# RSLogix Micro Project Report



#### Processor Information

Processor Type: Bul.1763 MicroLogix 1100 Series B

Processor Name: UNTITLED

Total Memory Used: 391 Instruction Words Used - 85 Data Table Words Used

Total Memory Left: 6265 Instruction Words Left

Program Files: 3

Data Files: 11

Program ID: 9909

# I/O Configuration

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1		
2		
3		
4		

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: 00:0F:73:00:2F:A5
  IP Address: 192.168.1.10
  Subnet Mask: 255.255.255.0
  Gateway Address: 0.0.0.0
  Msg Connection Timeout (x 1mS):
  Msg Reply Timeout (x mS): 3000
  Inactivity Timeout (x Min):
  Bootp Enable: No
  Dhcp Enable No
  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	6	No	291	

REJECT\_TRACKING\_B.RSS

Data File List

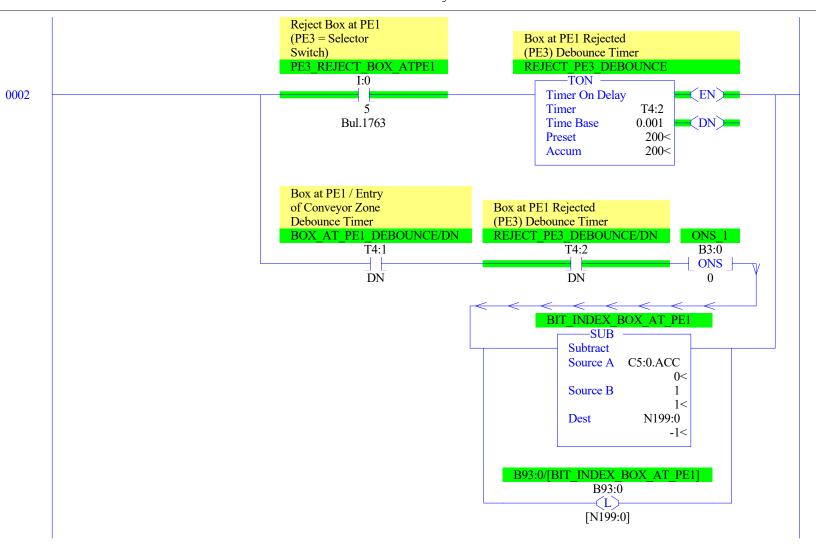
Name	Number	Type	Scope	Debug	Words	Elements	Last
OUTPUT	0	0	Global	No	12	4	O:3
INPUT	1	I	Global	No	18	6	I:5
STATUS	2	S	Global	No	0	66	S:65
BINARY	3	В	Global	No	10	10	B3:9
TIMER	4	T	Global	No	15	5	T4:4
COUNTER	5	C	Global	No	15	5	C5:4
CONTROL	6	R	Global	No	3	1	R6:0
INTEGER	7	N	Global	No	1	1	N7:0
FLOAT	8	F	Global	No	2	1	F8:0
BIT_ARRAY	93	В	Global	No	4	4	B93:3
NUM_BOXES	199	N	Global	No	5	5	N199:

