TEXAS INSTRUMENTS

TMAM6095
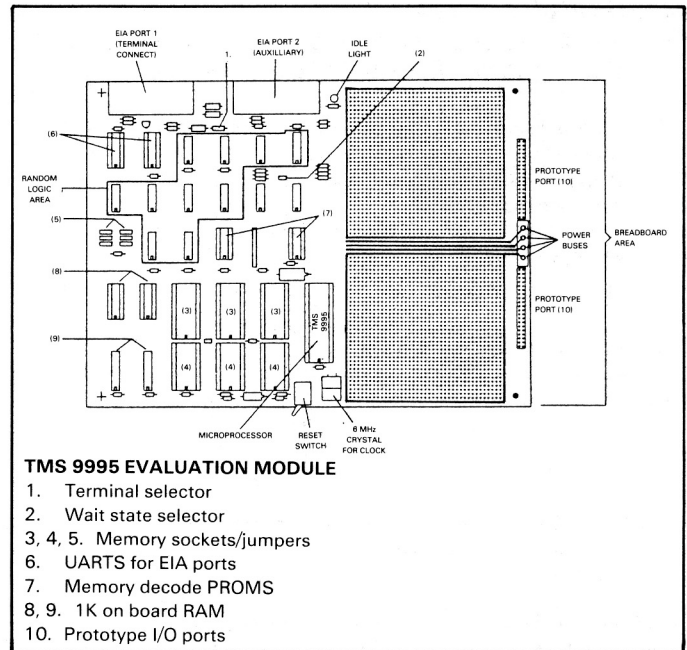
DATA SHEET

Development support for the TMS 9995 will become available in three phases:

1. TMS 9995 Evaluation Module (EVM)

FEATURES:
- Single board microcomputer system with TMS 9995 processor.
- Low cost evaluation for TMS 9995 systems.
- 6K software supplied include editor, assembler of debug monitor.
- 2 RS232 ports for local terminal and cost link.
- 3 user configurable 28 pin sockets for PROM, EPROM or RAM.
- Large prototyping area.

TMS 9995 EVALUATION MODULE
1. Terminal selector
2. Wait state selector
3, 4, 5. Memory sockets/jumpers
6. UARTS for EIA ports
7. Memory decode PROMS
8, 9. 1K on board RAM
10. Prototype I/O ports

The TMS 9995 EVM may be used alone or, with an RS232 link, with a TMAM 9000 series development system. Either a telytype or RS232 terminal may be used to control the EVM. Target systems may be built up using the RAM/ROM sockets, prototyping area and prototype ports.

2. TMS 995 EVM Emulator

FEATURES:
- In circuit emulator for TMS 9995 using EVM board as host.
- Stand alone or RS232 link to TMAM 9000 series system.
- Real time operation.
- No restrictions on target system.
- 8K bytes of on board memory (capable to target requirement).
- Hardware breakpoint with complete qualification.
- Address and data trace.

The combination of EVM and EVM emulator provides a complete in-circuit emulations facility for the TMS 9995. Code may be produced using the EVM or down loaded from a TMAM 9000 series system.

3. TMS 9995 AMPL STATION

FEATURES:
- AMPL station chassis.
- Emulator control and buffer unit for full speed no wait state operation.
- Logic state trace module with probes.
- 56K bytes emulator expansion memory giving full memory map without target present.
- Full control by AMPL utility.
- Internal memory cycle data trace.

The TMS 9995 AMPL station is similar to the TMAM 6001 series stations for the other processors in the TMS 9900 range. It is connected to a TMAM 9000 series development system and controlled by the AMPL utility and the AMPL language.

ORDERING INFORMATION:

TMAM 6093   TMS 9995 EVM Emulator
TMAM 6095   TMS 9995 Evaluation module