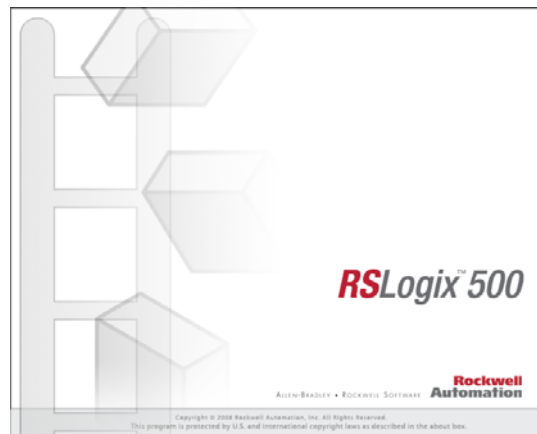


RSLogix 500 Project Report



Processor Information

Processor Type: 1747-L553C 5/05 CPU - 64K Mem. OS501 Series C FRN 10 and later

Processor Name: SLC_SAMP

Total Memory Used: *

Total Memory Left: *

Program Files: 3

Data Files: 13

Program ID: 0

I/O Configuration

0	1747-L553C	5/05 CPU - 64K Mem. OS501 Series C F
1		
2		
3		

Channel Configuration

GENERAL

Channel 1 Write Protected: No
Channel 1 Edit Resource/Owner Timeout(x1 sec): 60
Channel 1 Passthru Link ID(dec): 2
Channel 1 Diagnostic File: 0

Channel 0 Write Protected: No
Channel 0 Edit Resource/Owner Timeout(x1 sec): 60
Channel 0 Passthru Link ID(dec): 1
Channel 0 Current Mode: System
Channel 0 Mode Change Enabled: No
Channel 0 Mode Change Attention Character: \1b
Channel 0 Mode Change System Character: S
Channel 0 Mode Change User Character: U
Channel 0 Diagnostic File: 0

CHANNEL 1 (SYSTEM) - Driver: Ethernet

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
Default Domain Name:
Primary Name Server: 0.0.0.0
Secondary Name Server 0.0.0.0
Msg Connection Timeout (x 1mS): 15000
Msg Reply Timeout (x mS): 3000
Inactivity Timeout (x Min): 30
Bootp Enable: No
Dhcp Enable No
SNMP Enable: Yes
HTTP Enable: Yes
Auto Negotiate Enable: No
Port Speed Enable: 10 Mbps Half Duplex Forced
Contact:
Location:

CHANNEL 0 (SYSTEM) - Driver: DF1 Full Duplex

Source ID: 0 (decimal)
Baud: 19200
Parity: NONE
Stop Bits: 1
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 0 (USER) - Driver: ASCII

