RSLogix Micro Project Report



tripper_GaryS_fixed_plus.RSS

Processor Information

Processor Type: Bul.1763 MicroLogix 1100 Series B

Processor Name: UNTITLED

Total Memory Used: 351 Instruction Words Used - 96 Data Table Words Used

Total Memory Left: 6305 Instruction Words Left

Program Files: 4

Data Files: 10

Program ID: 8133

I/O Configuration

				1/0 0	011.
0 1	Bul.1763	MicroLogix	1100	Series	В
2					
3					
4					

Channel Configuration

```
CHANNEL 0 (SYSTEM) - Driver: DF1 Full Duplex
  CHANNEL 0 (SYSTEM) - Driver: DF1 Full Duplex Edit Resource/Owner Timeout: 60 CHANNEL 0 (SYSTEM) - Driver: DF1 Full Duplex Passthru Link ID: 1
  CHANNEL 0 (SYSTEM) - Driver: DF1 Full Duplex Write Protected: No
  CHANNEL 0 (SYSTEM) - Driver: DF1 Full Duplex Comms Servicing Selection: Yes
  CHANNEL 0 (SYSTEM) - Driver: DF1 Full Duplex Message Servicing Selection: Yes
  CHANNEL 0 (SYSTEM) - Driver: DF1 Full Duplex 1st AWA Append Character: \d
  CHANNEL 0 (SYSTEM) - Driver: DF1 Full Duplex 2nd AWA Append Character: \a
  Source ID: 1 (decimal)
  Baud: 19200
  Parity: NONE
  Control Line : No Handshaking
  Error Detection: CRC
  Embedded Responses: Auto Detect
  Duplicate Packet Detect: Yes
  ACK Timeout (x20 ms): 50
  NAK Retries: 3
  ENQ Retries: 3
CHANNEL 1 (SYSTEM) - Driver: Ethernet
  CHANNEL 1 (SYSTEM) - Driver: Ethernet Edit Resource/Owner Timeout: 60
  CHANNEL 1 (SYSTEM) - Driver: Ethernet Passthru Link ID: 1
  CHANNEL 1 (SYSTEM) - Driver: Ethernet Write Protected: No
  CHANNEL 1 (SYSTEM) - Driver: Ethernet Comms Servicing Selection: Yes
  CHANNEL 1 (SYSTEM) - Driver: Ethernet Message Servicing Selection: Yes
  Hardware Address: 00:00:00:00:00:00
  IP Address: 0.0.0.0
  Subnet Mask: 0.0.0.0
  Gateway Address: 0.0.0.0
  Msg Connection Timeout (x 1mS):
  Msg Reply Timeout (x mS): 3000
  Inactivity Timeout (x Min): 30
  Bootp Enable: No
  Dhcp Enable Yes
  SNMP Enable: No
  HTTP Enable: Yes
  Auto Negotiate Enable: Yes
  Port Speed Enable: 10/100 Mbps Full Duplex/Half Duplex
  Contact:
```

Location:

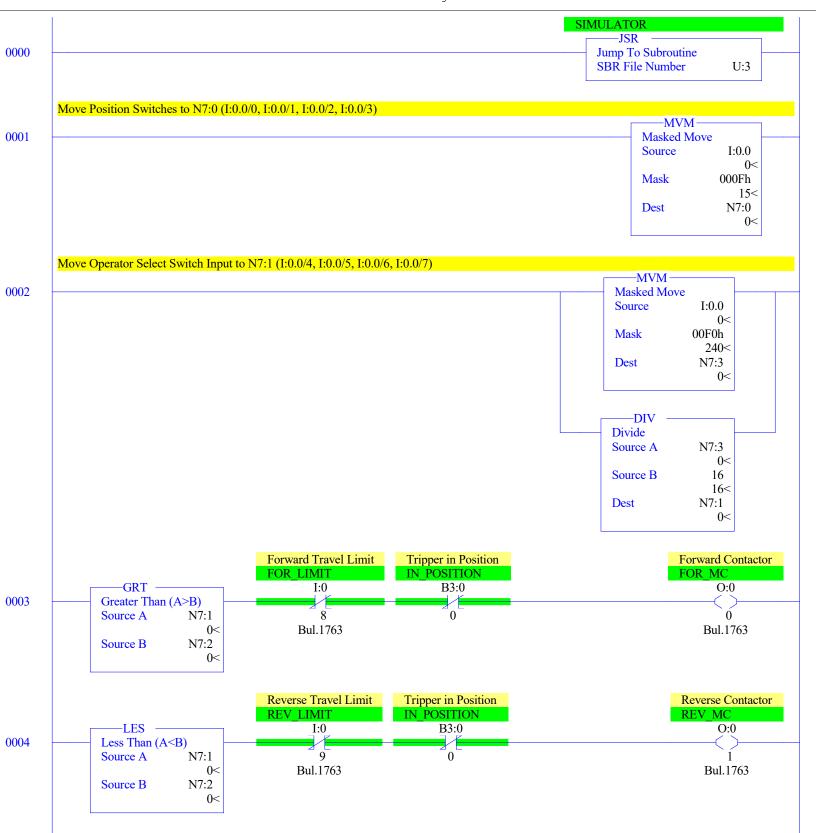
Program File List

Name	Number	Type	Rungs	Debug	Bytes	
[SYSTEM]	0	SYS	0	No	0	
,	1	SYS	0	No	0	
	2	LADDER	8	No	262	