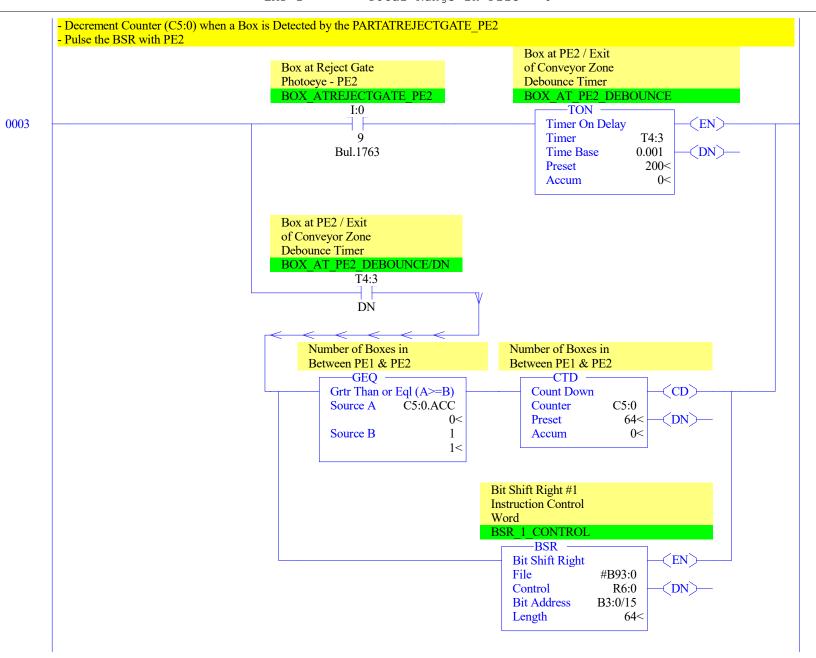
#### Pass per-item reject status, determined at upstream event, to downstream event Cf. https://www.plctalk.net/qanda/showthread.php?t=124552 **Process** Boxes on a conveyor; three (3) PhotoEye stations (PE1; PE2 & PE3) A Box at Station #1 is Detected by PE1 Increment a Counter for Each Box that Passes PE1 Each box's status judged as [reject] IF a rising edge is generatred by PE1 + PE3 When a box at Stationn #2 later generates a rising edge at downstream PE2: divert if box status from PE1 + PE3 was [reject] - do not divert if box status from PE1 was [okay] Decrement a Counter for Each Box that is detected by at Station #2 (PE2) Implementation summary Pulse BSR with PE2 to Shift the Bit Array BSR Length = number of boxes from PE1 to before PE2 N.B. Assumptions - Adequate space between boxes, so 1 rising edge per box at PE1 and at PE2 - No boxed added or subtracted between PE1 and PE2 (or coffee cup blocks PE) - PE1 & PE3 are positioned so a Box Enterng the Station #1 to Station#2 Zone (PE1) & a Rejected Box (PE3) can detect each condition at the same time Initialization - Set FIFO Bit Array and index pointers to zero - Unlatch the BSR Load Bit (B3:0/15) because it is must be 0 when pushed onto the top of the FIFO Bit Array First Pass S:1 -FLL Fill File 15 Source 0 Dest #B93:0 Length 4 **BSR Instruction** Load Bit Address BSR SOURCE BIT 0 B3:0 15 Box at PE1 / Entry of Conveyor Zone Debounce Timer BOX AT PE1 DEBOUNCE Box at Photoeye-PE1 BOX IS AT PE1 I:0 -TON (EN) Timer On Delay Timer T4:1 (DN) Bul.1763 Time Base 0.001 Preset 200< Accum 0< Box at PE1 / Entry of Conveyor Zone Debounce Timer Number of Boxes in BOX AT PE1 DEBOUNCE/DN counter full (bad!) Between PE1 & PE2 T4:1 C5:0 -CTU Count Up (CU) DN DN Counter C5:0 Preset 64< (DN) Accum 0<

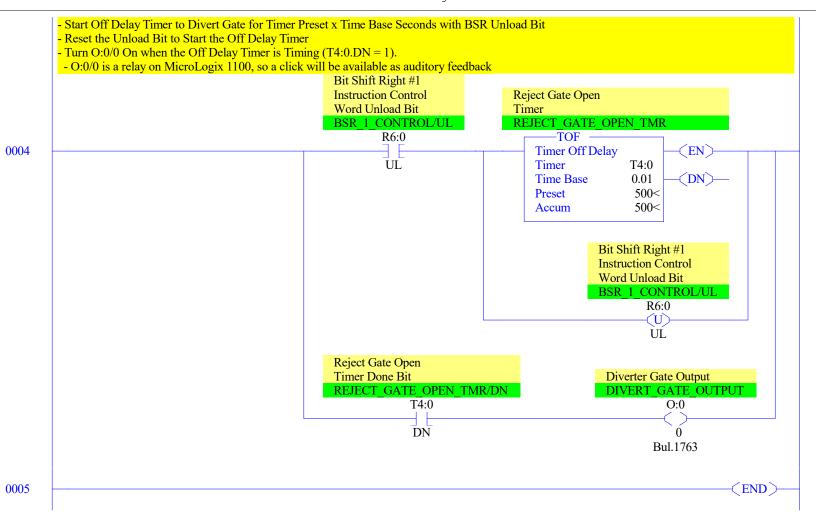
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0001

