## Robot CPU board <VS-RC003/VS-RC003HV> List of Variables

locked-in variable	
defined variable	
not defined variable	

Variable	Brief	Read/Write	comment
	Pose Slider bar number 0	_	
0	Output CN1-1 servo motor	Read	
4	Pose Slider bar number 1	Dood	Internalation Type is Cubic coline internalation
1	Output CN1-2 servo motor Pose Slider bar number 2	Read	Interpolation Type is Cubic spline interpolation
2	Output CN1-3 servo motor	Read	Interpolation Type is Cubic spline interpolation
	Pose Slider bar number 3	rtodu	interpolation Type is Gable spille interpolation
3	Output CN1-4 servo motor	Read	Interpolation Type is Cubic spline interpolation
	Pose Slider bar number 4		
4	Output CN1-5 servo motor	Read	Interpolation Type is Cubic spline interpolation
_	Pose Slider bar number 5	ъ .	
5	Output CN1-6 servo motor Pose Slider bar number 6	Read	Interpolation Type is Cubic spline interpolation
6	Output CN1-1 servo motor	Read	Interpolation Type is Cubic spline interpolation
- 0	Pose Slider bar number 7	Nead	interpolation Type is Gabie spilite interpolation
7	Output CN1-2 servo motor	Read	Interpolation Type is Cubic spline interpolation
	Pose Slider bar number 8		
8	Output CN1-3 servo motor	Read	Interpolation Type is Cubic spline interpolation
	Pose Slider bar number 9	D	Internalation Trace is Orbits and
9	Output CN1-4 servo motor Pose Slider bar number 10	Read	Interpolation Type is Cubic spline interpolation
10	Output CN1-5 servo motor	Read	Interpolation Type is Cubic spline interpolation
10	Pose Slider bar number 11	Nead	interpolation Type is Gable spilite interpolation
11	Output CN1-6 servo motor	Read	Interpolation Type is Cubic spline interpolation
	Pose Slider bar number 12		
12	Output CN1-1 servo motor	Read	Interpolation Type is Cubic spline interpolation
40	Pose Slider bar number 13	DI	laternalistica Torra is Orbita salina internalistica
13	Output CN1-2 servo motor Pose Slider bar number 14	Read	Interpolation Type is Cubic spline interpolation
14	Output CN1-3 servo motor	Read	Interpolation Type is Cubic spline interpolation
	Pose Slider bar number 15		merperation type to cause opinio merperation
15	Output CN1-4 servo motor	Read	Interpolation Type is Cubic spline interpolation
	Pose Slider bar number 16		
16	Output CN1-5 servo motor	Read	Interpolation Type is Cubic spline interpolation
17	Pose Slider bar number 17 Output CN1-6 servo motor	Read	Interpolation Type is Cubic spline interpolation
- 17	Pose Slider bar number 18	Nead	interpolation Type is Gable spilite interpolation
18	Output CN1-1 servo motor	Read	Interpolation Type is Cubic spline interpolation
	Pose Slider bar number 19		
19	Output CN1-2 servo motor	Read	Interpolation Type is Cubic spline interpolation
20	Pose Slider bar number 20	Bood	Internalation Type is Cubic online internalation
20	Output CN1-3 servo motor Pose Slider bar number 21	Read	Interpolation Type is Cubic spline interpolation
21	Output CN1-4 servo motor	Read	Interpolation Type is Cubic spline interpolation
	Pose Slider bar number 22		, , , , , , , , , , , , , , , , , , , ,
22	Output CN1-5 servo motor	Read	Interpolation Type is Cubic spline interpolation
20	Pose Slider bar number 23		latamatatan Tan 1 O. I
23	Output CN1-6 servo motor Pose Slider bar number 24	Read	Interpolation Type is Cubic spline interpolation
24	Output CN1-1 servo motor	Read	Interpolation Type is Cubic spline interpolation
	Pose Slider bar number 25	Noau	interpolation Type is Gable spline interpolation
25	Output CN1-2 servo motor	Read	Interpolation Type is Cubic spline interpolation
	Pose Slider bar number 26		
26	Output CN1-3 servo motor	Read	Interpolation Type is Cubic spline interpolation
27	Pose Slider bar number 27	Bood	Internalation Type is Cubic online internalation
27	Output CN1-4 servo motor	Read	Interpolation Type is Cubic spline interpolation

		T	
