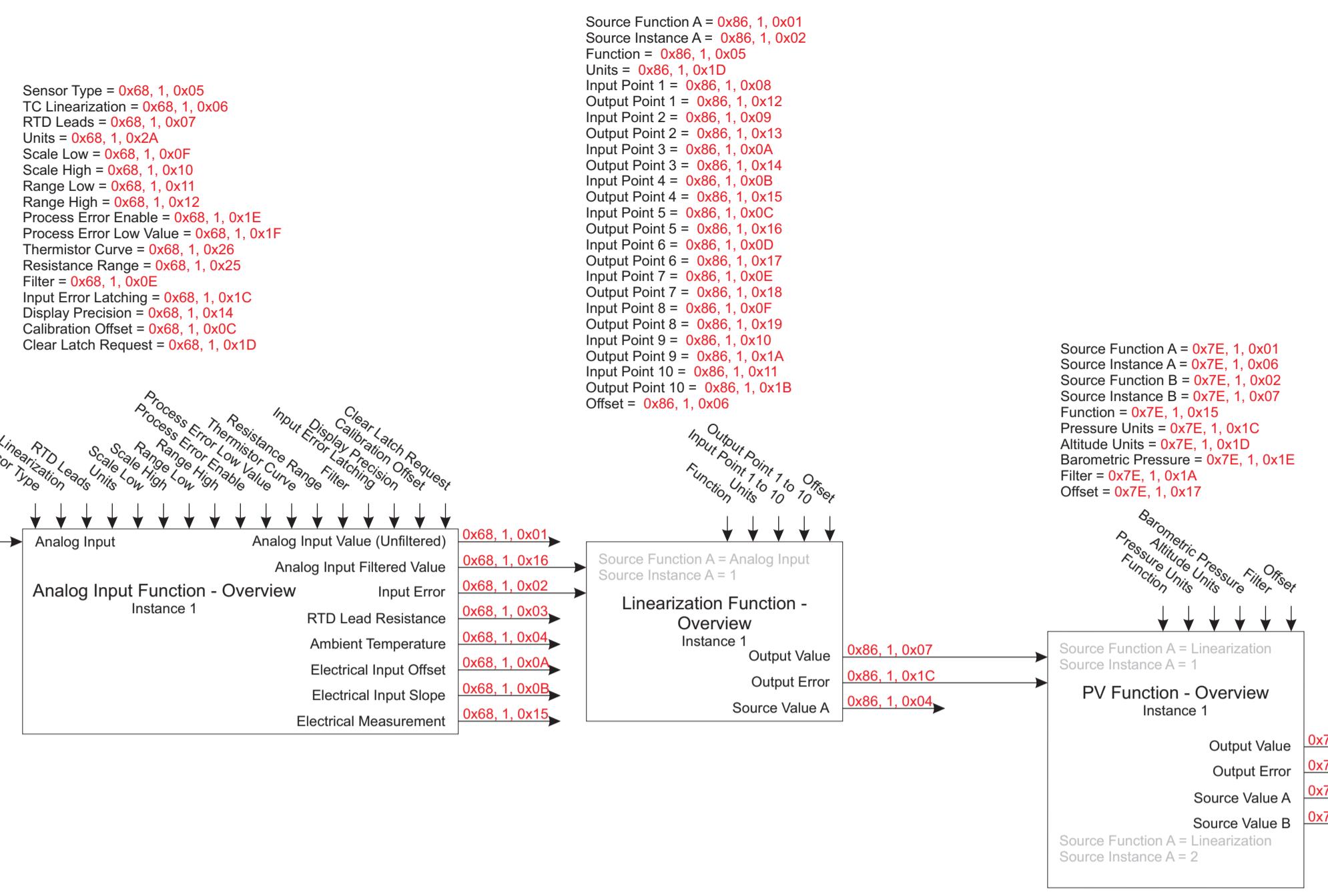


PMx[C,R,B,J,N,E][1,3]xx-[3,5]Axx[A,D]xx

1 analog input
0 DIO
1 control loop
4 outputs (Digital or Process)
No enhanced firmware option
CIP registers - red text



