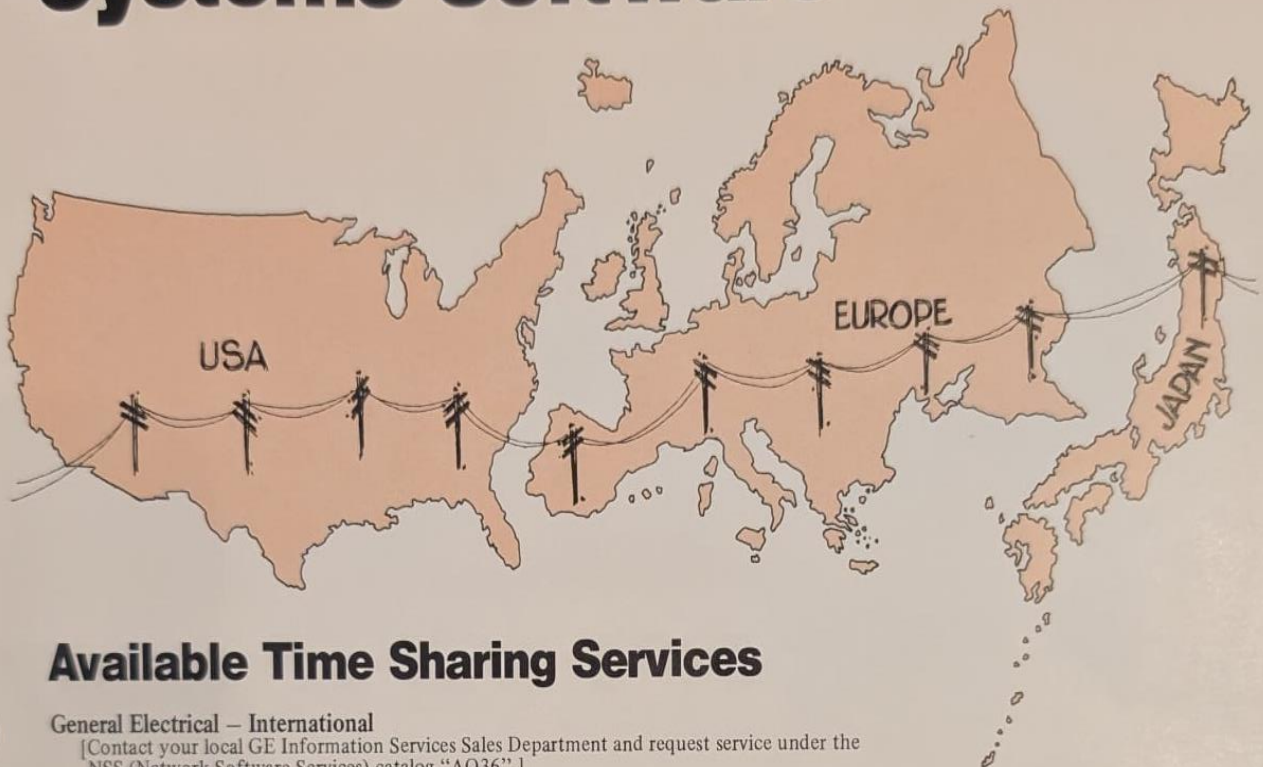




M6800 Time Sharing Systems Software



Available Time Sharing Services

General Electrical – International

[Contact your local GE Information Services Sales Department and request service under the NSS (Network Software Services) catalog "AQ36".]

Honeywell-Bull – Europe*

Dentsu – Japan*

*Contact your Motorola Field Sales Representative for information regarding use of these time-sharing services.

United Computing Systems – U.S.A.

[Contact your local UCS sales representative for service under catalog M437.]

Time Sharing computer systems provide immediate access to powerful, user-oriented file systems. Such systems, in conjunction with Motorola's Cross-Computer Software, represent cost-effective means for evaluation studies, small or one-time system designs, design projects requiring simultaneous computer access by more than one design team and for extending the capabilities of an In-House or Resident system. Background or remote batch provides deferred processing at a substantial cost saving.

Motorola's M6800 Time Sharing Software package includes the following programs:

MPCASM – Cross Assembler

MPSSIM – Simulator

M68MPL – Compiler

MPBVM – Build-Virtual Machine

HELP

MPCASM – Cross Assembler converts the assembly-language source statements into an object program consisting of machine-language instructions for the M6800 MPU. In addition to producing an assembly listing, the Cross Assembler provides a simulator control file.

MPSSIM – Interactive Simulator facilitates the checkout and error elimination in programs written for the M6800 by duplicating in a host computer the exact execution of the machine-language instructions in the program. It gives the user complete control over the program under test.

M68MPL – Compiler converts high-level language programs to M6800 assembly language. M68MPL is also available for In-House Computers.

MPBVM – Build-Virtual Machine permits the structuring of a program that duplicates the configuration of the actual programmable system. This enables the user to ensure that his programs fit the limits of the memory for his system under development.

The Build-Virtual-Machine program also provides merging and/or loading of object tape files into the memory (machine) file and the generation of object tape files for all or a portion of the memory file.

HELP is a program and a system of files that provide assistance to the engineer or programmer on the use of the software and the hardware. Also, **HELP** provides up-to-date information on improvements and new developments to the M6800 Microcomputer Family of parts and software.