LAD 2 - --- Total Rungs in File = 6







# 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	1	0	0	0	0	0	J	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	į	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	į	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	i	Bul.1763	MicroLogix 1100 Series B
I:0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1		Bul.1763	MicroLogix 1100 Series B-Analog
I:0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1		Bul.1763	MicroLogix 1100 Series B-Analog

Data File S2 (hex) -- STATUS

```
Main
```

```
Processor Mode S:1/0 - S:1/4 = Remote Run
On Power up Go To Run (Mode Behavior) S:1/12 = 0
First Pass S:1/15 = No
Free Running Clock S:4 = 0001-0111-1000-1000
Proc
OS Catalog Number S:57 = 1100
                                        User Program Type S:63 = 8108h
OS Series S:58 = B
                                        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 = 31
Watchdog (x10 ms) S:3 (high byte) = 10
Last 100 uSec Scan Time S:35 = 7
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 = 1
                                             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 = 1
Chan 0
Processor Mode S:1/0- S:1/4 = Remote Run
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
```

Page 1

Program Compare S:2/9 = 0

On Power up Go To Run (Mode Behavior) S:1/12 = 0

Data File Overwrite Protection Lost S:36/10 = 0

Data File S2 (hex) -- STATUS

#### 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	0	
B3:1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

# Data File T4 -- TIMER

Offset	EN I	Т	DN	E	BASE	PRE	ACC	(Symbol) Description
T4:0	0	0	0	.01	sec	500	500	(REJECT GATE OPEN TMR) Reject Gate Open Timer
T4:1	0	0	0	.001	sec	200	0	(BOX AT PE1 DEBOUNCE) Box at PE1 / Entry of Conveyor Zone Debo
T4:2	1	0	1	.001	sec	200	200	(REJECT PE3 DEBOUNCE) Box at PE1 Rejected (PE3) Debounce Timer
T4:3	0	0	0	.001	sec	200	0	(BOX AT PE2 DEBOUNCE) Box at PE2 / Exit of Conveyor Zone Debou
T4:4	0	0	0	.01	sec	0	0	

# Data File C5 -- COUNTER

Offset	CU	CD	DN	OV	UN	UA	PRE	ACC	(Symbol) Description
C5:0	0	0	0	0	0	0	64	0	Number of Boxes in Between PE1 & PE2
C5:1	0	0	0	0	0	0	0	0	
C5:2	0	0	0	0	0	0	0	0	
C5:3	0	0	0	0	0	0	0	0	
C5 · 4	Ο	Ο	Ω	Ω	Ω	Ω	0	Ω	

### 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 64 0 (BSR\_1\_CONTROL) Bit Shift Right #1 Instruction Control W

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Data File N7 (dec) -- INTEGER

Offset 0 1 2 3 4 5 6 7 8 9

N7:0 0

REJECT\_TRACKING\_B.RSS

Data File F8 -- FLOAT

Offset 0 1 2 3 4

F8:0 0

Data File B93 (bin) -- BIT\_ARRAY -- Binary Bit Array

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol)	Description	
в93:0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
B93:1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
B93:2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
B93:3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			

### REJECT\_TRACKING\_B.RSS

	Data Fi	le N199	(dec)		NUM_BOXES		Number o	of Boxes	s in Bet	tween PE1	& PE2	
Offset	0	1	2	3	4	5	6	7	8	9		
N199:0	-1	0	0	0	0							