Heat Algorithm = 0x6C, 1, 0x09
Cool Algorithm = 0x6C, 1, 0x04
Cool Output Curve = 0x6C, 1, 0x04
Open Loop Detect Time = 0x6C, 1, 0x28
Heat Proportional Band = 0x6C, 1, 0x09
Heat Hysteresis = 0x6C, 1, 0x0A
Heat Proportional Band = 0x6C, 1, 0x0C
Cool Hysteresis = 0x6C, 1, 0x0D
Time Integral = 0x6C, 1, 0x07
Time Derivative = 0x6C, 1, 0x07
High Set Point = 0x6B, 1, 0x04
Dead Band = 0x6C, 1, 0x07
TRU-TUNE+ Enable = 0x6C, 1, 0x16
TRU-TUNE+ Gain = 0x6C, 1, 0x22
Set Point Open Limit = 0x6B, 1, 0x05
Set Point Open Limit High = 0x6B, 1, 0x06
Autotune Set Point = 0x6C, 1, 0x19
Autotune Aggressiveness = 0x6C, 1, 0x01
Control Mode = 0x6C, 1, 0x01
Autotune = 0x6C, 1, 0x33
Peltier Delay = 0x6C, 1, 0x33
User Failure Action = 0x6B, 1, 0x0C
Loop Error Clear Request = 0x6C, 1, 0x31
Input Error Failure = 0x6B, 1, 0x0D

Source Function A = 0x7E, 1, 0x01
Source Instance A = 1
Linearization Function - Overview Instance 1
Output Value = 0x68, 1, 0x07
Source Value A = 0x68, 1, 0x08
Source Value B = 0x68, 1, 0x09
Source Function A = Linearization Source Instance A = 2
Output Value = 0x7E, 1, 0x16
Output Error = 0x7E, 1, 0x10
Source Value A = 0x7E, 1, 0x11

Source Function A = 0x7E, 1, 0x01
Source Instance A = 1
PV Function - Overview Instance 1
Output Value = 0x68, 1, 0x07
Source Value A = 0x68, 1, 0x08
Source Value B = 0x68, 1, 0x09
Source Function A = PV Source Instance A = 2
Output Value = 0x7E, 1, 0x16
Output Error = 0x7E, 1, 0x10
Source Value A = 0x7E, 1, 0x11

Source Function A = Process Value Source Instance A = 1
Output Value = 0x6C, 1, 0x0B
Output Error = 0x6C, 1, 0x1C
Source Value A = 0x6C, 1, 0x10
Source Value B = 0x6C, 1, 0x11

Source Function A = Process Value Source Instance A = 2
Output Value = 0x7E, 1, 0x16
Output Error = 0x7E, 1, 0x10
Source Value A = 0x7E, 1, 0x11

Source Function A = Process Value Source Instance A = 3
Output Value = 0x6C, 1, 0x0B
Output Error = 0x6C, 1, 0x1C
Source Value A = 0x6C, 1, 0x10
Source Value B = 0x6C, 1, 0x11

Source Function A = Process Value Source Instance A = 4
Output Value = 0x7E, 1, 0x16
Output Error = 0x7E, 1, 0x10
Source Value A = 0x7E, 1, 0x11

Source Function A = Process Value Source Instance A = 5
Output Value = 0x6C, 1, 0x0B
Output Error = 0x6C, 1, 0x1C
Source Value A = 0x6C, 1, 0x10
Source Value B = 0x6C, 1, 0x11

Source Function A = Process Value Source Instance A = 6
Output Value = 0x7E, 1, 0x16
Output Error = 0x7E, 1, 0x10
Source Value A = 0x7E, 1, 0x11

Source Function A = Process Value Source Instance A = 7
Output Value = 0x6C, 1, 0x0B
Output Error = 0x6C, 1, 0x1C
Source Value A = 0x6C, 1, 0x10
Source Value B = 0x6C, 1, 0x11

Source Function A = Process Value Source Instance A = 8
Output Value = 0x7E, 1, 0x16
Output Error = 0x7E, 1, 0x10
Source Value A = 0x7E, 1, 0x11

