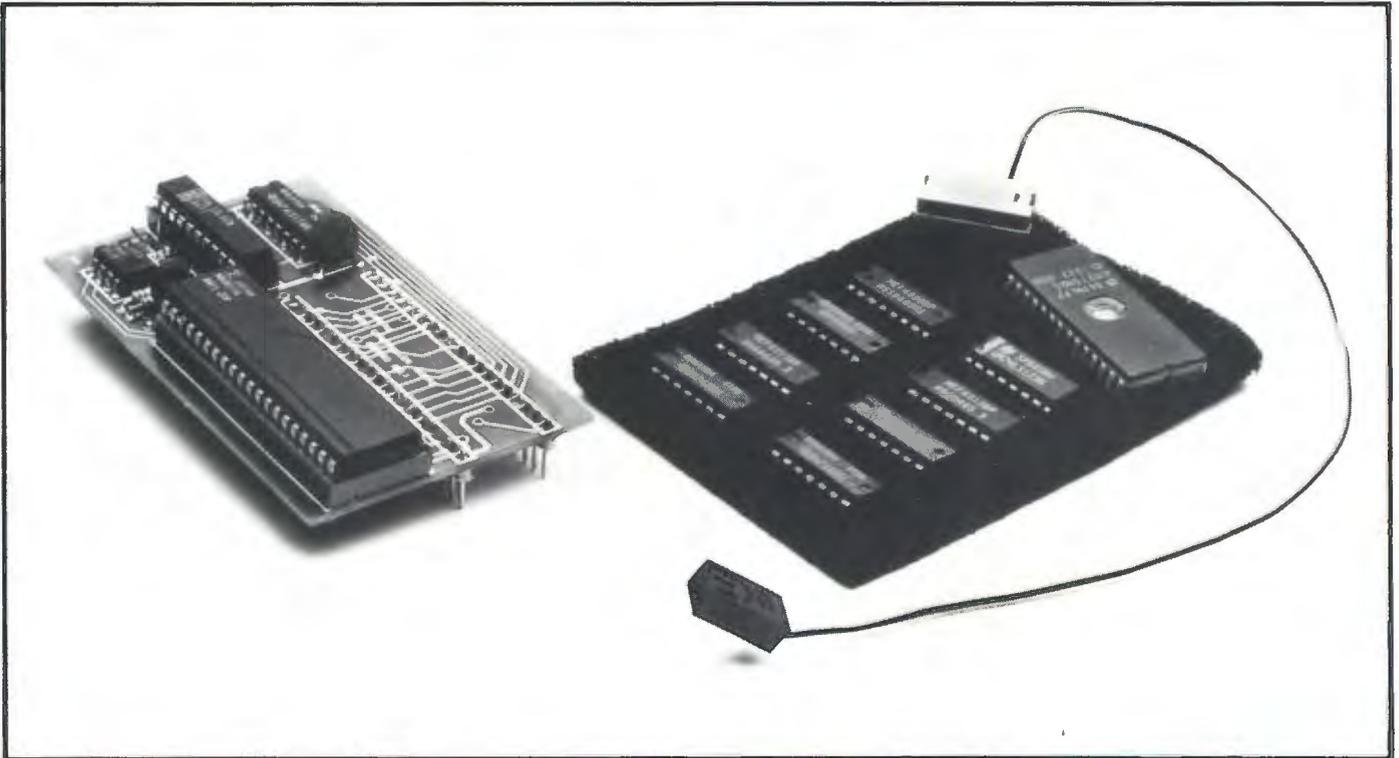


## QFS - DISK FILING SYSTEM FOR THE BBC MICROCOMPUTER



### TECHNICAL SPECIFICATION

- Acorn compatible in single density 10 sectors per track.
- The format program is built into ROM. To create a double or single density disk it is only necessary to format a blank disk in the density mode required. Also built into the format program is the ability to format double sided disks if the drive is capable of this mode. (Single density pre recorded disks may also be used).
- Capacity when using double density is 18 sectors per track, giving a massive 1.4 mega bytes of formatted storage using dual double sided 80 track disk drives. The formulae is:  
No of drives x no of tracks per side x no of sides per drive x 18 sectors per track x 256 bytes per sector.
- The QFS is comprised of a 16K ROM containing the firmware, which plugs into a vacant socket in the BBC Micro. A small printed circuit board which contains the disk controller and associated custom IC. This plugs into the disk controller socket in the BBC Micro. In addition there are a further 7 support IC's which are plugged into vacant sockets and a link to plug onto the main BBC Micro PCB.  
If you have an early version of the BBC Micro (Version 3 and before) it will be necessary to cut a track and insert a link, this is the same as would be necessary to fit Acorns DFS.
- The QFS comes complete with operating manual and full fitting instructions including diagrams

### EASY FITTING

QFS is supplied as a kit of IC's and a small printed circuit board which plugs into empty sockets within the BBC microcomputer. The kit is supplied with full instructions and should take no longer than 15 minutes to fit - overall. If you are unsure of your ability to carry out the fitting, your supplier will arrange to have the installation done for you.

### SUPER FIRMWARE

From the beginning QFS has been designed to be absolutely compatible with most ACORN disk software. The operating system will automatically recognise and run programs written onto a single density disk using ACORN DFS and will in turn create disks that can be treated exactly as if created by ACORN DFS. BUT QFS will also create DOUBLE DENSITY disks giving you 1.8 times your normal file space. Double density is completely transparent to the operator and is treated just like normal DFS.

Cumana give a full 12 months warranty and all units are delivered in professional, re-usable packaging to enable us to offer a fast and efficient maintenance service on units returned to our workshops, should this be required.

*NOTE: It is our policy to take advantage of new techniques and components as they become available. Cumana therefore reserve the right to alter specifications at anytime.*

For further information contact our Sales Office at this address:

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