yet another reason for increasing the number of sockets available.

To overcome this limitation, ATPL has designed SIDEWISE which provides you with a further twelve sockets giving a total capability of sixteen SIDEWAYS ROMS, the maximum number capable of being supported by the BBC computer operating system. In addition to the ROM expansion, one of the SIDEWAYS ROM sockets may be defined as RAM, permitting SIDEWAYS ROM software to be loaded into the RAM area of the machine using normal OS commands. Once loaded, the RAM may be used like any other SIDEWAYS ROM and the limitation of having only sixteen sockets is effectively removed.
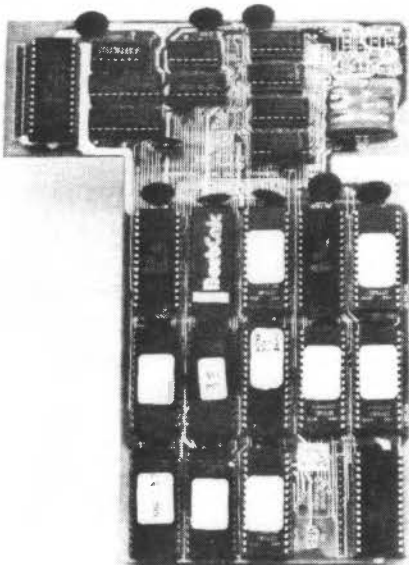
SIDEWISE Benefits

* FULL SIDEWAYS ROM EXPANSION to total of sixteen ROMS.
* 16K battery backed CMOS RAM option - RAM is treated as ROM number 15 on read.
* Software for SIDEWAYS ROMS may be down loaded and run in RAM under the true SIDEWAYS environment before transfer to EPROM using ATPL 's EPROM programmer.
* EXISTING sockets on BBC are usable and all EPROM sockets are accessible without removing SIDEWISE.
* PLUG - IN - AND GO construction. Mounts neatly inside the BBC machine.
* NO SOLDERING required to fit SIDEWISE.
* FULL BUFFERING of address and data busses - prevents data bus loading problems associated with unbuffered boards.
* PIN 1 of on board sockets are connected properly - no spurious crashes due to this known fault on BBC machine.

PRICE: - £38.00 + V.A.T. + £1 P & P Assembled and tested

16K CMOS RAM OPTION - please ring for latest price as this is subject to fluctuation.

DELIVERY   - within 28 days from receipt of order.

SIDEWISE

SIDEWISE FITTED