	Pose Slider bar number 28		
28	Output CN1-5 servo motor	Read	Interpolation Type is Cubic spline interpolation
	Pose Slider bar number 29		
29	Output CN1-6 servo motor	Read	Interpolation Type is Cubic spline interpolation
00	Pose Slider bar number 30	Б	
30	Output audio	Read	Interpolation Type is Switching before transition
	Pose Slider bar number 31		
0.4	VS-IX001(Gyro/acceleration board)	Danil	letenedation Torre is Orbit seller intermelation
31	Gyro X-axis gain Pose Slider bar number 32	Read	Interpolation Type is Cubic spline interpolation
22	VS-IX001(Gyro/acceleration board)	Dood	Interpolation Type is Cubic online interpolation
32	Gyro Y-axis gain Pose Slider bar number 33	Read	Interpolation Type is Cubic spline interpolation
33	VS-IX004(LED board) DUTY0	Read	Interpolation Type is Cubic coline interpolation
33	Pose Slider bar number 34	Neau	Interpolation Type is Cubic spline interpolation
	VS-IX004(LED board)		
34	DUTY1	Read	Interpolation Type is Cubic spline interpolation
34	Pose Slider bar number 35	Neau	Interpolation Type is Gubic Spilite Interpolation
	VS-IX004(LED board)		
35	PCS0	Read	Interpolation Type is Cubic spline interpolation
- 55	Pose Slider bar number 36	Neau	interpolation Type is Gubic spille interpolation
	VS-IX004(LED board)		
36	PCS1	Read	Interpolation Type is Cubic spline interpolation
	Pose Slider bar number 37	Nodu	interpolation Type is Gabie spille interpolation
	VS-IX004(LED board)		
37	SEL0	Read	Interpolation Type is Switching before transition
	Pose Slider bar number 38	rtodd	mitorpolation Type is differential general translation
	VS-IX004(LED board)		
38	SEL1	Read	Interpolation Type is Switching before transition
	Pose Slider bar number 39		
	VS-IX007(Digital I/O board)		
39	I/O 0-7ch Output reference variables	Read	Interpolation Type is Switching before transition
	Pose Slider bar number 40		71
	VS-IX007(Digital I/O board)		
40	I/O 8-15ch Output reference variables	Read	Interpolation Type is Switching before transition
41	Pose Slider bar number 41	Read	Interpolation Type is No interpolation
42	Pose Slider bar number 42	Read	Interpolation Type is No interpolation
43	Pose Slider bar number 43	Read	Interpolation Type is No interpolation
44	Pose Slider bar number 44	Read	Interpolation Type is No interpolation
45	Pose Slider bar number 45	Read	Interpolation Type is No interpolation
46	Pose Slider bar number 46	Read	Interpolation Type is No interpolation
47	Pose Slider bar number 47	Read	Interpolation Type is No interpolation
48	Pose Slider bar number 48	Read	Interpolation Type is No interpolation
49	Pose Slider bar number 49	Read	Interpolation Type is No interpolation
50	Pose Slider bar number 50	Read	Interpolation Type is No interpolation
51	Pose Slider bar number 51	Read	Interpolation Type is No interpolation
52	Pose Slider bar number 52	Read	Interpolation Type is No interpolation
53	Pose Slider bar number 53	Read	Interpolation Type is No interpolation
54	Pose Slider bar number 54	Read	Interpolation Type is No interpolation
<u>55</u>	Pose Slider bar number 55	Read	Interpolation Type is No interpolation
<u>56</u>	Pose Slider bar number 56	Read	Interpolation Type is No interpolation
<u>57</u>	Pose Slider bar number 57	Read	Interpolation Type is No interpolation
58 59	Pose Slider bar number 58	Read	Interpolation Type is No interpolation
60	Pose Slider bar number 59	Read	Interpolation Type is No interpolation
61	Pose Slider bar number 60 Pose Slider bar number 61	Read Read	Interpolation Type is No interpolation Interpolation Type is No interpolation
UI	Setting of joint free function	NEau	interpolation Type is no interpolation
62	CN1-1 to CN3-4	Read	Interpolation Type is Switching before transition (Fixed)
02	Setting of joint free function	NEau	Interpolation Type is Switching before transition (Fixed)
