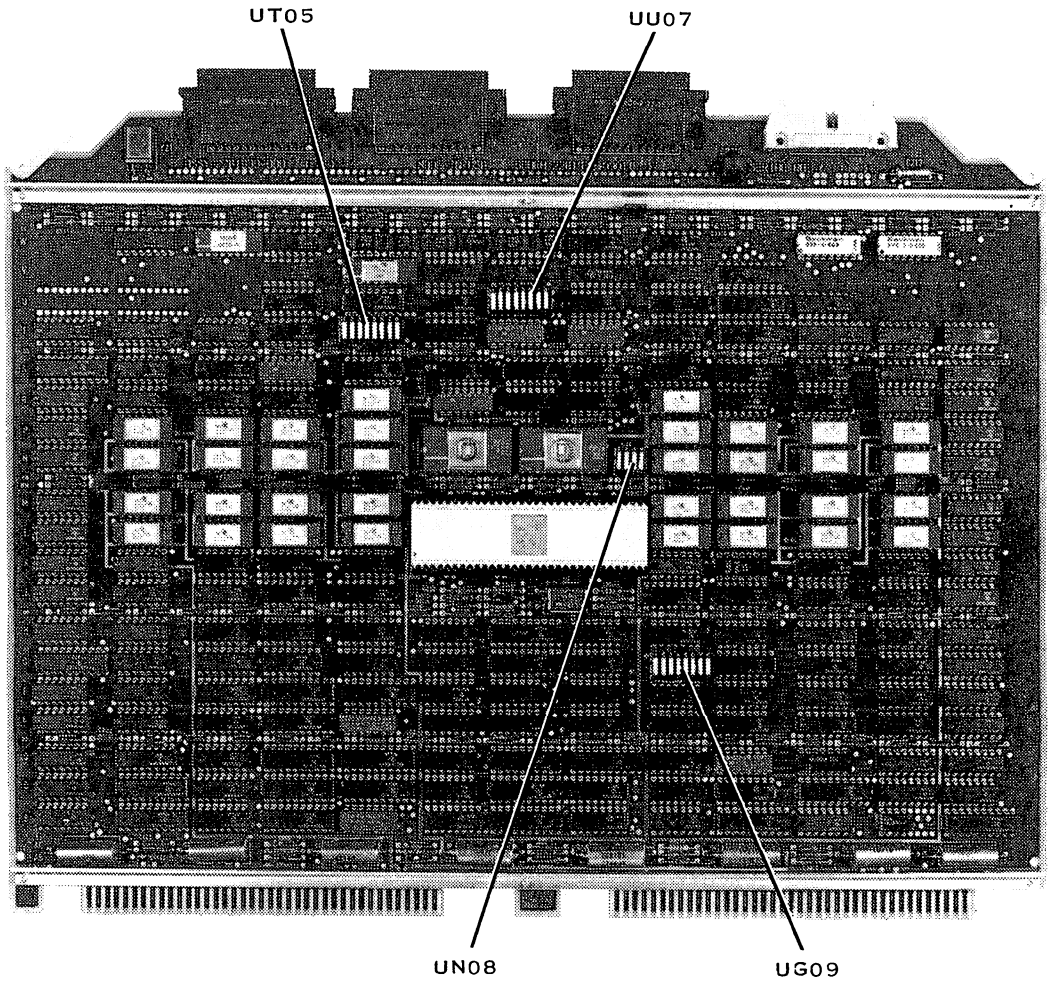

Figure 2-30. Option Switch Locations

Table 2-7. Location of Option Switches on the 990/5

Socket Position	Function with Switch in the "ON" Position	Normal Position
UG09-1	RESET causes power-up through load trap	ON
UG09-2	RESET causes power-up through reset trap	OFF
UG09-3	Real-time clock interrupt connects to interrupt level 15	OFF
UG09-4	Real-time clock interrupt connects to interrupt level 5	ON
UG09-5	Backpanel interrupt 5 connects to level 5	OFF
UG09-6	This unit functions as slave processor	OFF
UG09-7	32K Byte configuration	(32KB) -1 ON (64KB) -2 OFF
UG09-8	Disable ROM (for factory use only)	OFF
UN08-1	SPID0 MSB	ON for 0 OFF for 1
UN08-2	SPID1	
UN08-3	SPID2	
UN08-4	SPID3 LSB	
UT05-1	SASW0 MSB	ON for 0 OFF for 1
UT05-2	SASW1	
UT05-3	SASW2	
UT05-4	SASW3	
UT05-5	SASW4	
UT05-6	SASW5	
UT05-7	SASW6	
UT05-8	SASW7 (MSB)	

Slave Processor I.D.

TILINE Starting Address Switches

NOTE

ON represents a logic 0 TILINE address, i.e., the standard position; all switches ON represents 00000_{16}.

Table 2-7. Location of Option Switches on the 990/5 (Continued)

Socket Position	Function with Switch in the "ON" Position	Normal Position
UU07-1	Port 1 interrupt connected to interrupt level 8 (INT08)	ON
UU07-2	Port 2 interrupt connected to interrupt level 14 (INT14)	ON
UU07-3	Port 3 interrupt connected to interrupt level 6 (INT06)	ON
UU07-4	ID0 MSB	ON for 0 OFF for 1
UU07-5	ID1	
UU07-6	ID2	
UU07-7	ID3	
UU07-8	ID4 LSB	

Communication Station I.D. for TMS 9903 port

A failure at one of the communications ports causes the CRU base address of the failing port to flash five times on the programmer front panel indicators. This is followed by the FAULT, RUN, and IDLE indicators lighting. Troubleshooting Procedures and Corrective Maintenance/Fault Isolation Procedures are found in the *Model 990/5 Microcomputer Field Maintenance Manual*, part number 946295-9701.

2.12.2 MODEL 990/5 DIAGNOSTIC TESTS. After the successful completion of self-test, perform the AU05 and RAM05 tests outlined in the diagnostic handbook. To check out the 990/5, an input device for loading diagnostic software and an output device for messages are required. The input device may be a floppy disk, a disk cartridge, or a 733 ASR data terminal. The output device may be a 733 ASR, 743 KSR, or 820 KSR data terminal, an 810 printer, or a 911 VDT.

2.12.3 PERIPHERAL DIAGNOSTIC TESTS. After successfully completing the AU05 and RAM05 diagnostics, perform the appropriate peripheral diagnostics outlined in the diagnostic handbook.

NOTE

Peripheral field maintenance handbooks are listed in the preface to this user's manual.