MODULE STARTING ADDRESSES/INTERRUPT VECTORS

Any M7547 module you install must be set to the correct starting address and interrupt vector. The interrupt vector is set to 260 under program control. The vector for additional TK50 modules installed in the system becomes a floating vector, which is also set under program control.

The starting address of the first tape controller is fixed at 774500. Currently, there are two TMSCP devices -- TK50 and TU81 -- that can be assigned the fixed address of 774500, depending on system implementation. All other TK50 devices are installed in a floating address space of 760nnn (octal). The floating address space is set using the address jumpers on the M7547 module. Other TK50 devices are assigned other floating addresses based on system configuration. For example, if there are three TK50s in a system with no TU81, the first TK50 is assigned the fixed address of 775400, the second 760404, and the third 760444, for example. Table 5-1 shows the jumper connections for these addresses.

Table 5-1 Common Jumper Settings

774500	760404	760444
A12 o-o o-o o o 4 o o o-o o o 5 o-o o o o o 0 o o A2 o o 0 Unit Number 0	A12 o o o o o o 0 o o o-o o o 4 o o o o o o 0 o o A2 o-o 4 Unit Number 1	A12 o o o o o o 0 o o o-o o o 4 o o o-o o o 4 o o A2 o-o 4 Unit Number 2

Figure 5-5 shows the jumper settings for the fixed 774500 address.

MODULE NUMBER	FACTORY ADDRESS	ADDRESS BITS A13	A12	A11	A10	A9	A8	A7	A6	A5	A4	A3	A2	JUMPER SETTING (FACTORY)
		I	I	I	R	R	I	R	I	R	R	R	R	

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I = Jumper installed
R = Jumper removed
* The jumper nearest the module fingers is W12 which represents address bit 2.

Figure 5-5 Jumper Settings