RSLogix Micro Project Report



Processor Information

Processor Type: Bul.1763 MicroLogix 1100 Series B

Processor Name: UNTITLED

Total Memory Used: 345 Instruction Words Used - 96 Data Table Words Used

Total Memory Left: 6311 Instruction Words Left

Program Files: 4

Data Files: 10
Program ID: b11c

I/O Configuration

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2		
3		
1		

Bul.1763

MicroLogix 1100 Series B

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:

tripper_GaryS_fixed.RSS

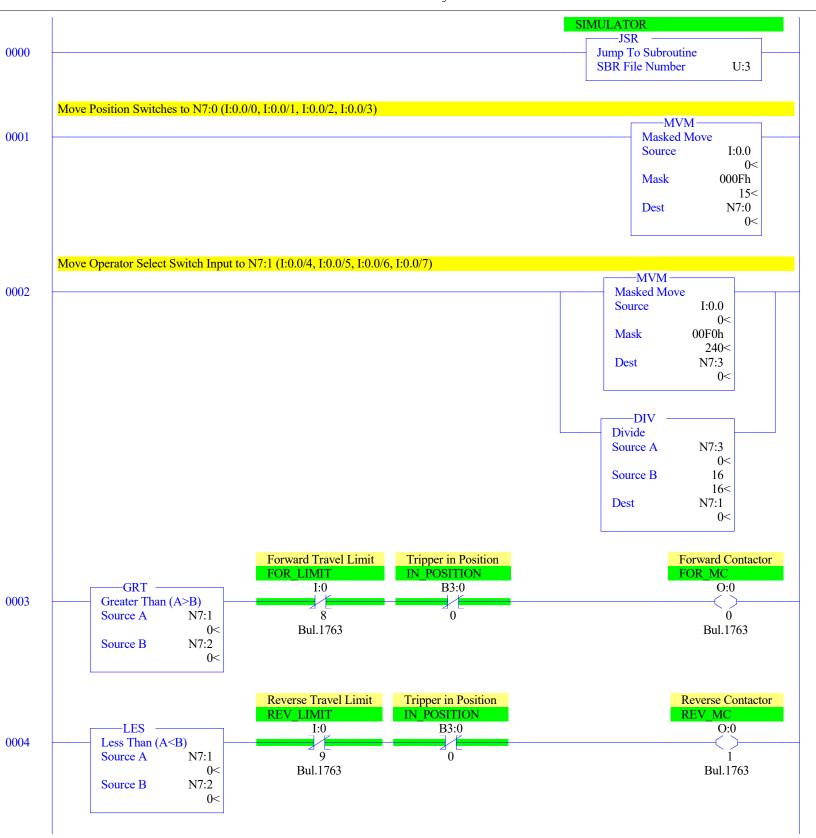
Program File List

Name	Number	Type	Rungs	Debug	Bytes	
[SYSTEM]	0	SYS	0	No	0	
	1	SYS	0	No	0	
	2	LADDER	8	No	228	
SIMULATOR	3	LADDER	11	No	557	