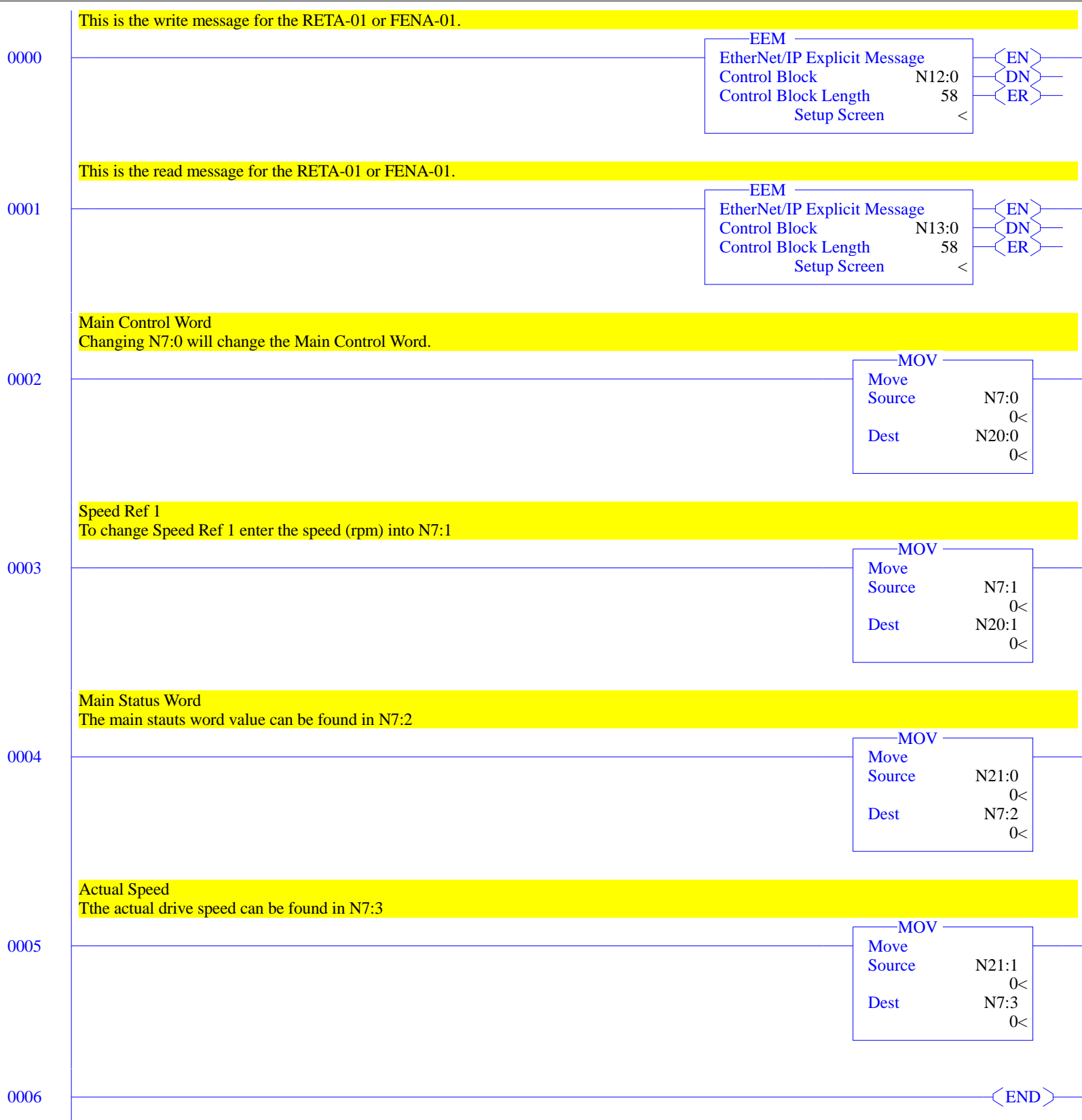
Baud: 19200
Parity: NONE
Stop Bits: 1
Data Bits: 8
Control Line : No Handshaking
Delete mode: Ignore
Echo: No
XON/XOFF: No
Termination Character 1: \d
Termination Character 2: \ff
Append Character 1: \d
Append Character 2: \a

Program File List

Name	Number	Type	Rungs	Debug	Bytes
[SYSTEM]	0	SYS	0	No	0
	1	SYS	0	No	0
	2	LADDER	7	No	129

Data File List

Name	Number	Type	Scope	Debug	Words	Elements	Last
OUTPUT	0	O	Global	No	0	0	
INPUT	1	I	Global	No	0	0	
STATUS	2	S	Global	No	0	83	S:82
BINARY	3	B	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
WRITE	12	N	Global	No	58	58	N12:57
READ	13	N	Global	No	58	58	N13:57
	20	N	Global	No	4	4	N20:3
	21	N	Global	No	2	2	N21:1



Offset 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0

No data exist for this file.

Data File I1 (bin) -- INPUT

Offset 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0

No data exist for this file.

Data File S2 (hex) -- STATUS

Main

First Pass S:1/15 = No	Day of the Week S:53L = Sunday
Index Register S:24 = 0	DD / MM / YYYY
Free Running Clock S:4 = 0000-0000-0000-0000	Date S:39-37 = 0 / 0 / 0
Index Across Data Files S:2/3 = No	
CIF Addressing Mode S:2/8 = 0	HH : MM : SS
Online Edits S:33/11 - S:33/12 = No online edits exist	Time S:40-42 = 0 : 0 : 0

Proc

OS Catalog Number S:57 = 0	User Program Type S:63 = 2049
OS Series S:58 = A	User Program Functionality Index S:64 = 125
OS FRS S:59 = 0	User RAM Size S:66 = 0
Processor Catalog Number S:60 = 0	OS Memory Size S:66 = 0
Processor Series S:61 = A	
Processor FRN S:62 = 0	
Ethernet Daughterboard Series S:9 = 0	
Ethernet Daughterboard FRN S:10 = 0	

Scan Times

Maximum (x10 ms) S:22 = 0
 Average (x10 ms) S:23 = 0
 Current (x10 ms) S:3 (low byte) = 0
 Watchdog (x10 ms) S:3 (high byte) = 10
 Last lms Scan Time S:35 = 0
 Scan Toggle Bit S:33/9 = 0
 Time Base Selection S:33/13 = 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	
Floating Point Flag Disable S:34/2 = 0	

IO

I/O Interrupt Executing S:32 = 0	Interrrupt Latency Control S:33/8 = 0
	Event Interrupt 10 uS Time Stamp S:44 = 0

I/O Slot Enables: S:11 _S:12	
0 10 20 30	
11111111 11111111 11111111 11111111	

I/O Slot Interrupt Enables: S:27 _S:28	
0 10 20 30	
11111111 11111111 11111111 11111111	