### Address/Symbol Database

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Address	Symbol	Scope	Description	Sym Group	De'
B3:0/0 B3:0/15	ONS_1 BSR_SOURCE_BIT_0	Global Global	BSR Instruction Load Bit Address		
B93:0/[N199:0] C5:0 C5:0.PRE			Number of Boxes in Between PE1 & PE2		
C5:0.PRE C5:0.ACC C5:0/DN			counter full (had!)		
I:0/0 I:0/1			counter full (bad!)		ı
I:0/1 I:0/4 I:0/5	BOX_IS_AT_PE1		Box at Photoeye-PE1 Reject Box at PE1 (PE3 = Selector Switch)		1
I:0/9 N199:0		Global	Box at Reject Gate Photoeye - PE2		ı
0:0/0 R6:0	DIVERT_GATE_OUTPUT BSR 1 CONTROL	Global	Diverter Gate Output Bit Shift Right #1 Instruction Control Word		ı
R6:0.LEN R6:0/UL	2011101	510001	Bit Shift Right #1 Instruction Control Word Unload Bit		
S:0 S:0/0			Arithmetic Flags Processor Arithmetic Carry Flag		ļ
S:0/1 S:0/2			Processor Arithmetic Underflow/ Overflow Flag Processor Arithmetic Zero Flag		ļ
S:0/3 S:1			Processor Arithmetic Sign Flag Processor Mode Status/ Control		ļ
S:1/0 S:1/1			Processor Mode Bit 0 Processor Mode Bit 1		ļ
S:1/2 S:1/3			Processor Mode Bit 2 Processor Mode Bit 3		
S:1/4 S:1/5			Processor Mode Bit 4 Forces Enabled		
S:1/6 S:1/7			Forces Present Comms Active		
S:1/8 S:1/9 S:1/10			Fault Override at Powerup Startup Protection Fault		
S:1/11 S:1/12			Load Memory Module on Memory Error Load Memory Module Always Load Memory Module and RUN		
S:1/13 S:1/14			Major Error Halted Access Denied		
S:1/15 S:2/0			First Pass STI Pending		
S:2/1 S:2/2			STI Enabled STI Executing		
S:2/3 S:2/4			Index Addressing File Range Saved with Debug Single Step		
S:2/5 S:2/6			DH-485 Incoming Command Pending DH-485 Message Reply Pending		
S:2/7 S:2/15			DH-485 Outgoing Message Command Pending Comms Servicing Selection		
S:3 S:4			Current Scan Time/ Watchdog Scan Time Time Base		
S:5/0 S:5/2 S:5/3			Overflow Trap Control Register Error Major Err Detected Executing UserFault Routine		
S:5/4 S:5/8			M0-M1 Referenced on Disabled Slot Memory Module Boot		
S:5/9 S:5/10			Memory Module Password Mismatch STI Overflow		
S:5/11 S:6			Battery Low Major Error Fault Code		
S:7 S:8			Suspend Code Suspend File		
S:9 S:10			Active Nodes Active Nodes		
S:11 S:12			I/O Slot Enables I/O Slot Enables		
S:13 S:14			Math Register Math Register		
S:15 S:16			Node Address/ Baud Rate Debug Single Step Rung		
S:17 S:18			Debug Single Step File Debug Single Step Breakpoint Rung Debug Single Step Breakpoint File		
S:19 S:20 S:21			Debug Single Step Breakpoint File Debug Fault/ Powerdown Rung Debug Fault/ Powerdown File		
S:21 S:22 S:23			Maximum Observed Scan Time Average Scan Time		
S:24 S:25			Index Register I/O Interrupt Pending		ļ
S:26 S:27			I/O Interrupt Pending I/O Interrupt Enabled		
S:28 S:29			I/O Interrupt Enabled User Fault Routine File Number		
S:30 S:31			STI Setpoint STI File Number		ı
					ļ