SIMULATOR	3	LADDER	11	No	557	

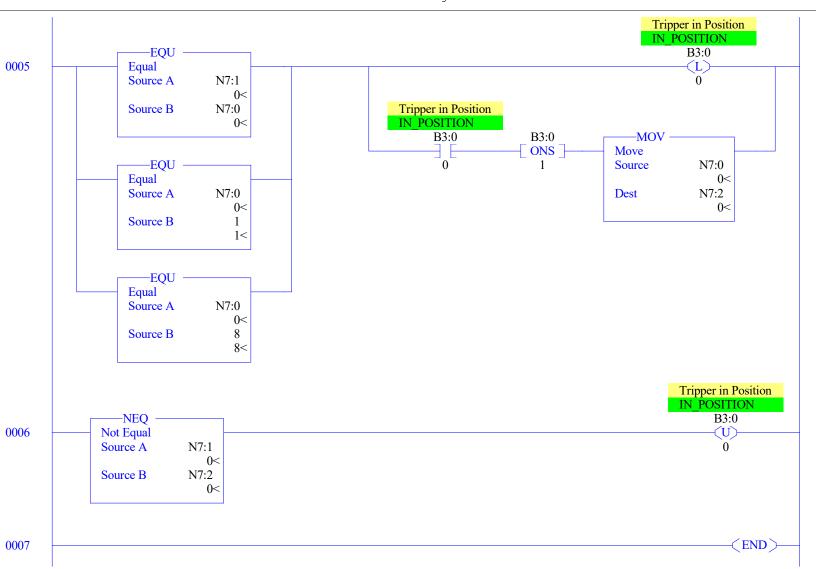
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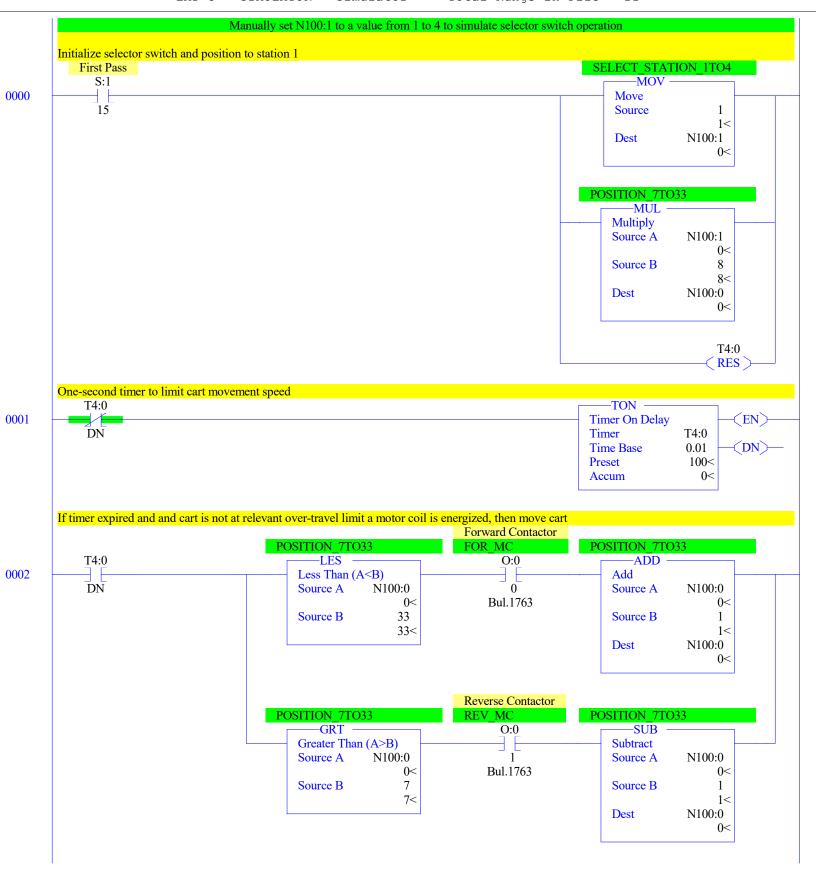
Data File List