63	CN3-5 to CN5-6	Read	Interpolation Type is Switching before transition (Fixed)
64	User's variable	Read/Write	user definable
65	User's variable	Read/Write	user definable user definable
66	User's variable	Read/Write	user definable
67	User's variable	Read/Write	user definable
68	User's variable	Read/Write	user definable
00	OUDI O VALIADIO	Noau/ Will	นอบา นบาทเฉมเซ

69	User's variable	Read/Write	user definable
70	User's variable	Read/Write	user definable
71	User's variable	Read/Write	user definable
72	User's variable	Read/Write	user definable
73	User's variable	Read/Write	user definable
74	User's variable	Read/Write	user definable
75	User's variable	Read/Write	user definable
76	User's variable	Read/Write	user definable
77	User's variable	Read/Write	user definable
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80	User's variable	Read/Write	user definable
81	User's variable	Read/Write	user definable
82	User's variable	Read/Write	user definable
83	User's variable	Read/Write	user definable
84	User's variable	Read/Write	user definable
85	User's variable		
		Read/Write	user definable
86	User's variable	Read/Write	user definable
87	User's variable	Read/Write	user definable
88	User's variable	Read/Write	user definable
89	User's variable	Read/Write	user definable
90	User's variable	Read/Write	user definable
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93	User's variable	Read/Write	user definable
94	User's variable	Read/Write	user definable
95	User's variable	Read/Write	user definable
96	User's variable	Read/Write	user definable
97	User's variable	Read/Write	user definable
98	User's variable	Read/Write	user definable
99	User's variable	Read/Write	user definable
100	User's variable	Read/Write	user definable
101	User's variable	Read/Write	user definable
102	User's variable	Read/Write	user definable
103	User's variable	Read/Write	user definable
104	User's variable	Read/Write	user definable
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106	User's variable	Read/Write	user definable
107	User's variable	Read/Write	user definable
108	User's variable	Read/Write	user definable
109	User's variable	Read/Write	user definable
110	User's variable	Read/Write	user definable
111	User's variable	Read/Write	user definable
112	User's variable	Read/Write	user definable
113	User's variable	Read/Write	user definable
114	User's variable	Read/Write	user definable
115	User's variable	Read/Write	user definable
116	User's variable	Read/Write	user definable
117	User's variable	Read/Write	user definable
118	User's variable	Read/Write	user definable
119			user definable
	User's variable	Read/Write	
120	User's variable	Read/Write	user definable
121	User's variable	Read/Write	user definable
122	User's variable	Read/Write	user definable
123	User's variable	Read/Write	user definable
124	User's variable	Read/Write	user definable
125	User's variable	Read/Write	user definable
126	User's variable	Read/Write	user definable
127	User's variable	Read/Write	user definable
	VS-IX001(Gyro/acceleration board)		
128	status	Read	a variable for VS-RC003 IXBUS option board
	VS-IX001(Gyro/acceleration board)	-	
129	acceleration sensor X-axis data	Read	a variable for VS-RC003 IXBUS option board
123		Noau	a variable for vo-110000 1/1000 option boata
400	VS-IX001(Gyro/acceleration board)	D 1	a variable for VO DOCCO IVDUO (1)
130	acceleration sensor Y-axis data	Read	a variable for VS-RC003 IXBUS option board

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404	VS-IX001(Gyro/acceleration board)	Б	: I.I. ( ) (
131	vs-IX001(Gyro/acceleration board)	Read	a variable for VS-RC003 IXBUS option board
132	Gyro sensor X-axis data	Read	a variable for VS-RC003 IXBUS option board
102	VS-IX001(Gyro/acceleration board)	rtead	a variable for ve recode indee option board
133	Gyro sensor Y-axis data	Read	a variable for VS-RC003 IXBUS option board