Source Function A = Process Value Source Instance A = 9
Output Value = 0x6C, 1, 0x0B
Output Error = 0x6C, 1, 0x1C
Source Value A = 0x6C, 1, 0x10
Source Value B = 0x6C, 1, 0x11

Source Function A = Process Value Source Instance A = 10
Output Value = 0x7E, 1, 0x16
Output Error = 0x7E, 1, 0x10
Source Value A = 0x7E, 1, 0x11

Source Function A = Process Value Source Instance A = 11
Output Value = 0x6C, 1, 0x0B
Output Error = 0x6C, 1, 0x1C
Source Value A = 0x6C, 1, 0x10
Source Value B = 0x6C, 1, 0x11

Source Function A = Process Value Source Instance A = 12
Output Value = 0x7E, 1, 0x16
Output Error = 0x7E, 1, 0x10
Source Value A = 0x7E, 1, 0x11

Source Function A = Process Value Source Instance A = 13
Output Value = 0x6C, 1, 0x0B
Output Error = 0x6C, 1, 0x1C
Source Value A = 0x6C, 1, 0x10
Source Value B = 0x6C, 1, 0x11

Source Function A = Process Value Source Instance A = 14
Output Value = 0x7E, 1, 0x16
Output Error = 0x7E, 1, 0x10
Source Value A = 0x7E, 1, 0x11

Source Function A = Process Value Source Instance A = 15
Output Value = 0x6C, 1, 0x0B
Output Error = 0x6C, 1, 0x1C
Source Value A = 0x6C, 1, 0x10
Source Value B = 0x6C, 1, 0x11

Source Function A = Process Value Source Instance A = 16
Output Value = 0x7E, 1, 0x16
Output Error = 0x7E, 1, 0x10
Source Value A = 0x7E, 1, 0x11

Source Function A = Process Value Source Instance A = 17
Output Value = 0x6C, 1, 0x0B
Output Error = 0x6C, 1, 0x1C
Source Value A = 0x6C, 1, 0x10
Source Value B = 0x6C, 1, 0x11

Source Function A = Process Value Source Instance A = 18
Output Value = 0x7E, 1, 0x16
Output Error = 0x7E, 1, 0x10
Source Value A = 0x7E, 1, 0x11

Source Function A = Process Value Source Instance A = 19
Output Value = 0x6C, 1, 0x0B
Output Error = 0x6C, 1, 0x1C
Source Value A = 0x6C, 1, 0x10
Source Value B = 0x6C, 1, 0x11

Source Function A = Process Value Source Instance A = 20
Output Value = 0x7E, 1, 0x16
Output Error = 0x7E, 1, 0x10
Source Value A = 0x7E, 1, 0x11

Source Function A = Process Value Source Instance A = 21
Output Value = 0x6C, 1, 0x0B
Output Error = 0x6C, 1, 0x1C
Source Value A = 0x6C, 1, 0x10
Source Value B = 0x6C, 1, 0x11

Source Function A = Process Value Source Instance A = 22
Output Value = 0x7E, 1, 0x16
Output Error = 0x7E, 1, 0x10
Source Value A = 0x7E, 1, 0x11

Source Function A = Process Value Source Instance A = 23
Output Value = 0x6C, 1, 0x0B
Output Error = 0x6C, 1, 0x1C
Source Value A = 0x6C, 1, 0x10
Source Value B = 0x6C, 1, 0x11

Source Function A = Process Value Source Instance A = 24
Output Value = 0x7E, 1, 0x16
Output Error = 0x7E, 1, 0x10
Source Value A = 0x7E, 1, 0x11

Source Function A = Process Value Source Instance A = 25
Output Value = 0x6C, 1, 0x0B
Output Error = 0x6C, 1, 0x1C
Source Value A = 0x6C, 1, 0x10
Source Value B = 0x6C, 1, 0x11

Source Function A = Process Value Source Instance A = 26
Output Value = 0x7E, 1, 0x16
Output Error = 0x7E, 1, 0x10
Source Value A = 0x7E, 1, 0x11

