# What's New at
# AMERICAN DESIGN COMPONENTS?

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**W**e warehouse 60,000 items at American Design Components–expensive, often hard-to-find components for sale at a fraction of their original cost!

You'll find every part you need—either brand new or removed from equipment (RFE) in excellent condition. But quantities are limited. Order from this ad, or visit our retail showroom and find exactly what you need from the thousands of items on display.

*Call Toll-Free:* (800) 524–0809

## THERE'S NO RISK!
With our 90-day warranty, any purchase can be returned for any reason for full credit or refund.

## ADAM ACCESSORIES...
**PRINTER**

Friction feed, Takes standard paper 8½ x 11".

Item #8839   New – **$69.50**

### COLECOVISION to ADAM EXPANSION KIT...

This expansion module just plugs into your ColecoVision. With printer power supply & data drive (both included), you will have a working Adam Computer. Adam keyboard, one Smart Basic cassette & hook-up diagram also included.

Item #9918   **$59.50**

**DATA DRIVE...**   Item #6641   **$19.95**
**PRINTER POWER SUPPLY...**   Item #6642   **$14.95**
**ASCII KEYBOARD...**   Item #6643   **$19.95**
**CONTROLLERS Set of 4)...**   Item #7013   **$9.95** RFE
**ADAM CASSETTES...**
Incl. Smart Basic, Buck Rogers & blank cassette. Item #7786
*Baker's Dozen* — **$19.95**
**ADAM DAISY PRINT WHEEL...**   Item #13305   **$3.95**
**ADAM RIBBON CARTRIDGE...**   Item #13306   **$3.95**
**NEW BLANK TAPES...**   Item #20868   4 for **$10.00**

## 5¼" HALF-HEIGHT HARD DISK DRIVE

10Mb
(ST212 Compatible)
Mfr – Tandon #TM252
Item #19704   New – **$99.00**

## ADAM 5¼" DISK DRIVE

Gives your *Adam* fast, reliable data storage & retrieval. Can hold up to 160Kb of information. Uses industry-standard SS/DD disks. Connects directly to your *Adam* memory console. Comes w/disk drive power supply, Disk Manager disk & owner's manual. Mfr — Coleco, model 7817.

Item #12830   New – **$199.00**

## DYNAMIC MEMORY BOARD
*Upgrade your computer's memory as your needs grow...*
**PC/XT Compatible**

★ 0-256Kb memory in 64Kb increments
★ Fully socketed for easy upgrade (IBM parity checking)
★ Memdisk: Simulates high-speed disk in RAM memory
★ Allows you to print while using the computer
★ Software included
Techmar #MU203010 (w/o RAM)
Item #19977   New – **$29.95**
★★ 64Kb RAM Upgrade
Set of 9 chips — Item #19983   **$17.50**

**PC/AT Compatible**
Single Slot, multi-function board, supports all PC/AT systems, incl. PC-DOS & Xenix.
★ Offers up to 1.5Mb of memory
★ 2 Serial Ports & 1 Parallel Port
★ Game Port & "Superpak" utility software w/Superdrive, Fastdisk, & Superspool incl.
AST Research "Advantage"
Item #20853   New – **$99.00**
★★ 64Kb RAM Upgrade
Set of 18 chips — Item #20854   **$35.00**
★★ 256Kb RAM Upgrade
Set of 18 chips — Item #20855   **$235.00**

## 5¼" FULL-HT. FLOPPY DISK DRIVES
*(IBM® Compatible)*

**48 TPI, 40 Track, Double Side/Double Density**
Mfr.– CDC 94095. Item #7928
New – **$79.00**   2 for **$150.00**

**48 TPI, 40 Track; SS/DD**
Single side/double density.
Mfr – Shugart #SA400 or equiv.
Item #1895
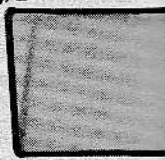**$39.50**   2 for **$79.00**

## 12" TTL MONITOR in Cabinet
*(Mounted on Swivel Base)*

Green phosphor. Input: 115VDC. Requires external 15VDC power source. Schematic & complete pin-out incl. Mfr – Zenith Radio #DS12MF100
Item #16477   **$39.95**

## High Resolution TTL MONITORS...
*(Open Frame)*

**9"– 12VDC**
Green phosphor
Schematic incl.
Motorola #MD2003-190
Item #17198   New – **$19.95**

**12"– 12VDC**, Green phosphor.
Subassemblies, CRT, board & transformer incl. Comes w/hook-up diagram.
Item #6811   New – **$19.95**