	VS-IX004(LED board)	_	
134	status	Read	a variable for VS-RC003 IXBUS option board
135	VS-IX007(digital I/O board) status	Read	a variable for VS-RC003 IXBUS option board
100	VS-IX007(digital I/O board)	rtodd	a variable for ve reduce in Boe option board
136	I/O 1-7ch Input data	Read	a variable for VS-RC003 IXBUS option board
407	VS-IX007(digital I/O board)	Б	: II ( )(0 B0000 I)(BU0 (: I
137	I/O 8-15ch Input data VS-IX008(analogue input board)	Read	a variable for VS-RC003 IXBUS option board
138	status	Read	a variable for VS-RC003 IXBUS option board
	VS-IX008(analogue input board)	1100.0	a ramano in re riccio maso opinem soara
139	ch0 data	Read	a variable for VS-RC003 IXBUS option board
140	VS-IX008(analogue input board)	Dood	a variable for VC DC002 IVDIC entire beard
140	ch1 data VS-IX008(analogue input board)	Read	a variable for VS-RC003 IXBUS option board
141	ch2 data	Read	a variable for VS-RC003 IXBUS option board
	VS-IX008(analogue input board)		
142	ch3 data	Read	a variable for VS-RC003 IXBUS option board
1/12	VS-IX008(analogue input board)	Read	a variable for VS_BC002 IVPUS entire heard
143	VS-IX008(analogue input board)	Reau	a variable for VS-RC003 IXBUS option board
144	ch5 data	Read	a variable for VS-RC003 IXBUS option board
	VS-IX008(analogue input board)		
145	ch6 data	Read	a variable for VS-RC003 IXBUS option board
146	VS-IX008(analogue input board) ch7 data	Read	a variable for VS-RC003 IXBUS option board
140	CIT data	Neau	a variable for VS-RC003 IXBUS option board, In days
147		Read/Write	ahead, It will be defined as a variable for other device
			a variable for VS-RC003 IXBUS option board, In days
148		Read/Write	ahead, It will be defined as a variable for other device
149		Read/Write	a variable for VS-RC003 IXBUS option board, In days ahead, It will be defined as a variable for other device
140		rtcaa/ wiitc	a variable for VS-RC003 IXBUS option board, In days
150		Read/Write	ahead, It will be defined as a variable for other device
		5 1000	a variable for VS-RC003 IXBUS option board, In days
151		Read/Write	ahead, It will be defined as a variable for other device a variable for VS-RC003 IXBUS option board, In days
152		Read/Write	ahead, It will be defined as a variable for other device
.02		rtoda, mito	a variable for VS-RC003 IXBUS option board, In days
153		Read/Write	ahead, It will be defined as a variable for other device
454		Dood /\//=:+=	a variable for VS-RC003 IXBUS option board, In days
154		Read/Write	ahead, It will be defined as a variable for other device a variable for VS-RC003 IXBUS option board, In days
155		Read/Write	ahead, It will be defined as a variable for other device
			a variable for VS-RC003 IXBUS option board, In days
156		Read/Write	ahead, It will be defined as a variable for other device
157		Read/Write	a variable for VS-RC003 IXBUS option board, In days ahead, It will be defined as a variable for other device
131		Noau/ Wille	a variable for VS-RC003 IXBUS option board, In days
158		Read/Write	ahead, It will be defined as a variable for other device
			a variable for VS-RC003 IXBUS option board, In days
159		Read/Write	ahead, It will be defined as a variable for other device
160		Read/Write	a variable for VS-RC003 IXBUS option board, In days ahead, It will be defined as a variable for other device
100		1.5dd/ Willo	a variable for VS-RC003 IXBUS option board, In days
161		Read/Write	ahead, It will be defined as a variable for other device
400		D 1/04/24	a variable for VS-RC003 IXBUS option board, In days
162		Read/Write	ahead, It will be defined as a variable for other device a variable for VS-RC003 IXBUS option board, In days
163		Read/Write	ahead, It will be defined as a variable for other device
100		NOGG/ WIILO	ansas, it till so actilled do a validate for ether device

			a variable for VS-RC003 IXBUS option board, In days
