

DIGITAL  
SERVICE &  
DESIGN

P.O. BOX 741  
NEWARK, OHIO 43055

MEMORY/CPU  
CARDS

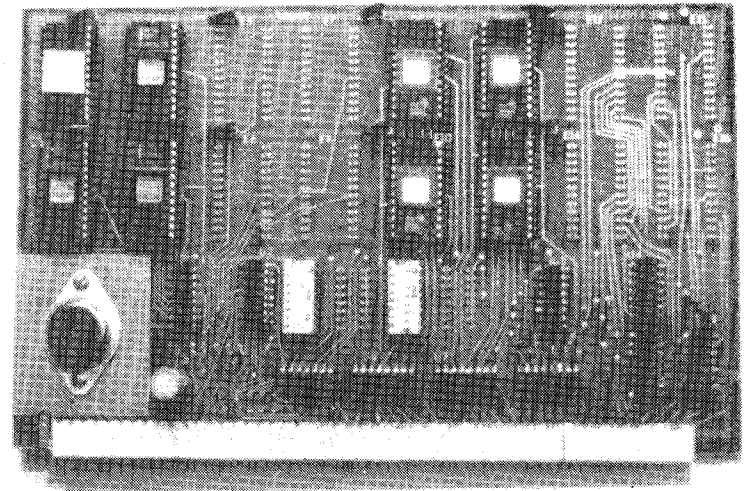
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DSD 68047 VG 1

The VG 1 is a Color Graphic video card that utilizes the AMI 68047 VDG chip. The card is designed to allow the user full use of the 68047 VDG chip in all 12 modes. The card resides in any 8K memory location with 6K of RAM and 2K user EPROM. The RAM consist of 1K x 12 (3 2114s) and 5K x 9 (10 2114s & 5 2102s). This allows for individual cell control of the VDG'S CSS, INV, INT/EXT, & A/S lines in the Alphanumeric and semigraphic modes and CSS line control in the higher graphic modes. Eight Colors: GREEN, YELLOW, CYAN, RED, BLUE, CYAN/BLUE, MAGENTA, & ORANGE. An 8255 PPI is used to program the VDG and supply data to the VDG control RAM. The external ROM is supported by an extra card, which connects to the VDG's data lines. Card size 9" x 5½".

VG 1 Bare board & Documentation....\$39.00  
 With 68047, LML889, & trim caps.....\$59.00  
 External ROM card ( 2732 EPROM )...\$15.00

Please Allow from Stock to  
 6 Weeks Delivery Time.



32K STATIC RAM KIT.....~~\$380.00~~  
 325.00

The DSD P/R-32K card with logic chips and 16 each TMM 2016P-3 Static Ram Memory chips. 200ns access time with 540ma Total current.

DSD P/R-32K.....\$27.00

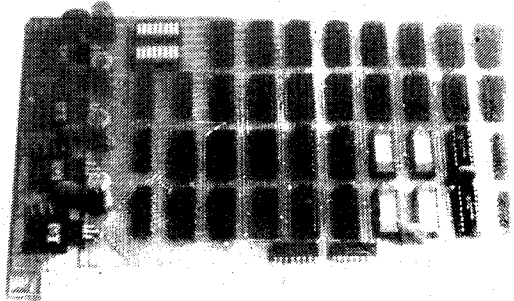
32K or 16K EPROM & RAM memory card.  
 5V only EPROMS and 5V only BYTEWIDE RAM.  
 (MK 4802, MCM 4016, MSM 2128-1, TMS 4016,  
 HM 6516, HM 6116, TC 5516AP, & TMM2016P-3)  
 Up to 4 independent addressed 8K blocks.  
 Card size 9" x 5½".

Note 32K of HM 6116 Draws 300ma Total  
 32K of TMM2016 Draws 540ma Total

STATIC RAM MEMORY CHIPS \$15.00

2K x 8 TMM2016 200ns.....~~\$22.50~~  
 1K x 4 2114 300ns.....\$4.25

Price and availability of Ram and  
 Ram Kits are subject to change without  
 Notice.

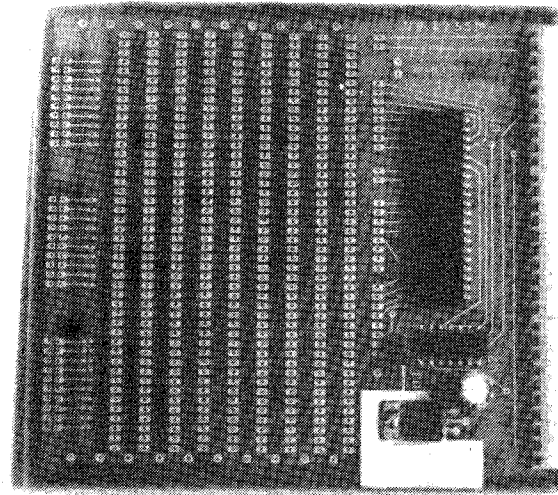


DSD 2114-16K.....\$27.00

The 16K RAM memory card is designed for the 2114 1K x 4 RAM memory chip and will work with all SS-50 BUS Computers. The T.I. TMS 4045 is pin compatible and may be used on this card. All address and data lines are buffered. The card has 2 independent addressed 8K blocks. 7-8VDC unreg. @ 3.5A. Card size 9" x 5 $\frac{1}{2}$ ".

DSD SS-50-5.....\$30.00

5 position mother board with card support pins. Card can be expanded with edge connectors. Can be used for any system using the SS-50, SS-50C BUSS. Card size 9" x 5 $\frac{1}{4}$ ".



DSD UP 8255M.....\$17.00

The card uses INTEL'S 8255 PPI chip. 3 8 bit Latched I/O Ports or 2 8 bit Bi-directional Ports with full Handshake. Wire wrap area for full utilization of the 8255.

Wire wrap your own EPROM programmer, Number processor (57109), Clock interface D/A and A/D converters, Relay control interface and many more.

