

This is a sample of 80 column output using the SEM-3 video board Upper and lover case characters as well as 851 standard graphics are supported Custon characters can be occanodated by changing the on-board character generator.

y this method, character cell sizes other than OSI standard 8x8 can b iccompudated. ine lengths are software selectable up to 88x24

Simple hardware modifications will allow larger line lengths. The SEB-3 disa handles 58 Hz. European video formass easily. The SEB-3 disa has an OSI-type flappy disk controller copoble of handling to tive inch or 8 inch drives. The SEB-3 rotalis replaces the 540 board in the system, and includes the

The star's totally replaces the 340 boord in the system, and includes the Resboard input port. The SEB-3 simply 'plugs in' to your system with no hordware modifications to mour machine.

Software drivers are available for OS 650, OS 650, and MP6502

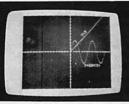
SUPER OSI EXPANSION BOARDS

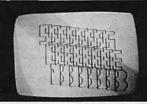
Tired of trying to run your word processor or your DMB on an OSI 64 character video screen? Now there's the SEB-3, THE most versatile 80x24 video board anywhere is available for OSI 48 pin BUSS systems. No longer will you have to consider converting your video-based system to a serial terminal because you've found 64 characters stifling for serious business use. Nor need you give up compatibility with any existing graphics software because the SEB-3 allows you to choose ANY screen format up to 80x24 including 32x32 and 64x32. Since the SEB-3's screen format can be changed at any time under software control, even gaming displays can benefit from screens custom tailored to the game itself. The SEB-3 is so well designed and so versatile that it will not need to be replaced — ever. Simple changes in software and/or hardware will allow the SEB-3 to: generate displays up to 256

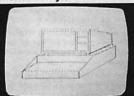
columns; handle 50 Hz European formats; accomodate custom characters or character cell sizes larger or smaller than 8x8 and transparently access the screen to eliminate screen "glitches". In short, the SEB-3 will meet any demands your system may place on it now and in the future. The SEB-3 also supports an OSI-style floppy disk interface which can handle two 5" or 8" drives. Like all of the boards in the SEB series, the SEB-3 simply "plugs in" to your machine — there are absolutely NO hardware changes. The SEB-3 is designed to replace your outmoded 540 board so you don't even lose a backplane slot. Your keyboard input now also plugs into the SEB-3 — load one of the software drivers and you're ready to go!

SEB-3 Assembled \$259.00 Kit \$220.00 Bare Board \$59.00 Manual only \$5.00









If your Challenger can't generate displays like those shown above **WHAT ARE YOU WAITING FOR?** The SEB-1 High Resolution Graphics and Memory Board (for C1P and Superboard II) and the SEB-2 High Resolution Graphics and Disk Controller Board (for C2/4/8) simply 'plug-in' to your computer and give you instant access to over 49000 individually addressable pixels in up to 8 colors! Your Hi-Res screen can go from 32 × 16 alphanumerics to 256 × 192 point graphics in 11 software selectable modes. The standard video of your computer is left intact, so that none of your current software library is outmoded. Use the graphics for Business, Scientific, Education, or Gaming displays that were impossible — until now!

— until now!

Assembled and Tested \$

\$249.00 (5K RAM) \$239.00 (1K RAM) \$165.00 (No RAM) \$199.00 (No RAM)

Installation of either board requires absolutely NO modification of your computer—they just 'plug-in'. Nor do they preclude your using any other OSI-compatible hardware or software. In addition to the Hi-Res Graphics the SEB-1 gives C1 & Superboard II users 16K of additional user memory (over and above that memory devoted to the graphics), two 16 bit timers/counters, an on-board RF modulator, and a parallel port with handshaking. The SEB-2 gives OSI 48-pin BUS users an OSI hardware/software compatible Disk controller, and an RF modulator that can be user-populated.

FOR OSI 1P, 2-4P, 2-8P, C4P, C8P

 SEB-1
 SEB-2

 Bare Board & Manual
 \$ 59.00
 \$ 59.00

 Manual only
 \$ 5.00
 \$ 5.00

COMING: SEB-3 80 ×24 Video/Disk Controller (C2/4/8), SEB-4 48K Memory RAM/ROM (C2/4/8), SEB-5 8K RAM/Disk/Sound/Clock/Voice (C1 & Superboard)

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