164		Read/Write	ahead, It will be defined as a variable for other device
105		Dood ////rito	a variable for VS-RC003 IXBUS option board, In days
165		Read/Write	ahead, It will be defined as a variable for other device a variable for VS-RC003 IXBUS option board, In days
166		Read/Write	ahead, It will be defined as a variable for other device
100		rtodd/ Wiito	a variable for VS-RC003 IXBUS option board, In days
167		Read/Write	ahead, It will be defined as a variable for other device
			a variable for VS-RC003 IXBUS option board, In days
168		Read/Write	ahead, It will be defined as a variable for other device
160		Dood /Write	a variable for VS-RC003 IXBUS option board, In days
169		Read/Write	ahead, It will be defined as a variable for other device a variable for VS-RC003 IXBUS option board, In days
170		Read/Write	ahead, It will be defined as a variable for other device
			a variable for VS-RC003 IXBUS option board, In days
171		Read/Write	ahead, It will be defined as a variable for other device
470		D 1/04/3	a variable for VS-RC003 IXBUS option board, In days
172		Read/Write	ahead, It will be defined as a variable for other device a variable for VS-RC003 IXBUS option board, In days
173		Read/Write	ahead, It will be defined as a variable for other device
170		TOOG WITE	a variable for VS-RC003 IXBUS option board, In days
174		Read/Write	ahead, It will be defined as a variable for other device
			a variable for VS-RC003 IXBUS option board, In days
175		Read/Write	ahead, It will be defined as a variable for other device
176		Read/Write	a variable for VS-RC003 IXBUS option board, In days
170		Reau/ Wille	ahead, It will be defined as a variable for other device a variable for VS-RC003 IXBUS option board, In days
177		Read/Write	ahead, It will be defined as a variable for other device
			a variable for VS-RC003 IXBUS option board, In days
178		Read/Write	ahead, It will be defined as a variable for other device
470		D 1 / \	a variable for VS-RC003 IXBUS option board, In days
179		Read/Write	ahead, It will be defined as a variable for other device a variable for VS-RC003 IXBUS option board, In days
180		Read/Write	ahead, It will be defined as a variable for other device
			a variable for VS-RC003 IXBUS option board, In days
181		Read/Write	ahead, It will be defined as a variable for other device
400		D 1/04/3	a variable for VS-RC003 IXBUS option board, In days
182		Read/Write	ahead, It will be defined as a variable for other device a variable for VS-RC003 IXBUS option board, In days
183		Read/Write	ahead, It will be defined as a variable for other device
100		Ttoday Wilto	a variable for VS-RC003 IXBUS option board, In days
184		Read/Write	ahead, It will be defined as a variable for other device
			a variable for VS-RC003 IXBUS option board, In days
185		Read/Write	ahead, It will be defined as a variable for other device
186		Read/Write	a variable for VS-RC003 IXBUS option board, In days ahead, It will be defined as a variable for other device
100		Ttoday Wilto	a variable for VS-RC003 IXBUS option board, In days
187		Read/Write	ahead, It will be defined as a variable for other device
400			a variable for VS-RC003 IXBUS option board, In days
188		Read/Write	ahead, It will be defined as a variable for other device
189		Read/Write	a variable for VS-RC003 IXBUS option board, In days ahead, It will be defined as a variable for other device
100		RODAL WITE	a variable for VS-RC003 IXBUS option board, In days
190		Read/Write	ahead, It will be defined as a variable for other device
			a variable for VS-RC003 IXBUS option board, In days
191	Overwide for some transfer (OMA)	Read/Write	ahead, It will be defined as a variable for other device
192 193	Override for servo motor(CN1-1) Override for servo motor(CN1-2)	Write Write	default value is x8000 = no operation default value is x8000 = no operation