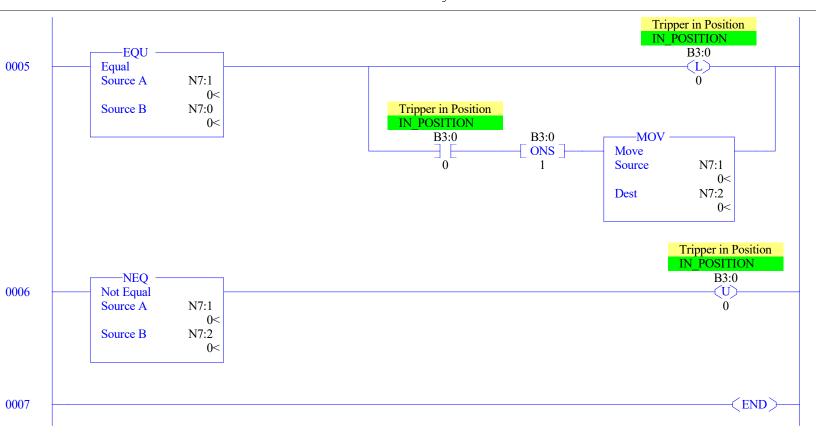
tripper_GaryS_fixed.RSS

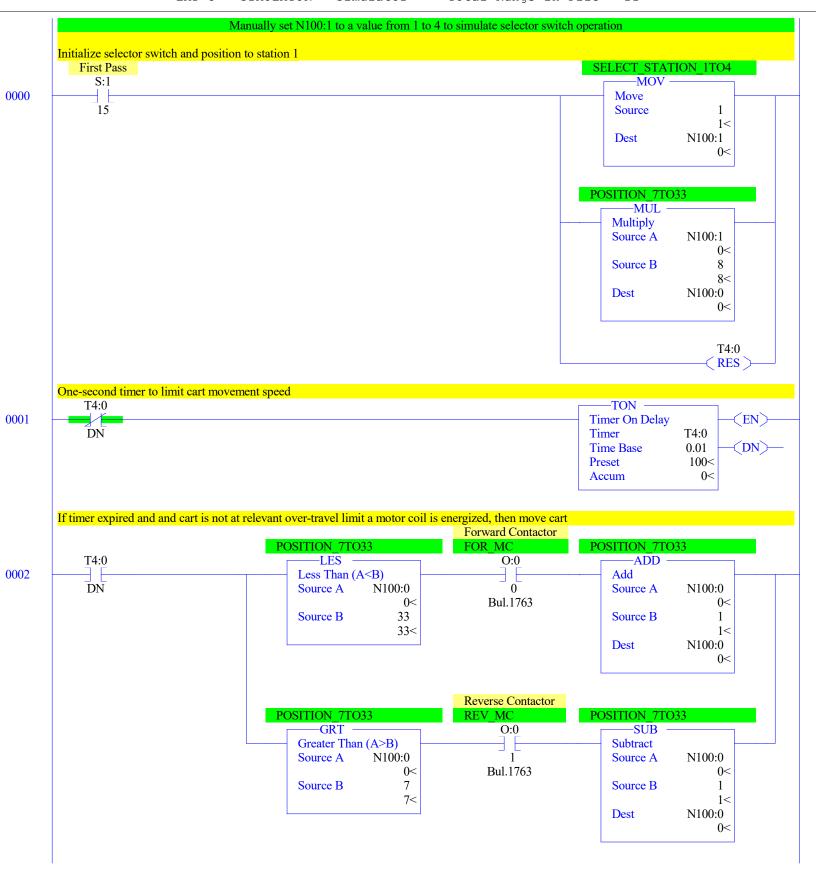
Data File List

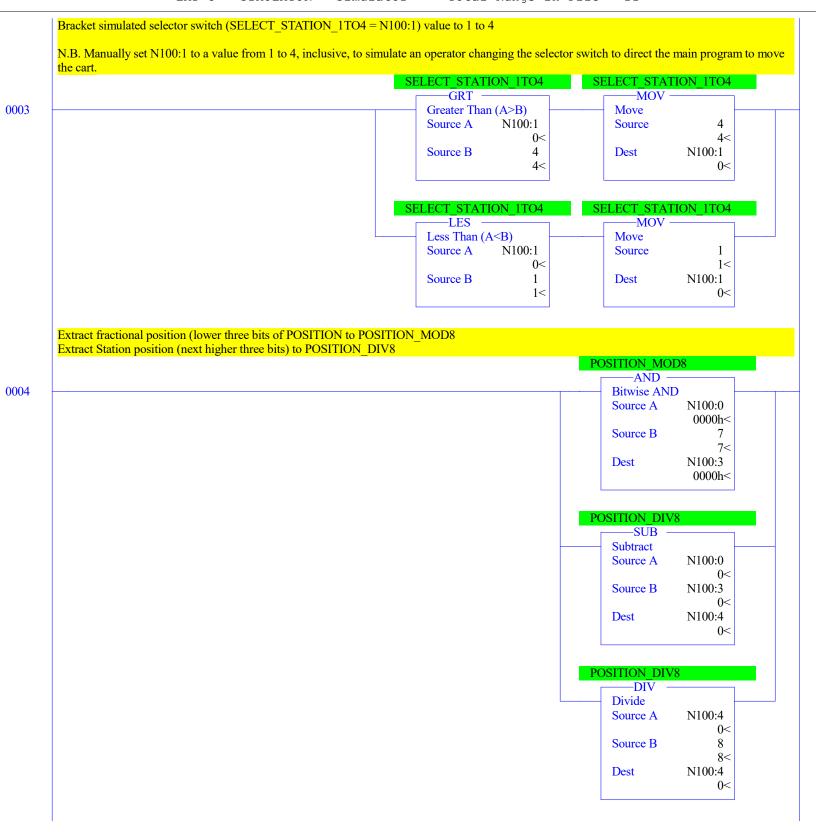
Name	Number	Туре	Scope	Debug	Words	Elements	s Last
OUTPUT	0	O	Global	No	12	4	O:3
INPUT	1	I	Global	No	18	6	I:5
STATUS	2	S	Global	No	0	66	S:65
BINARY	3	В	Global	No	1	1	B3:0
TIMER	4	T	Global	No	3	1	T4:0
COUNTER	5	C	Global	No	3	1	C5:0
CONTROL	6	R	Global	No	3	1	R6:0
INTEGER	7	N	Global	No	4	4	N7:3
FLOAT	8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