Source Function A = Process Value Source Instance A = 27
Output Value = 0x6C, 1, 0x0B
Output Error = 0x6C, 1, 0x1C
Source Value A = 0x6C, 1, 0x10
Source Value B = 0x6C, 1, 0x11

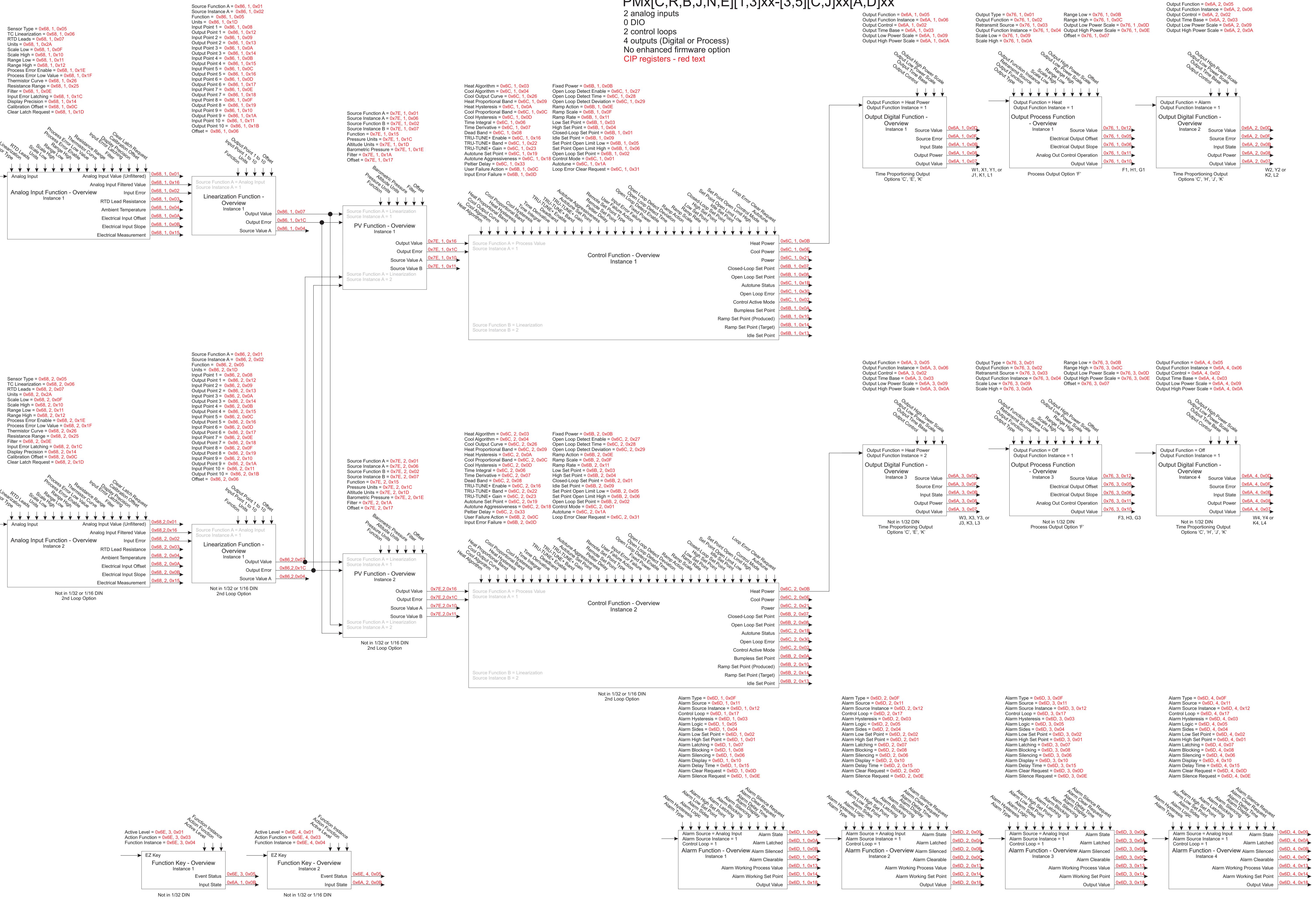
Source Function A = Process Value Source Instance A = 28
Output Value = 0x7E, 1, 0x16
Output Error = 0x7E, 1, 0x10
Source Value A = 0x7E, 1, 0x11