## MAGNIFYING LAMP

Multi-position, 30", completely adjustable swing arm with 3-way metal C-clamp. Has 4" diopter magnifying lens, w/ruler. Porcelain lamp socket & on/off switch; uses up to a 60W bulb. Color beige. UL listed.
Item #13136   New – **$29.95**

## 3½" MICROFLOPPY DISK DRIVE

1 Mb (unformatted), 135 TPI, 3 ms. acces time. Power requirements: +12, +5 volt moved from operational computers —
*TESTED — LIKE NEW!*
Mfr — NEC, model FD1035
Item #17171   **$79.0**
2 for **$15**

## ANTI-GLARE SCREENS
*Glare & reflection filters that improve speed, accuracy, & operator comfort...*

**IBM PC** Monochrome..................Item
**IBM PC** Color..................Item
**AT&T** Monochrome..................Item
**APPLE** Macintosh..................Item
**COMPAQ** Portable..................Item
New – **$8.95** ea.;   2 for **$1**

## STEPPING MOTORS for ROBOTICS...
*Precision steppers with increments from 1 to 7.5°. Speeds up to 5,000 steps.*

2"L x 2¼" dia. x 2¼"H

| Item No. | Step Angle | DC Voltage | Torque oz/in. | Typ |
|---|---|---|---|---|
| 7630 | 1.8° | 3.0 | 200 | PM |
| 16410 | 1.8° | 12.0 | 700* | PM |
| 16406 | 3.6° | 12.0 | 700* | PM |
| 7014 | 7.5° | 12.0 | 900* | PM |

*Grams per Cm.

## VOICE-ACTIVATED SWITCH

"Activate 'on' or 'off' with the sound of your voice, a whistle or clap..."
Ideal for robotics, lights, etc. Turns on w/the first sound & off w/th ond. Solid-state units w/adjust. sens. co pick-up microphone attached to PC boar Dim.: 2¾" x 3¹⁄₁₆" x ⁷⁄₈". VOX input: 6-can be used w/any standard battery.
Item #16440   3 switches   $

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**WE CARRY A COMPLETE LINE OF COMPUTER & GAME ACCESSORIES AND EQUIPMENT; ELECTRONIC COMPO SEMICONDUCTORS; MODULES; BATTERIES; & OPTICAL EQUIPMENT! ...PLEASE CALL OR WRITE WITH A**

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## HIGH-IMPACT CARRYING CASES...

*Black molded plastic cases, w/two twist-lock draw latches, center snap lock with key; & four bumper feet. Foam lined interiors can be customized to meet your needs by adding or removing foam.*

**Originally for CPU/Keyboard...**
OA dim.: 25" x 10" x 18½"
Item #20968   New – **$39.95**

**Originally for CRT/Printer...**
OA dim.: 25" x 14" x 18½"
Item #20969   New – **$49.95**

## SPECIALTY CHIPS...
SMART WATCH

## CPU FLOOR STAND...

*Gets your CPU off your desk! Fits CPUs up to 6½" wide. Molded plastic. Perfect for your XT or AT.*
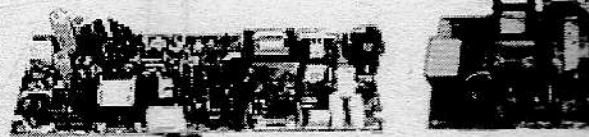Item #21156   New – **$9.95**

## MONITOR STAND...

*Raises Monitor 4½" off your desk!*
Monitor sits on top ↑
← Keyboard slides in here
Allows you to slide keyboard away when not in use. Putty colored steel; scratch resistant.
Dim.: 4½"H x 9½"W x 10½"D. *Fits the MAC perfectly!*
Item #19200   New – **$9.95**

PROTOTYPING DEVICE

## SWITCHING POWER SUPPLIES...
Input Voltage: 115/230VAC, 50/60Hz.

| Item No. | +5V | Output Voltages (DC) | | | Mfr. | Dimensions (L x W x H) |
|---|---|---|---|---|---|---|
| | | +12V | -12V | +24V | | |
| 17210 | 18.0 | 2.5 | 2.5 | | Sola | 13" x 4½" x 1¹⁄₂" |
| 17897* | 8.0 | 2.0 | 1.5 | | Power Systems | 8½" x 5" x 2¹⁄₂" |
| 17223 | 4.0 | .8 | .2 | | Power Systems | 8⅝" x 5½" x 2¹⁄ |
| 5353 | 3.0 | .17 | | 2.2 | Astec | 7⅜" x 6½" x 2" |

*Mounted on base

**A D C**

## AMERICAN DESIGN COMPONENTS
**YES!** Please send me the following items—