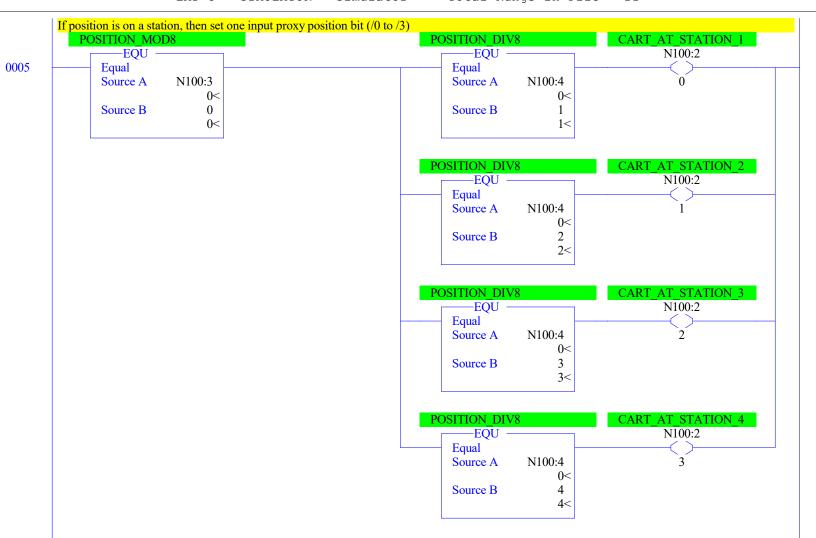
LAD 2 - --- Total Rungs in File = 8

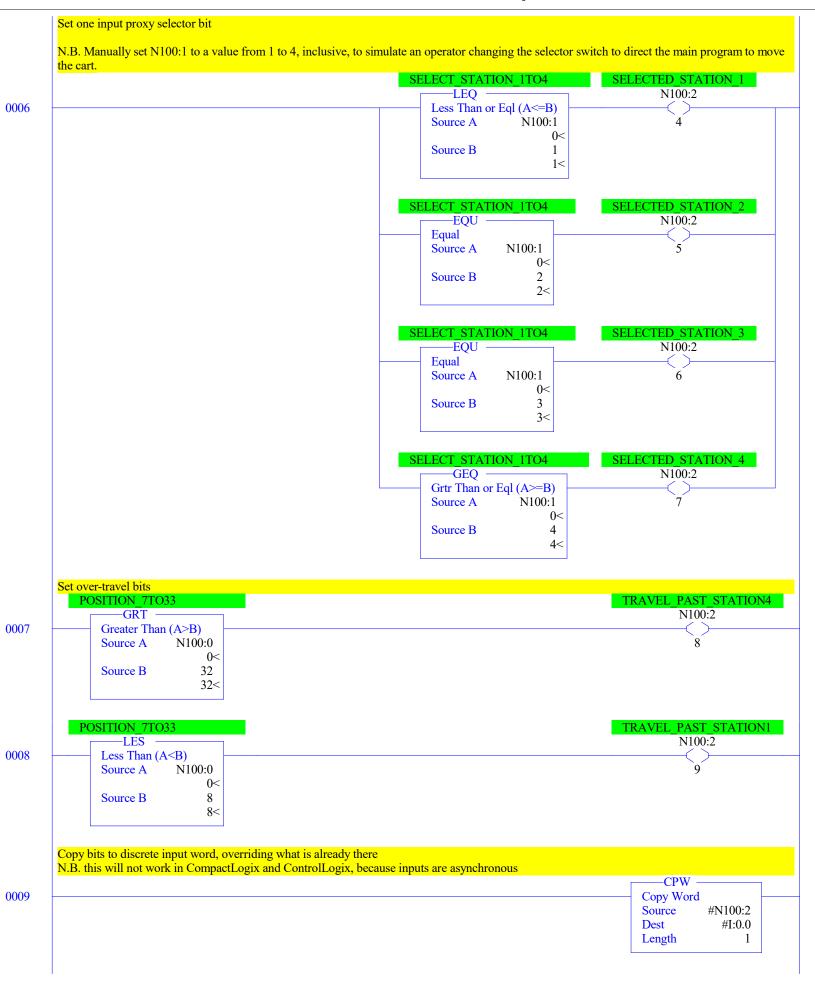






LAD 3 - SIMULATOR - Simulator --- Total Rungs in File = 11





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	0	0	0	0	0	0	0	0	0	0	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

Data File I1 (bin) -- INPUT

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
T • 0 5	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Ω	Bul 1763	MicroLogix 1100 Series B-Analog