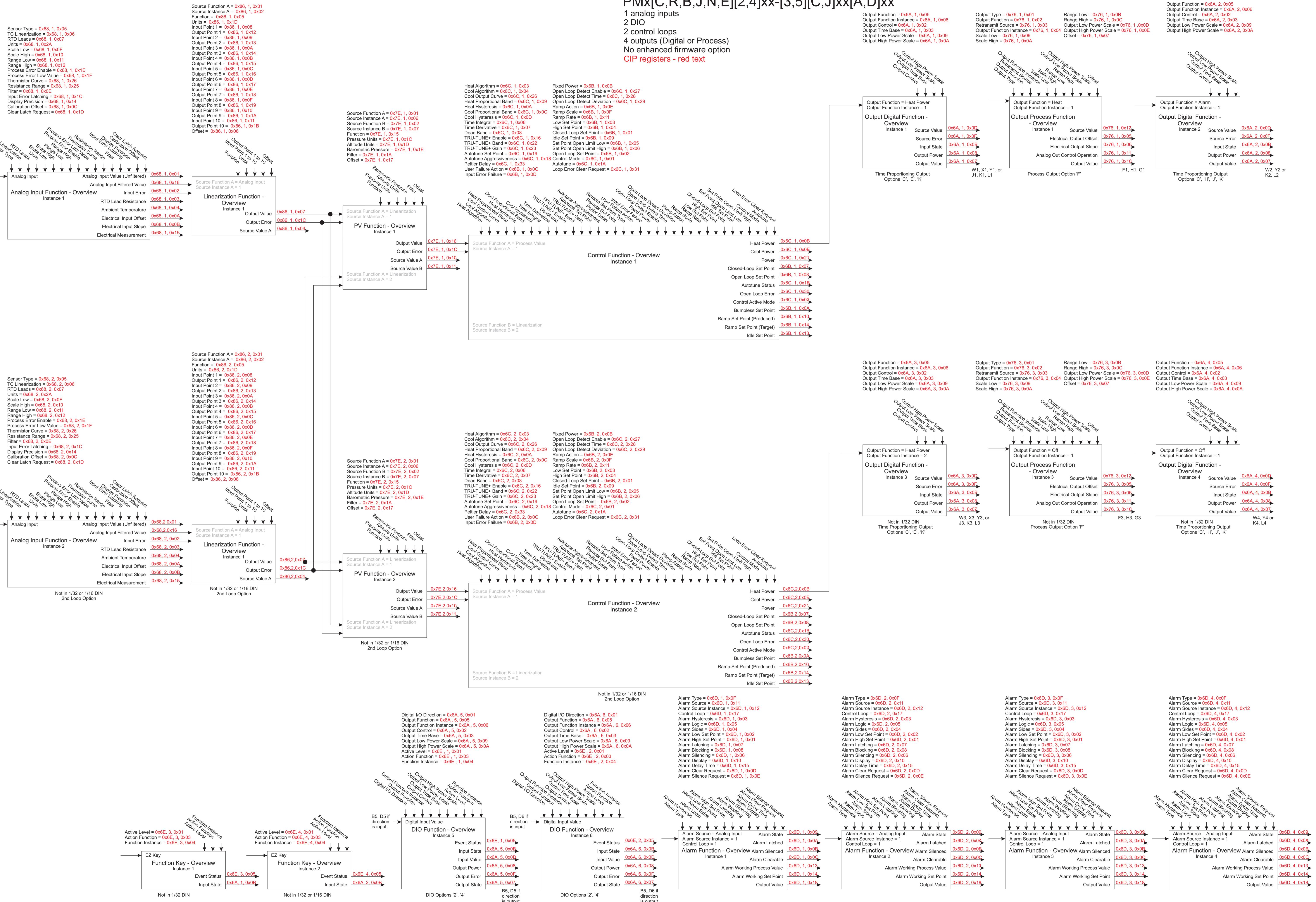
Source Function A = Process Value Source Instance A = 29
Output Value = 0x6C, 1, 0x0B
Output Error = 0x6C, 1, 0x1C
Source Value A = 0x6C, 1, 0x10
Source Value B = 0x6C, 1, 0x11