I/O Slot Interrupt Pending: S:25 _S:26	
0 10 20 30	
00000000 00000000 00000000 00000000	

Chan 0

Processor Mode S:1/0- S:1/4 = Remote Program Mode	
Channel Mode S:33/3 = 0	DTR Control Bit S:33/14 = 0
Comms Active S:33/4 = 0	DTR Force Bit S:33/15 = 0
Incoming Cmd Pending S:33/0 = 0	Outgoing Msg Cmd Pending S:33/2 = 0
Msg Reply Pending S:33/1 = 0	Comms Servicing Sel S:33/5 = 0
	Msg Servicing Sel S:33/6 = 0
	Modem Lost S:5/14 = 0

Chan 1

Processor Mode S:1/0- S:1/4 = Remote Program Mode	
Comms Active S:1/7 = 0	Outgoing Msg Cmd Pending S:2/7 = 0
Incoming Cmd Pending S:2/5 = 0	Comms Servicing Sel S:2/15 = 1
Msg Reply Pending S:2/6 = 0	Msg Servicing Sel S:33/7 = 0
DH485 Gateway Disable Bit S:34/0 = 0	
DH485 Gateway Enable Bit S:34/5 = 0	

Debug

Suspend Code S:7 = 0	Test Single Step Breakpoint
Suspend File S:8 = 0	Rung # S:18 = 0
Compiled For Single Step S:2/4 = Yes	File # S:19 = 0
Fault/Powerdown	Test Single Step
Fault/Powerdown (Rung #) S:20 = 0	Rung # S:16 = 0
(File #) S:21 = 0	File # S:17 = 0

Errors

Fault Override At Power Up S:1/8 = 0	ASCII String Manipulation error S:5/15 = 0
Startup Protection Fault S:1/9 = 0	Fault Routine S:29 = 0
Major Error Halt S:1/13 = 0	Major Error S:6 = 0h
Overflow Trap S:5/0 = 0	
Control Register Error S:5/2 = 0	Error Description:
Major Error Executing User Fault Rtn. S:5/3 = 0	
M0/M1 Referenced On Disabled Slot S:5/4 = 0	
Battery Low S:5/11 = 0	
Fault/Powerdown (Rung #) S:20 = 0	
(File #) S:21 = 0	

STI

Setpoint (x10ms) S:30 = 0	Resolution Select Bit S:2/10 = 0
File Number S:31 = 0	Executing Bit S:2/2 = 0
10 uS Time Stamp S:43 = 0	Overflow Bit S:5/10 = 0
Pending Bit S:2/0 = 0	Lost S:36/9 = 0
Enable Bit S:2/1 = 1	Interrupt Latency Control S:33/8 = 0

DII

Preset S:50 = 0	File Number S:46 = 0
Accumulator S:52 = 0	Slot Number S:47 = 0
Pending Bit S:2/11 = 0	Bit Mask S:48 = 0h
Enable Bit S:2/12 = 1	Compare Value S:49 = 0h
Executing Bit S:2/13 = 0	Return Mask S:51 = 0h
Reconfiguration Bit S:33/10 = 0	Last Scan Time (x1 ms) S:55 = 0
Overflow Bit S:5/12 = 0	Max Observed Scan Time (x1 ms) S:56 = 0
Lost S:36/8 = 0	Interrupt Latency Control S:33/8 = 0
10 uS Time Stamp S:45 = 0	

Protection

Deny Future Access S:1/14 = No

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
 Load Memory Module and RUN 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 = No
 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	

Data File T4 -- TIMER

Offset	EN	TT	DN	BASE	PRE	ACC	(Symbol)	Description
T4:0	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	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	0	0		

Data File N7 (dec) -- INTEGER

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

Data File F8 -- FLOAT

Offset	0	1	2	3	4
F8:0	0				

Data File N12 (dec) -- WRITE

Offset	0	1	2	3	4	5	6	7	8	9
N12:0	2048	0	0	0	0	0	0	0	5	0
N12:10	0	0	0	0	14641	11826	13873	11832	11824	12339
N12:20	0	0	0	0	0	0	0	0	0	0
N12:30	0	0	0	0	0	19	4099	8196	9237	12291
N12:40	0	0	2	8194	9217	0	0	0	0	0
N12:50	0	0	0	0	0	0	0	0		

Data File N13 (dec) -- READ

Offset	0	1	2	3	4	5	6	7	8	9
N13:0	2048	0	0	0	0	0	0	0	5	0
N13:10	0	0	0	0	14641	11826	13873	11832	11824	12339
N13:20	0	0	0	0	0	0	0	0	0	0
N13:30	0	0	0	0	0	19	3587	8196	9287	12291
N13:40	0	0	2	8194	9217	0	0	0	0	0
N13:50	0	0	0	0	0	0	0	0		