Name	Number	Type	Scope	Debug	Words	Element	s Last
OUTPUT	0	O	Global	No	12	4	O:3
INPUT	1	I	Global	No	18	6	I:5
STATUS	2	S	Global	No	0	66	S:65
BINARY	3	В	Global	No	1	1	B3:0
TIMER	4	T	Global	No	3	1	T4:0
COUNTER	5	C	Global	No	3	1	C5:0
CONTROL	6	R	Global	No	3	1	R6:0
INTEGER	7	N	Global	No	4	4	N7:3
FLOAT	8	F	Global	No	2	1	F8:0
SIMUL_INTS	100	N	Global	No	50	50	N100:4

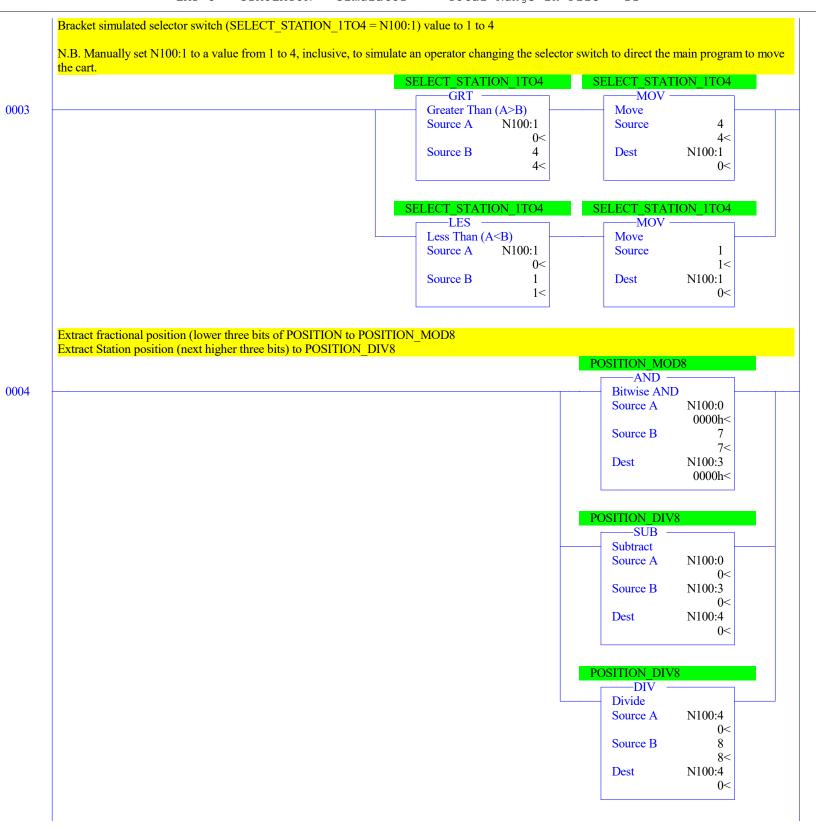


LAD 2 - --- Total Rungs in File = 8

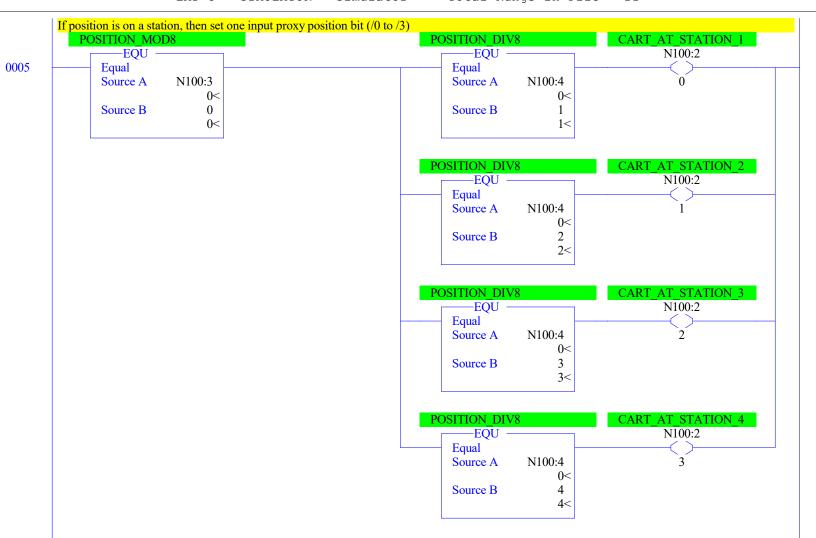


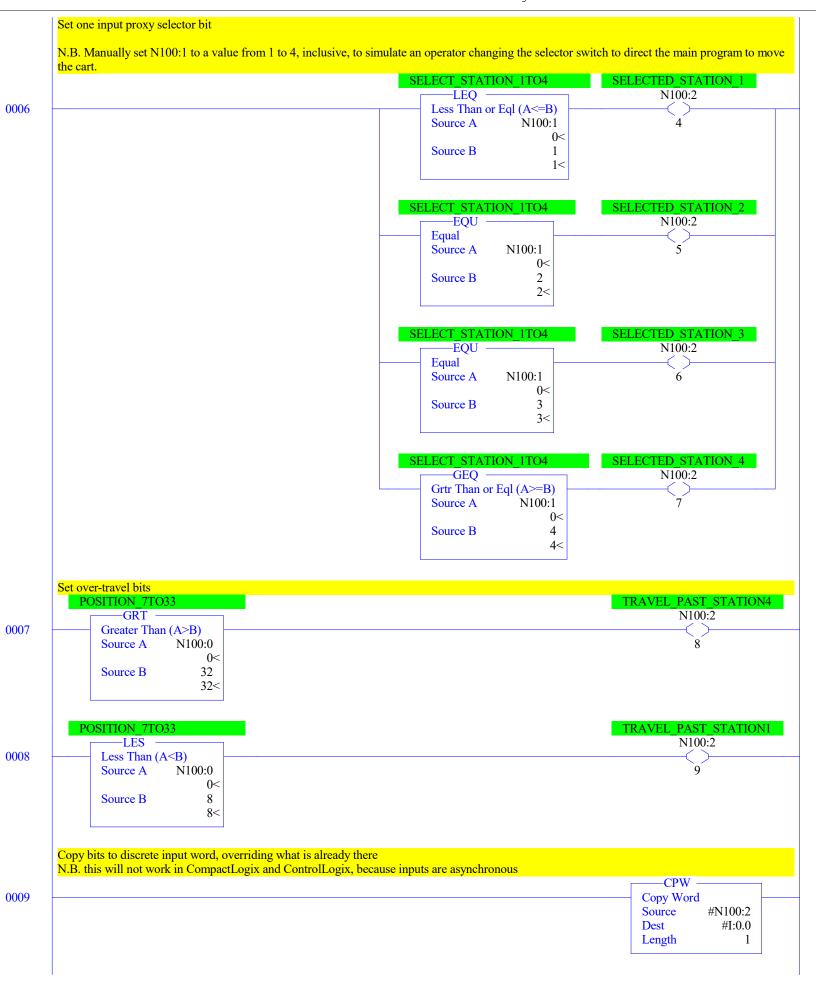


LAD 3 - SIMULATOR - Simulator --- Total Rungs in File = 11



LAD 3 - SIMULATOR - Simulator --- Total Rungs in File = 11





0010

-(END)

Data File OO (bin) -- OUTPUT

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0		
0:0.0	0																Bul.1763	MicroLogix 1100 Series B
0:0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1763	MicroLogix 1100 Series B
0:0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1763	MicroLogix 1100 Series B
0:0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1763	MicroLogix 1100 Series B

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0		
I:0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1763	MicroLogix 1100 Series B
I:0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1763	MicroLogix 1100 Series B
I:0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1763	MicroLogix 1100 Series B
I:0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1763	MicroLogix 1100 Series B
I:0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1763	MicroLogix 1100 Series B-Analog
I:0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Bul.1763	MicroLogix 1100 Series B-Analog

```
