

Errata for the AVT-1850-1 User's Manual

13 February, 1999

Appendix A - Contents of the Distribution Disk

The installation disk for EOS contains the following files. These files are copied, during installation, to the hard disk drive of the host PC during installation.

Contents of \EOS directory:

INSTALL.EXE - The executable that creates the destination directory for the EOS program and files, unzips the EOS program and support files, and updates the AUTOEXEC.BAT file.

EOS.EXE - The EOS executable that provides the integrated environment for using the AVT-1850-1.

FIFO.H - The AVT-1850-1 program used by EOS.EXE to run FIFO diagnostics. This file must stay in the destination directory in order to run diagnostics.

HASM.DOC - User's documentation for the Harris 6805 assembler.

HASM.EXE - Harris 6805 assembler supplied for the EOS program. This file must stay in the destination directory in order for EOS to have the capability of assembling the users programs.

INIT.H - Bootstrap program run by EOS.EXE on the program's startup. This file must be in the destination directory in order to automatically bring the AVT-1850-1 up into a "good" state.

RAM_1.H - The AVT-1850-1 program used by EOS.EXE to run RAM1 diagnostics. This file must stay in the destination directory in order to run diagnostics.

RAM_2.H - The AVT-1850-1 program used by EOS.EXE to run RAM2 diagnostics. This file must stay in the destination directory in order to run diagnostics.

RAM_3.H - The AVT-1850-1 program used by EOS.EXE to run RAM3 diagnostics. This file must stay in the destination directory in order to run diagnostics.

RAM_4.H - The AVT-1850-1 program used by EOS.EXE to run RAM4 diagnostics. This file must stay in the destination directory in order to run diagnostics.

MONITOR.H - The AVT-1850-1 program used while in the Network Monitor mode. This program is automatically downloaded onto the AVT-1850-1 board and execution begun when the START/UPDATE button on the Network Monitor window is pressed.

MONITOR.S - The assembly language source code for the MONITOR.H program.

AUTOEXEC.EOS - This file is created by the installation program and contains the environment variables and the path declarations needed in order to run the EOS program. The installation program will update the AUTOEXEC.BAT file automatically with these values; however, if the user had requested that the program not do the automatic update, the lines in this file may be inserted manually.

In addition to the above files, the destination directory has two sub-directories: DIAG and SAMPLES. The DIAG sub-directory contains the source code for the diagnostic programs as well as the bootstrap program. These are here for educational reasons and should not be modified by the user.

Contents of the \EOS\DIAG directory:

FIFO.S - Source for the FIFO diagnostic program.
INIT.S - Source for the EOS bootstrap program.
RAM_1.S - Source for the RAM1 diagnostic program.
RAM_2.S - Source for the RAM2 diagnostic program.
RAM_3.S - Source for the RAM3 diagnostic program.
RAM_4.S - Source for the RAM4 diagnostic program.
TEST.TXT - Notes for the test programs.

The second sub-directory, SAMPLES, contains sample programs to assist the user in developing AVT-1850-1 software. These programs are offered without guarantees and should be viewed for educational purposes only.

Contents of the \EOS\SAMPLE directory:

CRC.S - Routine to calculate the CRC byte.
MEM_MAP.S - Contains the memory map of the AVT-1850-1 memory functions and locations.
NOTES1.TXT - Text file containing useful notes for the RCV_1, RCV_2, RCV_3, X&R_1, X&R_2, XMIT_1, XMIT_2, and XMIT_3 programs.
RCV_1.S - A program to only receive information from the J1850 bus.
RCV_2.S - A second program to only receive information from the J1850 bus.
RCV_3.S - A third program to only receive information from the J1850 bus.
X&R_1.S - A program that will transmit and receive a message on the J1850 bus.
X&R_2.S - A second program to transmit and receive messages on the J1850 bus.
XMIT_1.S - A program to only transmit a message.
XMIT_2.S - A second program to only transmit a message.
XMIT_3.S - A third program to only transmit a message.
X_AUTO.S - Source code for an automatic transmit program.
NOTES2.TXT - Notes on the use of the X_AUTO and MONITOR programs.