Data File S2 (hex) -- STATUS

```
Main
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 = 0000-0000-0000-0000
Proc
OS Catalog Number S:57 = 1100
                                        User Program Type S:63 = 8001h
OS Series S:58 = A
                                        Compiler Revision Number S:64 =
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
Carry S:0/0 = 0
                                             Math Register (32 Bit) S:14-S:13 = 0
Overflow S:0/1 = 0
Zero Bit S:0/2 = 0
Sign Bit S:0/3 = 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 Halt S:1/13 = 0
Overflow Trap S:5/0 = 0
                                             Error Description:
```

```
Control Register Error S:5/2 = 0
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 Data File B3 (bin) -- BINARY

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

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

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

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

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Data File N7 (dec) -- INTEGER

Offset 0 1 2 3 4 5 6 7 8 9

N7:0 0 0 0 0

Offset 0 1 2 3 4

F8:0 0

tripper_GaryS_fixed.RSS

				Data	File N1	00 (dec)		SIMUL_	INTS		
Offset	0	1	2	3	4	5	6	7	8	9	
N100:0	0	0	0	0	0	0	0	0	0	0	
N100:10	0	0	0	0	0	0	0	0	0	0	
N100:20	0	0	0	0	0	0	0	0	0	0	
N100:30	0	0	0	0	0	0	0	0	0	0	
N100:40	0	0	0	0	0	0	0	0	0	0	

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group	Dev. Code
B3:0/0 I:0/8 I:0/9	IN_POSITION FOR_LIMIT REV_LIMIT	Global	Tripper in Position Forward Travel Limit Reverse Travel Limit		
I:0.4 N100:0 N100:1 N100:2 N100:2/0 N100:2/1 N100:2/2 N100:2/2 N100:2/3 N100:2/4 N100:2/5 N100:2/6 N100:2/7 N100:2/8 N100:2/9	POSITION_7TO33 SELECT_STATION_1TO4 INPUT_PROXY CART_AT_STATION_1 CART_AT_STATION_2 CART_AT_STATION_3 CART_AT_STATION_4 SELECTED_STATION_1 SELECTED_STATION_2 SELECTED_STATION_2 SELECTED_STATION_3 SELECTED_STATION_4 TRAVEL_PAST_STATION4 TRAVEL_PAST_STATION1	Global Global Global Global Global Global Global Global Global Global Global Global			
N100:2/9 N100:2/[N100:4] N100:3 N100:4 0:0/0 0:0/1 S:0/2 S:0/1 S:0/2 S:0/3 S:1 S:1/0 S:1/1 S:1/2 S:1/4 S:1/5 S:1/6 S:1/7 S:1/8 S:1/10 S:1/11 S:1/12 S:1/13 S:1/14 S:1/15 S:2/0 S:2/1 S:2/1 S:2/2 S:2/3 S:2/4 S:2/5 S:2/6 S:2/7 S:2/6 S:2/7 S:2/15 S:3 S:5/0 S:5/2 S:5/3 S:5/4 S:5/9 S:5/10 S:5/1 S:6 S:7 S:8 S:9 S:10 S:11 S:12 S:13 S:14 S:15 S:17 S:18 S:10 S:20 S:21	TRAVEL_PAST_STATION1 POSITION_MOD8 POSITION_DIV8 FOR_MC REV_MC	Global Global Global Global Global	Forward Contactor Reverse Contactor Arithmetic Flags Processor Arithmetic Carry Flag Processor Arithmetic Underflow/ Overflow Flag Processor Arithmetic Zero Flag Processor Arithmetic Sign Flag Processor Mode Status/ Control Processor Mode Bit 0 Processor Mode Bit 1 Processor Mode Bit 2 Processor Mode Bit 3 Processor Mode Bit 3 Processor Mode Bit 4 Forces Enabled Forces Present Comms Active Fault Override at Powerup Startup Protection Fault Load Memory Module on Memory Error Load Memory Module Always Load Memory Module Always Load Memory Module