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```

```
Data File S2 (hex) -- STATUS
```

```
Processor Mode S:1/0 - S:1/4 = Remote Program Mode
On Power up Go To Run (Mode Behavior) S:1/12 = 0
First Pass S:1/15 = No
Free Running Clock S:4 = 0000-0000-0000

Proc

OS Catalog Number S:57 = 1100
OS Series S:58 = A
OS FRS S:59 =
Processor Catalog Number S:60 =
Processor Series S:61 = A
Processor FRN S:62 =
```

Scan Times

```
Maximum (x10 ms) S:22 = 0
Watchdog (x10 ms) S:3 (high byte) = 10
Last 100 uSec Scan Time S:35 = 0
Scan Toggle Bit S:33/9 = 0
```

Math

```
Math Overflow Selected S:2/14 = 0 Math Register (lo word) S:13 = 0 Overflow Trap S:5/0 = 0 Math Register (high word) S:14-S:13 = 0 Overflow S:0/0 = 0 Math Register (32 Bit) S:14-S:13 = 0 Overflow S:0/0 = 0 Sign Bit S:0/0 = 0 Sign Bit S:0/0 = 0
```

Chan 0

```
Processor Mode S:1/0- S:1/4 = Remote Program Mode

Node Address S:15 (low byte) = 0 Outgoing Msg Cmd Pending S:33/2 = 0

Baud Rate S:15 (high byte) = ?

Channel Mode S:33/3 = 0

Comms Active S:33/4 = 0

Incoming Cmd Pending S:33/0 = 0

Msg Reply Pending S:33/1 = 0
```

Debug

```
Suspend Code S:7 = 0
Suspend File S:8 = 0
```

Errors

```
Fault Override At Power Up S:1/8 = 0 Fault Routine S:29 = 0 Startup Protection Fault S:1/9 = 0 Major Error S:6 = 0h Major Error Balt S:1/13 = 0 Error Description: Control Register Error S:5/2 = 0 Error Description: Major Error Executing User Fault Rtn. S:5/3 = 0 Battery Low S:5/11 = 0 Input Filter Selection Modified S:5/13 = 0 ASCII String Manipulation error S:5/15 = 0
```

Protection

```
Deny Future Access S:1/14 = No
Data File Overwrite Protection Lost S:36/10 = False
```

Mem Module