Data File N20 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N20:0	0	0	0	0						

Data File N21 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N21:0	0	0								

Address (Symbol) = Value [Description]

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group	Dev. Code	ABV	BLW
MG10:0							
MG11:0							
N7:2							
N7:3							
N20:0							
N20:1							
N21:0							
N21:1							
S:0			Arithmetic Flags				
S:0/0			Processor Arithmetic Carry Flag				
S:0/1			Processor Arithmetic Underflow/ Overflow Flag				
S:0/2			Processor Arithmetic Zero Flag				
S:0/3			Processor Arithmetic Sign Flag				
S:1			Processor Mode Status/ Control				
S:1/0			Processor Mode Bit 0				
S:1/1			Processor Mode Bit 1				
S:1/2			Processor Mode Bit 2				
S:1/3			Processor Mode Bit 3				
S:1/4			Processor Mode Bit 4				
S:1/5			Forces Enabled				
S:1/6			Forces Present				
S:1/7			Comms Active				
S:1/8			Fault Override at Powerup				
S:1/9			Startup Protection Fault				
S:1/10			Load Memory Module on Memory Error				
S:1/11			Load Memory Module Always				
S:1/12			Load Memory Module and RUN				
S:1/13			Major Error Halted				
S:1/14			Access Denied				
S:1/15			First Pass				
S:2/0			STI Pending				
S:2/1			STI Enabled				
S:2/2			STI Executing				
S:2/3			Index Addressing File Range				
S:2/4			Saved with Debug Single Step				
S:2/5			DH-485 Incoming Command Pending				
S:2/6			DH-485 Message Reply Pending				
S:2/7			DH-485 Outgoing Message Command Pending				
S:2/15			Comms Servicing Selection				
S:3			Current Scan Time/ Watchdog Scan Time				
S:4			Time Base				
S:5/0			Overflow Trap				
S:5/2			Control Register Error				
S:5/3			Major Err Detected Executing UserFault Routine				
S:5/4			M0-M1 Referenced on Disabled Slot				
S:5/8			Memory Module Boot				
S:5/9			Memory Module Password Mismatch				
S:5/10			STI Overflow				
S:5/11			Battery Low				
S:6			Major Error Fault Code				
S:7			Suspend Code				
S:8			Suspend File				
S:9			Active Nodes				
S:10			Active Nodes				
S:11			I/O Slot Enables				
S:12			I/O Slot Enables				
S:13			Math Register				
S:14			Math Register				
S:15			Node Address/ Baud Rate				
S:16			Debug Single Step Rung				
S:17			Debug Single Step File				
S:18			Debug Single Step Breakpoint Rung				
S:19			Debug Single Step Breakpoint File				
S:20			Debug Fault/ Powerdown Rung				
S:21			Debug Fault/ Powerdown File				
S:22			Maximum Observed Scan Time				
S:23			Average Scan Time				
S:24			Index Register				
S:25			I/O Interrupt Pending				
S:26			I/O Interrupt Pending				
S:27			I/O Interrupt Enabled				
S:28			I/O Interrupt Enabled				
S:29			User Fault Routine File Number				
S:30			STI Setpoint				
S:31			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			Selection Status User/DF1				
S:33/4			Communicat Active				
S:33/5			Communicat Servicing Selection				
S:33/6			Message Servicing Selection Channel 0				
S:33/7			Message Servicing Selection Channel 1				

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group	Dev. Code	ABV	BLW
S:33/8			Interrupt Latency Control Flag				
S:33/9			Scan Toggle Flag				
S:33/10			Discrete Input Interrupt Reconfigur Flag				
S:33/11			Online Edit Status				
S:33/12			Online Edit Status				
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			Last 1 ms Scan Time				
S:36			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			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			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			Discrete Input Interrupt- Accumulat				
S:53			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			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 0 Active Nodes				
S:68			Channel 0 Active Nodes				
S:69			Channel 0 Active Nodes				
S:70			Channel 0 Active Nodes				
S:71			Channel 0 Active Nodes				
S:72			Channel 0 Active Nodes				
S:73			Channel 0 Active Nodes				
S:74			Channel 0 Active Nodes				
S:75			Channel 0 Active Nodes				
S:76			Channel 0 Active Nodes				
S:77			Channel 0 Active Nodes				
S:78			Channel 0 Active Nodes				
S:79			Channel 0 Active Nodes				
S:80			Channel 0 Active Nodes				
S:81			Channel 0 Active Nodes				
S:82			Channel 0 Active Nodes				
S:83			DH+ Active Nodes				
S:84			DH+ Active Nodes				
S:85			DH+ Active Nodes				
S:86			DH+ Active Nodes				
T4:0							
T4:0/DN							
T4:1							
T4:1/DN							

Instruction Comment Database

Address	Instruction	Description
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Symbol Group Database

Group_Name	Description
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