### Address/Symbol Database

Address  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:33/13 S:33/14 S:33/15 S:34 S:34/0 S:34/1 S:34/2 S:35	Symbol	Scope	Description  I/O Interrupt Executing Extended Proc Status Control Word Incoming Command Pending Message Reply Pending Outgoing Message Command Pending Selection Status User/DF1 Communicat Active Communicat Servicing Selection Message Servicing Selection Channel 0 Message Servicing Selection Channel 1 Interrupt Latency Control Flag Scan Toggle Flag Discrete Input Interrupt Reconfigur Flag Online Edit Status Online Edit Status Scan Time Timebase Selection DTR Control Bit DTR Force Bit Pass—thru Disabled	Sym Group	De
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:33/11 S:33/12 S:33/13 S:33/14 S:33/15 S:34 S:34/0 S:34/1 S:34/2			Extended Proc Status Control Word Incoming Command Pending Message Reply Pending Outgoing Message Command Pending Selection Status User/DF1 Communicat Active Communicat Servicing Selection Message Servicing Selection Channel 0 Message Servicing Selection Channel 1 Interrupt Latency Control Flag Scan Toggle Flag Discrete Input Interrupt Reconfigur Flag Online Edit Status Online Edit Status Scan Time Timebase Selection DTR Control Bit DTR Force Bit		
S:33/0 S:33/1 S:33/2 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:33/11 S:33/11 S:33/13 S:33/13 S:33/14 S:33/15 S:34 S:34/0 S:34/1			Incoming Command Pending Message Reply Pending Outgoing Message Command Pending Selection Status User/DF1 Communicat Active Communicat Servicing Selection Message Servicing Selection Channel 0 Message Servicing Selection Channel 1 Interrupt Latency Control Flag Scan Toggle Flag Discrete Input Interrupt Reconfigur Flag Online Edit Status Online Edit Status Scan Time Timebase Selection DTR Control Bit DTR Force Bit		
S:33/1 S:33/2 S:33/3 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:33/11 S:33/12 S:33/13 S:33/14 S:33/15 S:34 S:34/0 S:34/0 S:34/1			Message Reply Pending Outgoing Message Command Pending Selection Status User/DF1 Communicat Active Communicat Servicing Selection Message Servicing Selection Channel 0 Message Servicing Selection Channel 1 Interrupt Latency Control Flag Scan Toggle Flag Discrete Input Interrupt Reconfigur Flag Online Edit Status Online Edit Status Scan Time Timebase Selection DTR Control Bit DTR Force Bit		
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:33/13 S:33/14 S:33/15 S:34 S:34/0 S:34/1			Outgoing Message Command Pending Selection Status User/DF1 Communicat Active Communicat Servicing Selection Message Servicing Selection Channel 0 Message Servicing Selection Channel 1 Interrupt Latency Control Flag Scan Toggle Flag Discrete Input Interrupt Reconfigur Flag Online Edit Status Online Edit Status Scan Time Timebase Selection DTR Control Bit DTR Force Bit		
S:33/3 S:33/4 S:33/5 S:33/5 S:33/6 S:33/7 S:33/8 S:33/9 S:33/10 S:33/10 S:33/12 S:33/12 S:33/13 S:33/14 S:33/15 S:34 S:34 S:34/0 S:34/1 S:34/2			Selection Status User/DF1 Communicat Active Communicat Servicing Selection Message Servicing Selection Channel 0 Message Servicing Selection Channel 1 Interrupt Latency Control Flag Scan Toggle Flag Discrete Input Interrupt Reconfigur Flag Online Edit Status Online Edit Status Scan Time Timebase Selection DTR Control Bit DTR Force Bit		
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:33/13 S:33/14 S:33/15 S:34 S:34/0 S:34/1 S:34/2			Communicat Active Communicat Servicing Selection Message Servicing Selection Channel 0 Message Servicing Selection Channel 1 Interrupt Latency Control Flag Scan Toggle Flag Discrete Input Interrupt Reconfigur Flag Online Edit Status Online Edit Status Scan Time Timebase Selection DTR Control Bit DTR Force Bit		