```
Memory Module Loaded On Boot S:5/8 = 0
Password Mismatch S:5/9 = 0
Load Memory Module On Memory Error S:1/10 = 0
Load Memory Module Always S:1/11 = 0
On Power up Go To Run (Mode Behavior) S:1/12 = 0
Program Compare S:2/9 = 0
Data File Overwrite Protection Lost S:36/10 = 0
```

Forces

Forces Enabled S:1/5 = Yes Forces Installed S:1/6 = No Offset 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 (Symbol) Description

B3:0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Data File T4 -- TIMER

Offset EN TT DN BASE PRE ACC (Symbol) Description
T4:0 0 0 0 .01 sec 100 0

Data File C5 -- COUNTER

Offset CU CD DN OV UN UA PRE ACC (Symbol) Description
C5:0 0 0 0 0 0 0 0

Data File R6 -- CONTROL

Offset EN EU DN EM ER UL IN FD LEN POS (Symbol) Description R6:0 0 0 0 0 0 0 0 0

Data File N7 (dec) -- INTEGER

Offset 0 1 2 3 4 5 6 7 8 9
N7:0 0 0 0

Data File F8 -- FLOAT

Offset 0 1 2 3 4

F8:0 0

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Data File N100 (dec) -- SIMUL_INTS

Offset	0	1	2	3	4	5	6	7	8	9	
N100:0 N100:10	0	0	0	0	0	0	0	0	0	0	
N100:20 N100:30 N100:40	0 0	0 0 0	0 0	0 0 0	0 0	0 0	0 0	0 0 0	0 0 0	0 0	

Address/Symbol Database

Dev. Code AB

Address/Symbol Database

Address S:29 S:30 S:31 S:32 S:33/3 S:33/1 S:33/2 S:33/3 S:33/4 S:33/5 S:33/6 S:33/7 S:33/8 S:33/9 S:33/10 S:33/10 S:33/11 S:33/12 S:33/13 S:33/14 S:33/15 S:33/15 S:33/15	Symbol	Scope	Description User Fault Routine File Number STI Setpoint STI File Number I/O Interrupt Executing Extended Proc Status Control Word Incoming Command Pending Message Reply Pending Outgoing Message Command Pending	Sym Group	Dev. Code	AB
S:30 S:31 S:32 S:33/0 S:33/1 S:33/2 S:33/3 S:33/4 S:33/5 S:33/6 S:33/7 S:33/7 S:33/8 S:33/9 S:33/10 S:33/11 S:33/12 S:33/14 S:33/14 S:33/15			STI Setpoint STI File Number I/O Interrupt Executing Extended Proc Status Control Word Incoming Command Pending Message Reply Pending			
S:31 S:32 S:33 S:33/0 S:33/1 S:33/2 S:33/3 S:33/4 S:33/5 S:33/6 S:33/7 S:33/8 S:33/9 S:33/10 S:33/11 S:33/12 S:33/14 S:33/13 S:33/14 S:33/15			STI File Number I/O Interrupt Executing Extended Proc Status Control Word Incoming Command Pending Message Reply Pending			
S:32 S:33 S:33/0 S:33/0 S:33/1 S:33/2 S:33/3 S:33/4 S:33/6 S:33/6 S:33/7 S:33/8 S:33/1 S:33/11 S:33/11 S:33/13 S:33/14 S:33/15			I/O Interrupt Executing Extended Proc Status Control Word Incoming Command Pending Message Reply Pending			
8:33 8:33/0 8:33/1 8:33/2 8:33/2 8:33/4 8:33/5 8:33/6 8:33/7 8:33/6 8:33/7 8:33/1 8:33/1 8:33/1 8:33/13 8:33/13 8:33/14			Extended Proc Status Control Word Incoming Command Pending Message Reply Pending			
8:33/0 8:33/1 8:33/2 8:33/3 8:33/4 8:33/5 8:33/6 8:33/7 8:33/8 8:33/9 8:33/10 8:33/11 8:33/12 8:33/13 8:33/14 8:33/15			Incoming Command Pending Message Reply Pending			
8:33/1 8:33/2 8:33/3 8:33/4 8:33/5 8:33/6 8:33/7 8:33/8 8:33/8 8:33/1 8:33/10 8:33/11 8:33/12 8:33/13 8:33/14 8:33/15			Message Reply Pending			
8:33/3 8:33/4 8:33/5 8:33/6 8:33/7 8:33/8 8:33/9 8:33/10 8:33/11 8:33/12 8:33/13 8:33/13						