193	Override for servo motor(CN1-2)	Write	default value is x8000 = no operation
195	Override for servo motor(CN1-4)	Write	default value is x8000 = no operation
196	Override for servo motor(CN1-5)	Write	default value is x8000 = no operation
197	Override for servo motor(CN1-6)	Write	default value is x8000 = no operation
198	Override for serve meter(CN2-1)	Write	default value is x8000 = no operation
199 200	Override for servo motor(CN2-2) Override for servo motor(CN2-3)	Write Write	default value is x8000 = no operation default value is x8000 = no operation
201	Override for servo motor(CN2-3)	Write	default value is x8000 = no operation
			,

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202	Override for servo motor(CN2-5)	Write	default value is x8000 = no operation
203	Override for servo motor(CN2-6)	Write	default value is x8000 = no operation
204	Override for servo motor(CN3-1)	Write	default value is x8000 = no operation
205	Override for servo motor(CN3-2)	Write	default value is x8000 = no operation
206	Override for servo motor(CN3-3)	Write	default value is x8000 = no operation
207	Override for servo motor(CN3-4)	Write	default value is x8000 = no operation
208	Override for servo motor(CN3-5)	Write	default value is x8000 = no operation
209	Override for servo motor(CN3-6)	Write	default value is x8000 = no operation
210	Override for servo motor(CN4-1)	Write	default value is x8000 = no operation
211	Override for servo motor(CN4-2)	Write	default value is x8000 = no operation
212	Override for servo motor(CN4-3)	Write	default value is x8000 = no operation
213	Override for servo motor(CN4-4)	Write	default value is x8000 = no operation
214	Override for servo motor(CN4-5)	Write	default value is x8000 = no operation
215	Override for servo motor(CN4-6)	Write	default value is x8000 = no operation
216	Override for servo motor(CN5-1)	Write	default value is x8000 = no operation
217	Override for servo motor(CN5-2)	Write	default value is x8000 = no operation
218	Override for servo motor(CN5-3)	Write	default value is x8000 = no operation
219	Override for servo motor(CN5-4)	Write	default value is x8000 = no operation
220	Override for servo motor(CN5-5)	Write	default value is x8000 = no operation
221	Override for servo motor(CN5-6)	Write	default value is x8000 = no operation
222	reserved	Read/Write	
223	reserved	Read/Write	
224	reserved	Read/Write	
225	reserved	Read/Write	
226	reserved	Read/Write	
227	reserved	Read/Write	
228	reserved	Read/Write	
229	reserved	Read/Write	
230		Read/Write	
	reserved		
231	reserved	Read/Write	
232	reserved	Read/Write	
233	reserved	Read/Write	
234	reserved	Read/Write	
235	reserved	Read/Write	
236	reserved	Read/Write	
237	reserved	Read/Write	
238	DIP switch	Read	0-9
239	Battery voltage	Read	4.0V=4000
240	controller type	Read	not connect=0, gamepad=1, Probo=2, RRC-T11=3
241	controller buttom input 1	Read	1. January 1, January 1, 1. 1000 mj 11110 11110
242	controller buttom input 2	Read	
243	gamepad vibration	Write	
	gamepad analogue right stick		
244	lateral direction	Read	from -127 to +128
	gamepad analogue right stick		-
245	vertical direction	Read	from -127 to +128
240		Neau	110111 - 121 (0 + 120
212	gamepad analogue left stick		( 407 : 400
246	lateral direction	Read	from -127 to +128
	gamepad analogue left stick		
247	vertical direction	Read	from -127 to +128
	gamepad: SELECT+tri,sq,cir,cross		
248	Probo: SW1 input status	Read	controller map number
			CONTIONEL MAP HUMBEL
249	Probo: SW2 input status	Read	
	gamepad: analogue stick operation		
250	ON/OFF	Read	
	gamepad: SELECT+START input status		
251	Probo: SW4 input status	Read	servo motor ON/OFF OFF=0, ON=1
252	servo motor enable timer	Write	30170 1110101 0117 011 -0, 011-1
253	reserved	Read/Write	
254	reserved	Read/Write	
255	reserved	Read/Write	
200			