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:33/13 S:33/14 S:33/15 S:34 S:34/0 S:34/0 S:34/1			Communicat Servicing Selection Message Servicing Selection Channel 0 Message Servicing Selection Channel 1 Interrupt Latency Control Flag Scan Toggle Flag Discrete Input Interrupt Reconfigur Flag Online Edit Status Online Edit Status Scan Time Timebase Selection DTR Control Bit DTR Force Bit		
S:33/6 S:33/7 S:33/8 S:33/9 S:33/10 S:33/11 S:33/12 S:33/13 S:33/14 S:33/15 S:34 S:34/0 S:34/0 S:34/1			Message Servicing Selection Channel 0 Message Servicing Selection Channel 1 Interrupt Latency Control Flag Scan Toggle Flag Discrete Input Interrupt Reconfigur Flag Online Edit Status Online Edit Status Scan Time Timebase Selection DTR Control Bit DTR Force Bit		
S:33/7 S:33/8 S:33/9 S:33/10 S:33/11 S:33/12 S:33/13 S:33/14 S:33/15 S:34 S:34/0 S:34/0 S:34/1			Message Servicing Selection Channel 1 Interrupt Latency Control Flag Scan Toggle Flag Discrete Input Interrupt Reconfigur Flag Online Edit Status Online Edit Status Scan Time Timebase Selection DTR Control Bit DTR Force Bit		
S:33/8 S:33/9 S:33/10 S:33/11 S:33/12 S:33/13 S:33/14 S:33/15 S:34 S:34/0 S:34/1			Interrupt Latency Control Flag Scan Toggle Flag Discrete Input Interrupt Reconfigur Flag Online Edit Status Online Edit Status Scan Time Timebase Selection DTR Control Bit DTR Force Bit		
S:33/10 S:33/11 S:33/12 S:33/13 S:33/14 S:33/15 S:34 S:34/0 S:34/1			Discrete Input Interrupt Reconfigur Flag Online Edit Status Online Edit Status Scan Time Timebase Selection DTR Control Bit DTR Force Bit		
S:33/11 S:33/12 S:33/13 S:33/14 S:33/15 S:34 S:34/0 S:34/1 S:34/2			Online Edit Status Online Edit Status Scan Time Timebase Selection DTR Control Bit DTR Force Bit		
S:33/12 S:33/13 S:33/14 S:33/15 S:34 S:34/0 S:34/1 S:34/2			Online Edit Status Scan Time Timebase Selection DTR Control Bit DTR Force Bit		
S:33/13 S:33/14 S:33/15 S:34 S:34/0 S:34/1 S:34/2			Scan Time Timebase Selection DTR Control Bit DTR Force Bit		
S:33/14 S:33/15 S:34 S:34/0 S:34/1 S:34/2			DTR Control Bit DTR Force Bit		
S:33/15 S:34 S:34/0 S:34/1 S:34/2			DTR Force Bit		
S:34 S:34/0 S:34/1 S:34/2					
S:34/0 S:34/1 S:34/2					
S:34/2			Pass-Thru Disabled Flag		
			DH+ Active Node Table Enable Flag		
S:35			Floating Point Math Flag Disable, Fl		
			Last 1 ms Scan Time		
S:36			Extended Minor Error Bits		
S:36/8			DII Lost		
S:36/9 S:36/10			STI Lost Memory Module Data File Overwrite Protection		
S:30/10 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			STI Interrupt Time		
S: 44			I/O Event Interrupt Time		
S:45 S:46			DII Interrupt Time 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			Discrete Input Interrupt- Accumulat		
S:53			Reserved/ Clock Calendar Day of the Week		
S:55			Last DII Scan Time		
S:56 S:57			Maximum Observed DII Scan Time Operating System Catalog Number		
S:58			Operating System Catalog Number  Operating System Series		
S:59			Operating System FRN		
S:61			Processor Series		
S:62			Processor Revision		
s:63			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 S:69			Channel O Active Nodes Channel O Active Nodes		
S:70			Channel O Active Nodes Channel O Active Nodes		
S:71			Channel O 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 O Active Nodes Channel O Active Nodes		
S:81			Channel 0 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			DH+ Active Nodes		
T4:0	REJECT_GATE_OPEN_TMR	Global	Reject Gate Open Timer		
T4:0/DN	DOV AM DET DEDOUGE	Clab-1	Reject Gate Open Timer Done Bit		
T4:1 T4:1/DN	BOX_AT_PE1_DEBOUNCE	GIODAI	Box at PE1 / Entry of Conveyor Zone Debounce Timer		
T4:1/DN T4:2	REJECT_PE3_DEBOUNCE	Global	Box at PE1 Rejected (PE3) Debounce Timer		
T4:2/DN	TOTOL TO DIDOUNCE	JIUDAI	2011 at The Residual (180) Deposition Times		
T4:3	BOX AT PE2 DEBOUNCE	Global	Box at PE2 / Exit of Conveyor Zone Debounce Timer		
T4:3/DN			* * * * * * * * * * * * * * * * * * * *		

Address Instruction Description

Group\_Name Description