

Inputs

Address	PowerUp	Description
0		Encoder B
1		Encoder A
2		Zero
3		Speed++
4		Coord+
5		Coord-
6		Limit max
7		Limit min
8		Peilis
9		Limit3
10		Start1
11		Start2
12		
13		
14		
15		
16		
17		

Outputs

Address	PowerUp	Description
0		
1		
2	0	Daznio keitiklis: Speed++
3	0	Daznio keitiklis: Coord+
4	0	Daznio keitiklis: Coord-
5	1	Block1 (peilio blokavimas 1)
6	1	Block2 (peilio blokavimas 2)
7	1	Light (apsvietimas)
8	0	Air (oras)
9	0	Push (prispaudimas)
10	0	Darbo signalizacija
11	0	Stabdis (R-ijungtas)
12	0	Aux
13		
14		
15		
16		

Timers

Address	PowerUp	Format	Type	Reset PW	Description
0	00:00:01.00	TIME	TD		t1000ms
1	00:00:02.00	TIME	TD		Error Display Delay (2000 ms)
5	00:00:01.00	TIME	TD		Peilio blokavimo uzlaikymas

Memory Bits

Address	PowerUp	Description
0		flgDirection+
1		flgDirection-
2		Temporary bit
3	0	flgZero
4		tchStepEditor(pozicija)
5		tchProgram +
6		tchProgram -
7	1	flgProgChange
8		flgNumber not in range
9		tchStep+
10		tchStep-
11		ProgName Field Refresh
12		flgError
13		btnResetPLC
14		Start/Stop button hide
15	0	btnStart/Stop
16		Password OK
17	0	New inserted lenght is correct flag
18	0	New inserted +/- lenght is correct
19		Sign flag (Set -, Reset +)
20		Memory Sets enable
21		M1 Field Enable
22		M2 Field Enable

23		M3Field Enable
24		M4Field Enable
25		M1Field
26		M2Field
27		M3Field
28		M4Field
29		tchPoslinkis
30		tchAbsPosition
31		Poslinkis-
32		Poslinkis+
33		btnIsvalyti Programa
34		btnCalculator
35		Calculator display refresh
36		flgCalc key pressed
37		Skaitliuko slepimas
38		Keypad: key pressed
39		Keypad:refreshdisplay
40		btn:Keypad
41		Keypad:ResultOk
42		Keypad:DP disable
43		Enkoderis sukasi(stakles vaziuoja)
44		1s pulse
45		btnClear memory
46		Rodyti Absoliucia pozicija
47		Pjovimas galimas
48	0	Init Ok - inicializacija,kalibravimas ok
49	0	Limit SW is Active!
50		Help Button
51		Manual Button
52		Program Button
53		Settings
54		Statistic
55	0	MAX limit is set
56	0	Zero is set
57	1	/Init - inversija Init
59		Run Program Button
60		btnBack
61	0	Start-Up Display is Displayed
63	0	btnLight
65		Edit Row
66	0	Step Editor is Displayed
67	0	Program Mode display isDisplayed
68	0	Settings isDisplayed
69	0	Manual Mode display isDisplayed
70		Air -2
71		Air -1
72	0	Air 0
73		Air +1
74		Air +2
76	1	Fi disable bit
77	1	F4 disable bit
80	0	Tune
91		
100		NUM->BIT converter vector (20 bits /5 digits).Digit0
104		BIT->NUM:Digit1
108		BIT->NUM:Digit2
112		BIT->NUM:Digit3
116		BIT->NUM:Digit4
150		HideRow -2 (Eilutes gesinimas lenteleje)
160		HideRow -1 (Eilutes gesinimas lenteleje)
171		Push 0
180		HideRow +1 (Eilutes gesinimas lenteleje)
190		HideRow +2 (Eilutes gesinimas lenteleje)
300		Key #0
301		Key #1
302		Key #2
303		Key #3
304		Key #4
305		Key #5
306		Key #6
307		Key #7
308		Key #8
309		Key #9
310		Key "+"
311		Key "-"
312		Key "X"
313		Key "/"
314		Key "="
315		Key "Del"

316		Key "C"
317		Key "Enter"
318		Key "."

Memory Integers

Address	PowerUp	Format	Description
2		DEC	Temporary register
3	0	DEC	CurrRow
4	0	DEC	CurrProgram
6	0	DEC	CurrRowOffset
7	5	DEC	Inderect adressng offset
8		DEC	Error code
10		HEX	ProgName Vector(20 bytes)
38		DEC	
40		DEC	BIT->NUM: Digit0
41		DEC	BIT->NUM: Digit1
42		DEC	BIT->NUM: Digit2
43		DEC	BIT->NUM: Digit3
44		DEC	BIT->NUM: Digit4
45		DEC	BIT->NUM: B (Digit0)
46		DEC	BIT->NUM: B (Digit1)
47		DEC	BIT->NUM: B (Digit2)
48		DEC	BIT->NUM: B (Digit3)
49		DEC	BIT->NUM: B (Digit4)
50	1	DEC	HelpTxtID
60		DEC	Digit0
61		DEC	Digit1
62		DEC	Digit2
63		DEC	Digit3
64		DEC	Digit4
67		HEX	Calculator string vector (5 registers)
72	-1	DEC	Pressed key number
73		DEC	Char code
74		DEC	Counter of keyed chars
76		HEX	Calc prevector
77		HEX	
78		HEX	
79		HEX	
80		HEX	
82		DEC	ASCII To Num: C (temp)
84		DEC	ASCII To Num: D (Factor)
86		DEC	Result
87		HEX	Result string vector
100		DEC	Keypad:counter of keyed chars
101	-1	DEC	Keypad:Pressed key number
102		HEX	Keypad:CharCode
103		HEX	Keypad:PreVector (6 registers)
110		DEC	Keypad:ASCII vector
115		DEC	Keypad:Functioncode
125		DEC	Type -2
126		DEC	Type -1
127		DEC	Type 0
128		DEC	Type +1
129		DEC	Type +2
156		HEX	Type
157		HEX	Count
200		DEC	Program Description

DoubleWords

Address	PowerUp	Format	Description
0		DEC	Encoder counter
1	0	DEC	RevCounter
2		DEC	Temporary register
3		DEC	LastCounter
4		DEC	Keypad:ASCII->Numfactor
5		DEC	Keypad:ASCII->Numresult
6	0	DEC	Memory M1
7	0	DEC	Memory M2
8		DEC	
9	0	DEC	Memory M4
10	40	DEC	Corekcija stabdymui
11	10000	DEC	MIN coord
12	83000	DEC	MAX coord
13		DEC	Abs.pozicija su korekcija isankstiniam stabdymui
14	9000	DEC	Absolut position for manual mode
15		DEC	ML->DW function result

16		DEC	New position temporary register
17		DEC	Poslinkis greitam pozicijos koregavimui
19		DEC	Skaicius BCD konvertavimui
20		HEX	Encoder NUM to BCD converter vector
25		DEC	NUM->BCD function input number
40		DEC	Position -2
41		DEC	Position -1
42		DEC	Position 0
43		DEC	Position +1
44		DEC	Position +2
50		DEC	
60		DEC	Absoliucia pozicija temp
79		DEC	temp-10
80		DEC	temp
81		DEC	temp+10
83		DEC	LastCounter-10
84		DEC	LastCounter+10
86		DEC	tmp1

Counters

Address	PowerUp	Format	Description
0	2	DEC	HelpTxtDelay
1	10	DEC	Press Button Counter
2	40	DEC	Rows counter