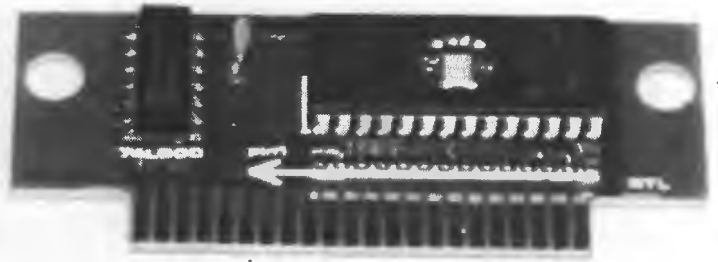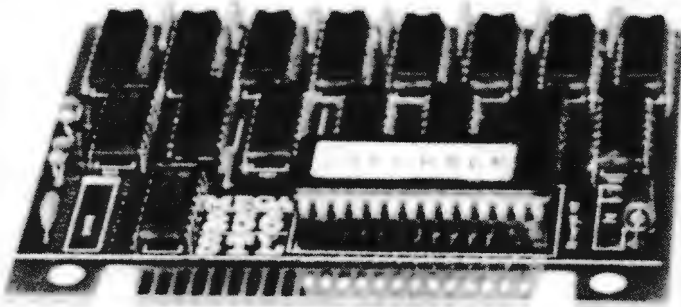# SOLIDISK (0702) 354674

THE MASTER MEGA 256K CARD

Only £100.00 inc.

For only £100.00 inclusive of 15% VAT, you can triple the amount of available RAM on the MASTER.
The Solidisk MASTER MEGA 256K card brings RAMDISK, printer buffer and extra Sideways RAM effortlessly to within the reach of many pockets.
Furthermore, it uses only one cartridge slot.

Features:

The MASTER MEGA 256K card extends further the MASTER Sideways RAM system. It is organised as 16 Sideways RAM sub-banks, folded into the same physical Sideways RAM slot No 2. Its special built-in software allows any of the 16 sub-banks to be selected. After entering the command *SELECT (n) — n can be 0 to 15, up to 16 ROM images can be loaded into these sub-banks.
This feature can be used to augment the existing Sideways RAM banks or to replace the latter if they are lost after installing ROMs on the motherboard.
Alternatively, its special software can use the memory as a cache buffer for your printer, for editing text or for RAMDISK. Those facilities are extremely simple to set up. For example, if you need a printer buffer of 50 Kilobytes in size, enter *PRINTER 50. You can do it just about anytime, as this does not disturb whatever you are working on.
The sound output and the keyboard can be buffered too, similarly. The keyboard buffer can be useful for editing text. You can 'cut' a lot of text (or programs) by sending it to the printer buffer, then 'paste' another with the command *STREAM 0,

putting it all back as if it were typed in from the keyboard.
RAMDISK is another strong application of the MEGA 256K card.
RAMDISK can be used to speed up disc intensive operations. A speed increase factor of 10 in database indexing or 5 in graphic animation is frequent.
Two RAMDISKS can be concurrently set up, one in DFS and one in ADFS. A RAMDISK can be as big as 240K but is usually limited by the amount of available memory.
If you want for example a 200K RAMDISK as drive 3, just enter *RA. 3 200 (*RA. stands for *RAMDISK).
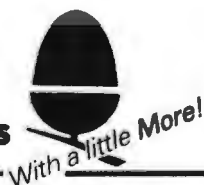RAMDISKs are recognized and used by Solidisk MADFS 2.1 ROM. Two commands *MADFS and *MDFS are provided to enable the built in Acorn DFS and ADFS to do the same.
Use *RDIR to display what the MEGA card has in its store.
As the MEGA card offers as fast access as ordinary Sideways RAM, any application requiring a large amount of RAM can take advantage of it. In assembler, only 4 instructions are required to perform your own bank switching. EMR in Southend for example uses the MEGA card to store music data for their MIDI interface.

Master ROM Cartridge:

Our MASTER ROM cartridges can accommodate any type of EPROM/ROM used on the MASTER. They are small enough to be fitted even inside the case if you wish, thus capable of accommodating bulky ROMs such as InterWord or InterBase or protecting your ROM from being "borrowed". Price £4.00 inc. without plastic case, £5.00 with plastic case. Prices start as low as £1.00 for large quantities.