Source Function A = Process Value Source Instance A = 30
Output Value = 0x7E, 1, 0x16
Output Error = 0x7E, 1, 0x10
Source Value A = 0x7E, 1, 0x11

Source Function A = Process Value Source Instance A = 31
Output Value = 0x6C, 1, 0x0B
Output Error = 0x6C, 1, 0x1C
Source Value A = 0x6C, 1, 0x10
Source Value B = 0x6C, 1, 0x11

Source Function A = Process Value Source Instance A = 32
Output Value = 0x7E, 1, 0x16
Output Error = 0x7E, 1, 0x10





PMx[C,R,B,J,N,E][2,4]xx-[3,5][C,J]xx[C,F]xx

2 analog inputs

2 DIO

2 control loops

4 outputs (Digital or Process)

Enhanced firmware option - (Compressor control, cascade if two loops, ratio if two inputs, differential if two inputs, square root, motorized valve)

CIP registers - red text





PMx[C,R,B,J,N,E][2,4]xx-[3,5][R,P]AA[C,F]xx

2 analog inputs

2 DIO

1 control loop

4 outputs (Digital or Process)

Enhanced firmware option - (Compressor control, cascade if two loops, ratio if two inputs, differential if two inputs, square root, motorized valve)

CIP registers - red text

Source Function A = 0x68, 1, 0x01

Source Instance A = 0x68, 1, 0x02

Function = 0x68, 1, 0x05

Units = 0x68, 1, 0x1D

Input Point 1 = 0x68, 1, 0x08

Output Point 1 = 0x68, 1, 0x12

Input Point 2 = 0x68, 1, 0x09

Output Point 2 = 0x68, 1, 0x13

Input Point 3 = 0x68, 1, 0x0A

Output Point 3 = 0x68, 1, 0x14

Input Point 4 = 0x68, 1, 0x0B

Output Point 4 = 0x68, 1, 0x15

Input Point 5 = 0x68, 1, 0x0C

Output Point 5 = 0x68, 1, 0x16

Input Point 6 = 0x68, 1, 0x0D

Output Point 6 = 0x68, 1, 0x17

Input Point 7 = 0x68, 1, 0x0E

Output Point 7 = 0x68, 1, 0x18

Input Point 8 = 0x68, 1, 0x0F

Output Point 8 = 0x68, 1, 0x19

Input Point 9 = 0x68, 1, 0x10

Output Point 9 = 0x68, 1, 0x1A

Input Point 10 = 0x68, 1, 0x11

Output Point 10 = 0x68, 1, 0x1B

Offset = 0x68, 1, 0x06

Source Function A = 0x7E, 1, 0x01

Source Instance A = 1

Function = 0x7E, 1, 0x06

Source Instance B = 0x7E, 1, 0x02

Function = 0x7E, 1, 0x07

Source Value A = 0x7E, 1, 0x1C

Source Value B = 0x7E, 1, 0x10

Source Function A = 0x68, 2, 0x01

Source Instance A = 0x68, 2, 0x02

Function = 0x68, 2, 0x05

Units = 0x68, 2, 0x12

Input Point 1 = 0x68, 2, 0x12

Output Point 1 = 0x68, 2, 0x05

Input Point 2 = 0x68, 2, 0x13

Output Point 3 = 0x68, 2, 0x0A

Input Point 3 = 0x68, 2, 0x14

Output Point 4 = 0x68, 2, 0x0B

Input Point 4 = 0x68, 2, 0x15

Output Point 5 = 0x68, 2, 0x0C

Input Point 6 = 0x68, 2, 0x16

Output Point 6 = 0x68, 2, 0x0D

Input Point 7 = 0x68, 2, 0x17

Output Point 7 = 0x68, 2, 0x0E

Input Point 8 = 0x68, 2, 0x0F

Output Point 8 = 0x68, 2, 0x09

Input Point 9 = 0x68, 2, 0x10

Output Point 9 = 0x68, 2, 0x1A

Input Point 10 = 0x68, 2, 0x11

Output Point 10 = 0x68, 2, 0x1B