Always Load Memory Module Always STI Enabled First Pass STI Pending STI Enabled STI Executing Index Addressing File Range Saved with Debug Single Step DH-485 Incoming Command Pending DH-485 Outgoing Message Command Pending Comms Servicing Selection Current Scan Time/ Watchdog Scan Time Time Base Overflow Trap Control Register Error Major Err Detected Executing UserFault Routine MO-MI Referenced on Disabled Slot Memory Module Boot Memory Module Boot Memory Module Password Mismatch STI Overflow Battery Low Major Error Fault Code Suspend File Active Nodes I/O Slot Enables I/O Slot Enables I/O Slot Enables I/O Slot Enables Math Register M		
S:22 S:23 S:24 S:25 S:26			Maximum Observed Scan Time Average Scan Time Index Register I/O Interrupt Pending I/O Interrupt Pending		

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group	Dev. Code
S:27			I/O Interrupt Enabled		
S:28			I/O Interrupt Enabled		
S:29			User Fault Routine File Number		
S:30 S:31			STI Setpoint STI File Number		
S:32			I/O Interrupt Executing		
S:33			Extended Proc Status Control Word		
s:33/0			Incoming Command Pending		
S:33/1			Message Reply Pending		
S:33/2			Outgoing Message Command Pending		
S:33/3 S:33/4			Selection Status User/DF1 Communicat Active		
S:33/4 S:33/5			Communicat Servicing Selection		
S:33/6			Message Servicing Selection Channel 0		
S:33/7			Message Servicing Selection Channel 1		
S:33/8			Interrupt Latency Control Flag		
S:33/9			Scan Toggle Flag		
S:33/10			Discrete Input Interrupt Reconfigur Flag		
S:33/11 S:33/12			Online Edit Status Online Edit Status		
S:33/12 S:33/13			Scan Time Timebase Selection		
S:33/14			DTR Control Bit		
S:33/15			DTR Force Bit		
S:34			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 S:36			Last 1 ms Scan Time Extended Minor Error Bits		
S:36/8			DII Lost		
S:36/9			STI Lost		
S:36/10			Memory Module Data File Overwrite Protection		
S:37			Clock Calendar Year		
S:38			Clock Calendar Month		
S:39 S:40			Clock Calendar Day Clock Calendar Hours		
S:41			Clock Calendar Minutes		
S:42			Clock Calendar Seconds		
S:43			STI Interrupt Time		
S:44			I/O Event Interrupt Time		
S:45			DII Interrupt Time		
S:46			Discrete Input Interrupt- File Number		
S:47 S:48			Discrete Input Interrupt- Slot Number		
S:49			Discrete Input Interrupt- Bit Mask Discrete Input Interrupt- Compare Value		
S:50			Processor Catalog Number		
S:51			Discrete Input Interrupt- Return Number		
S:52			Discrete Input Interrupt- Accumulat		
S:53			Reserved/ Clock Calendar Day of the Week		
S:55 S:56			Last DII Scan Time 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			Processor Revision		
S:63			User Program Type		
S:64 S:65			User Program Functional Index 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			Channel O Active Nodes		
S:71			Channel 0 Active Nodes Channel 0 Active Nodes		
S:72 S:73			Channel O Active Nodes Channel O Active Nodes		
S:74			Channel 0 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	CIMILI AMOD	Clahai	DH+ Active Nodes		
U:3	SIMULATOR	Global			

Address Instruction Description

Group_Name Description