



Micro Technology, Inc.

# MXV22 Configuration Guide

## FACTORY CONFIGURATION

### ADDRESS

- (X) Standard (777170)
- ( ) Dual (777170), (777174) & (777150)

### VECTOR

- (X) Standard (264)
- ( ) Dual (264) & (270)

### BOOTSTRAP

- (X) Disabled
- ( ) Enabled

### \*\*\*NOTE\*\*\*

Before enabling MXV22 Controller bootstrap, ensure that all other system bootstraps are disabled.

### BOOTSTRAP ADDRESS (U39)

- (X) MTI-1015A (Standard) MXV22-1
  - ( ) MTI-1018A (Standard) MXV22-4
  - ( ) MTI-1019A (Standard) MXV22-5
- See Address Vector Option Configuration

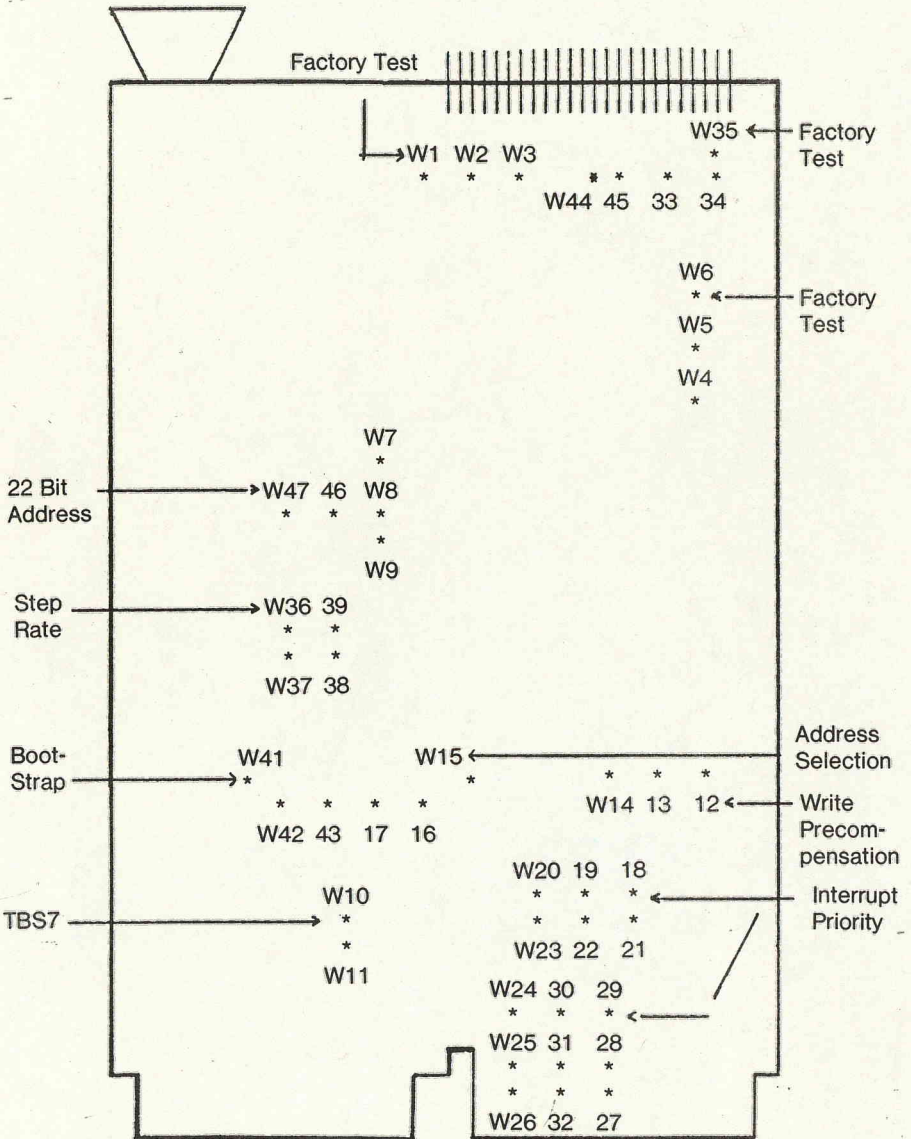
### STEP RATE SELECT

- ( ) (3 ms) Drives
- (X) (6-12ms) Drives

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# MXV22 Floppy Disk Controller



**MXV22 Jumper Locations**

JUMPERS

OPTION	BS7		WRITE PRECOMP		BOOTSTRAP		WRT PROT	22-BIT	FACTORY USE ONLY				
	W10-11	W12-13	W13-14	W41-42	W42-43	W44	W46-47	1-2	2-3	4-5	5-6	33-34	34-35
BOOTSTRAP ENABLED				IN	OUT								FACTORY INSTALLED - DO NOT REMOVE
BOOTSTRAP* DISABLED				OUT	IN								MUST ALWAYS BE OUT
WRITE PRECOMP* ENABLED		IN	OUT										FACTORY INSTALLED - DO NOT REMOVE
WRITE PRECOMP DISABLED		OUT	IN										MUST ALWAYS BE OUT
22-BIT ADDR ENABLED								IN					FACTORY INSTALLED - DO NOT REMOVE
22-BIT ADDR* DISABLED								OUT					MUST ALWAYS BE OUT
POWER FAIL* WRT PROT. ENABLED							IN						FACTORY INSTALLED - DO NOT REMOVE
POWER FAIL WRT PROT. DISABLED							OUT						MUST ALWAYS BE OUT
BANK SEL 7* ENABLED	IN												FACTORY INSTALLED - DO NOT REMOVE
BANK SEL 7 DISABLED	OUT												MUST ALWAYS BE OUT

\* Factory Preset

OPTION	JUMPERS		
	W15-16	W16-17	W7-8
Standard Primary Address & Vector*	OUT	IN	OUT
Dual Secondary Address & Vector	IN	OUT	IN

\* Factory Preset

Note: Vector is 264 for Primary Address, 270 for Secondary

### Address/Vector Selection

OPTION	JUMPERS	
	W51-52	W50-52
Primary Boot Address	IN	OUT
Secondary Boot Address	OUT	IN

### Boot Address Selection

MODEL NUMBER	TOP ASSY NUMBER	DEVICE ADDRESS		BOOT ADDRESS	
		PRIMARY	SECONDARY	PRIMARY	SECONDARY
MXV22 - 1	-107	777170	777150 & 777174	773000	773100
MXV22 - 4	-407	777170	777150	773000	773100
MXV22 - 5	-507	777170	777174	773000	776000

### Boot Address Configuration

STEP RATE	JUMPERS	
	DS1/DS2	DS3/DS4
	W36-37	W38-39
6-12 ms*	IN	IN
3 ms	OUT	OUT

\* Factory Preset

### Step Rate Selection

PRIORITY LEVEL	AS SERT	MONI TOR	JUMPERS									
			18-19	19-20	21-22	22-23	24-25	25-26	27-28	28-29	30-31	31-32
4*	4	5,6	Out	In	Out	In	In	Out	Out	In	In	Out
5	4,5	6	Out	In	In	Out	In	Out	Out	In	Out	In
6	4,6	7	In	Out	Out	In	Out	In	In	Out	In	Out
7	4,6,7	None	In	Out	In	Out	Out	In	In	Out	Out	In

\* Factory Preset

### Priority Level Selection