Offset = 0x68, 2, 0x06

Source Function A = 0x68, 2, 0x01

Source Instance A = 1

Function = 0x68, 2, 0x06

Source Value A = 0x68, 2, 0x04

Source Value B = 0x68, 2, 0x02

Source Function A = 0x68, 3, 0x01

Source Instance A = 1

Function = 0x68, 3, 0x06

Source Value A = 0x68, 3, 0x04

Source Value B = 0x68, 3, 0x02

Source Function A = 0x68, 4, 0x01

Source Instance A = 1

Function = 0x68, 4, 0x06

Source Value A = 0x68, 4, 0x04

Source Value B = 0x68, 4, 0x02

Source Function A = 0x68, 5, 0x01

Source Instance A = 1

Function = 0x68, 5, 0x06

Source Value A = 0x68, 5, 0x04

Source Value B = 0x68, 5, 0x02

Source Function A = 0x68, 6, 0x01

Source Instance A = 1

Function = 0x68, 6, 0x06

Source Value A = 0x68, 6, 0x04

Source Value B = 0x68, 6, 0x02

Source Function A = 0x68, 7, 0x01

Source Instance A = 1

Function = 0x68, 7, 0x06

Source Value A = 0x68, 7, 0x04

Source Value B = 0x68, 7, 0x02

Source Function A = 0x68, 8, 0x01

Source Instance A = 1

Function = 0x68, 8, 0x06

Source Value A = 0x68, 8, 0x04

Source Value B = 0x68, 8, 0x02

Source Function A = 0x68, 9, 0x01

Source Instance A = 1

Function = 0x68, 9, 0x06

Source Value A = 0x68, 9, 0x04

Source Value B = 0x68, 9, 0x02

Source Function A = 0x68, 10, 0x01

Source Instance A = 1

Function = 0x68, 10, 0x06

Source Value A = 0x68, 10, 0x04

Source Value B = 0x68, 10, 0x02

Source Function A = 0x68, 11, 0x01

Source Instance A = 1

Function = 0x68, 11, 0x06

Source Value A = 0x68, 11, 0x04

Source Value B = 0x68, 11, 0x02

Source Function A = 0x68, 12, 0x01

Source Instance A = 1

Function = 0x68, 12, 0x06

Source Value A = 0x68, 12, 0x04

Source Value B = 0x68, 12, 0x02

Source Function A = 0x68, 13, 0x01

Source Instance A = 1

Function = 0x68, 13, 0x06

Source Value A = 0x68, 13, 0x04

Source Value B = 0x68, 13, 0x02

Source Function A = 0x68, 14, 0x01

Source Instance A = 1

Function = 0x68, 14, 0x06

Source Value A = 0x68, 14, 0x04

Source Value B = 0x68, 14, 0x02

Source Function A = 0x68, 15, 0x01

Source Instance A = 1

Function = 0x68, 15, 0x06

Source Value A = 0x68, 15, 0x04

Source Value B = 0x68, 15, 0x02

Source Function A = 0x68, 16, 0x01

Source Instance A = 1

Function = 0x68, 16, 0x06

Source Value A = 0x68, 16, 0x04

Source Value B = 0x68, 16, 0x02

Source Function A = 0x68, 17, 0x01

Source Instance A = 1

Function = 0x68, 17, 0x06

Source Value A = 0x68, 17, 0x04

Source Value B = 0x68, 17, 0x02

Source Function A = 0x68, 18, 0x01

Source Instance A = 1

Function = 0x68, 18, 0x06

Source Value A = 0x68, 18, 0x04

Source Value B = 0x68, 18, 0x02

Source Function A = 0x68, 19, 0x01

Source Instance A = 1

Function = 0x68, 19, 0x06

Source Value A = 0x68, 19, 0x04

Source Value B = 0x68, 19, 0x02