8:33/4 8:33/5 8:33/6 8:33/7 8:33/8 8:33/9 8:33/10 8:33/11 8:33/12 8:33/13 8:33/13						
8:33/5 8:33/6 8:33/7 8:33/8 8:33/9 8:33/10 8:33/11 8:33/12 8:33/13 8:33/14 8:33/15			Selection Status User/DF1			
S:33/6 S:33/7 S:33/8 S:33/9 S:33/10 S:33/11 S:33/12 S:33/13			Communicat Active			
S:33/7 S:33/8 S:33/9 S:33/10 S:33/11 S:33/12 S:33/13 S:33/14			Communicat Servicing Selection			
S:33/8 S:33/9 S:33/10 S:33/11 S:33/12 S:33/13 S:33/14 S:33/15			Message Servicing Selection Channel 0 Message Servicing Selection Channel 1			
S:33/9 S:33/10 S:33/11 S:33/12 S:33/13 S:33/14 S:33/15			Interrupt Latency Control Flag			
S:33/10 S:33/11 S:33/12 S:33/13 S:33/14 S:33/15			Scan Toggle Flag			
S:33/12 S:33/13 S:33/14 S:33/15			Discrete Input Interrupt Reconfigur Flag			
S:33/13 S:33/14 S:33/15			Online Edit Status			
S:33/14 S:33/15			Online Edit Status			
S:33/15			Scan Time Timebase Selection			
			DTR Control Bit			
			DTR Force Bit Pass-thru Disabled			
S:34/0			Pass-Thru Disabled Flag			
S:34/1			DH+ Active Node Table Enable Flag			
S:34/2			Floating Point Math Flag Disable, Fl			
S:35			Last 1 ms Scan Time			
S:36			Extended Minor Error Bits			
S:36/8			DII Lost			
S:36/9			STI Lost			
S:36/10 S:37			Memory Module Data File Overwrite Protection Clock Calendar Year			
S:38			Clock Calendar Month			
S:39			Clock Calendar Day			
S:40			Clock Calendar Hours			
S:41			Clock Calendar Minutes			
S:42			Clock Calendar Seconds			
S:43 S:44			STI Interrupt Time			
S:45			I/O Event Interrupt Time DII Interrupt Time			
S:46			Discrete Input Interrupt- File Number			
S:47			Discrete Input Interrupt- Slot Number			
S:48			Discrete Input Interrupt- Bit Mask			
S:49			Discrete Input Interrupt- Compare Value			
S:50			Processor Catalog Number			
S:51			Discrete Input Interrupt- Return Number			
S:52 S:53			Discrete Input Interrupt- Accumulat Reserved/ Clock Calendar Day of the Week			
S:55			Last DII Scan Time			
S:56			Maximum Observed DII Scan Time			
S:57			Operating System Catalog Number			
S:58			Operating System Series			
S:59			Operating System FRN			
S:61			Processor Series			
S:62 S:63			Processor Revision User Program Type			
S:64			User Program Functional Index			
S:65			User RAM Size			
S:66			Flash EEPROM Size			
S:67			Channel O Active Nodes			
S:68			Channel O Active Nodes			
S:69			Channel O Active Nodes			
S:70 S:71			Channel 0 Active Nodes Channel 0 Active Nodes			
S:72			Channel O Active Nodes			
s:73			Channel O Active Nodes			
S:74			Channel O Active Nodes			
S:75			Channel O Active Nodes			
s:76			Channel O Active Nodes			
S:77			Channel O Active Nodes			
S:78			Channel O Active Nodes			
S:79 S:80			Channel 0 Active Nodes Channel 0 Active Nodes			
S:80 S:81			Channel O Active Nodes Channel O Active Nodes			
S:82			Channel O Active Nodes			
S:83			DH+ Active Nodes			
S:84			DH+ Active Nodes			
S:85			DH+ Active Nodes			
S:86 U:3			DH+ Active Nodes			
	SIMULATOR	Global				

Address Instruction Description

Group_Name Description