

GPIO 14/RXD0: Serial Receive
 GPIO 15/TXD0: Serial Transmit
 GPIO 5: Encoder 1 Output A
 GPIO 6: Encoder 1 Output B
 GPIO 20: Encoder 2 Output A
 GPIO 21: Encoder 2 Output B
 GPIO 16: Emergency Stop
 (LOW == Stop)

Pin	GPIO	Function	Pin	GPIO	Function
1	40	NC	21	5	GPIO5
2	52	NC	22	6	GPIO6
3	53	NC	23	7	GPIO7
4	54	NC	24	8	GPIO8
5	55	NC	25	9	GPIO9
6	56	NC	26	10	GPIO10
7	57	NC	27	11	GPIO11
8	58	NC	28	12	GPIO12
9	59	NC	29	13	GPIO13
10	60	NC	30	14	GPIO14
11	61	NC	31	15	GPIO15
12	62	NC	32	16	GPIO16
13	63	NC	33	17	GPIO17
14	64	NC	34	18	GPIO18
15	65	NC	35	19	GPIO19
16	66	NC	36	20	GPIO20
17	67	NC	37	21	GPIO21
18	68	NC	38	22	GPIO22
19	69	NC	39	23	GPIO23
20	70	NC	40	24	GPIO24
21	71	NC	41	25	GPIO25
22	72	NC	42	26	GPIO26
23	73	NC	43	27	GPIO27
24	74	NC	44	28	GPIO28
25	75	NC	45	29	GPIO29
26	76	NC	46	30	GPIO30
27	77	NC	47	31	GPIO31
28	78	NC	48	32	GPIO32
29	79	NC	49	33	GPIO33
30	80	NC	50	34	GPIO34
31	81	NC	51	35	GPIO35
32	82	NC	52	36	GPIO36
33	83	NC	53	37	GPIO37
34	84	NC	54	38	GPIO38
35	85	NC	55	39	GPIO39
36	86	NC	56	40	GPIO40
37	87	NC	57	41	GPIO41
38	88	NC	58	42	GPIO42
39	89	NC	59	43	GPIO43
40	90	NC	60	44	GPIO44
41	91	NC	61	45	GPIO45
42	92	NC	62	46	GPIO46
43	93	NC	63	47	GPIO47
44	94	NC	64	48	GPIO48
45	95	NC	65	49	GPIO49
46	96	NC	66	50	GPIO50
47	97	NC	67	51	GPIO51
48	98	NC	68	52	GPIO52
49	99	NC	69	53	GPIO53
50	100	NC	70	54	GPIO54
51	101	NC	71	55	GPIO55
52	102	NC	72	56	GPIO56
53	103	NC	73	57	GPIO57
54	104	NC	74	58	GPIO58
55	105	NC	75	59	GPIO59
56	106	NC	76	60	GPIO60
57	107	NC	77	61	GPIO61
58	108	NC	78	62	GPIO62
59	109	NC	79	63	GPIO63
60	110	NC	80	64	GPIO64
61	111	NC	81	65	GPIO65
62	112	NC	82	66	GPIO66
63	113	NC	83	67	GPIO67
64	114	NC	84	68	GPIO68
65	115	NC	85	69	GPIO69
66	116	NC	86	70	GPIO70
67	117	NC	87	71	GPIO71
68	118	NC	88	72	GPIO72
69	119	NC	89	73	GPIO73
70	120	NC	90	74	GPIO74
71	121	NC	91	75	GPIO75
72	122	NC	92	76	GPIO76
73	123	NC	93	77	GPIO77
74	124	NC	94	78	GPIO78
75	125	NC	95	79	GPIO79
76	126	NC	96	80	GPIO80
77	127	NC	97	81	GPIO81
78	128	NC	98	82	GPIO82
79	129	NC	99	83	GPIO83
80	130	NC	100	84	GPIO84
81	131	NC	101	85	GPIO85
82	132	NC	102	86	GPIO86
83	133	NC	103	87	GPIO87
84	134	NC	104	88	GPIO88
85	135	NC	105	89	GPIO89
86	136	NC	106	90	GPIO90
87	137	NC	107	91	GPIO91
88	138	NC	108	92	GPIO92
89	139	NC	109	93	GPIO93
90	140	NC	110	94	GPIO94
91	141	NC	111	95	GPIO95
92	142	NC	112	96	GPIO96
93	143	NC	113	97	GPIO97
94	144	NC	114	98	GPIO98
95	145	NC	115	99	GPIO99
96	146	NC	116	100	GPIO100
97	147	NC	117	101	GPIO101
98	148	NC	118	102	GPIO102
99	149	NC	119	103	GPIO103
100	150	NC	120	104	GPIO104
101	151	NC	121	105	GPIO105
102	152	NC	122	106	GPIO106
103	153	NC	123	107	GPIO107
104	154	NC	124	108	GPIO108
105	155	NC	125	109	GPIO109
106	156	NC	126	110	GPIO110
107	157	NC	127	111	GPIO111
108	158	NC	128	112	GPIO112
109	159	NC	129	113	GPIO113
110	160	NC	130	114	GPIO114
111	161	NC	131	115	GPIO115
112	162	NC	132	116	GPIO116
113	163	NC	133	117	GPIO117
114	164	NC	134	118	GPIO118
115	165	NC	135	119	GPIO119
116	166	NC	136	120	GPIO120
117	167	NC	137	121	GPIO121
118	168	NC	138	122	GPIO122
119	169	NC	139	123	GPIO123
120	170	NC	140	124	GPIO124
121	171	NC	141	125	GPIO125
122	172	NC	142	126	GPIO126
123	173	NC	143	127	GPIO127
124	174	NC	144	128	GPIO128
125	175	NC	145	129	GPIO129
126	176	NC	146	130	GPIO130
127	177	NC	147	131	GPIO131
128	178	NC	148	132	GPIO132
129	179	NC	149	133	GPIO133
130	180	NC	150	134	GPIO134
131	181	NC	151	135	GPIO135
132	182	NC	152	136	GPIO136
133	183	NC	153	137	GPIO137
134	184	NC	154	138	GPIO138
135	185	NC	155	139	GPIO139
136	186	NC	156	140	GPIO140
137	187	NC	157	141	GPIO141
138	188	NC	158	142	GPIO142
139	189	NC	159	143	GPIO143
140	190	NC	160	144	GPIO144
141	191	NC	161	145	GPIO145
142	192	NC	162	146	GPIO146
143	193	NC	163	147	GPIO147
144	194	NC	164	148	GPIO148
145	195	NC	165	149	GPIO149
146	196	NC	166	150	GPIO150
147	197	NC	167	151	GPIO151
148	198	NC	168	152	GPIO152
149	199	NC	169	153	GPIO153
150	200	NC	170	154	GPIO154
151	201	NC	171	155	GPIO155
152	202	NC	172	156	GPIO156
153	203	NC	173	157	GPIO157
154	204	NC	174	158	GPIO158
155	205	NC	175	159	GPIO159
156	206	NC	176	160	GPIO160
157	207	NC	177	161	GPIO161
158	208	NC	178	162	GPIO162
159	209	NC	179	163	GPIO163
160	210	NC	180	164	GPIO164
161	211	NC	181	165	GPIO165
162	212	NC	182	166	GPIO166
163	213	NC	183	167	GPIO167
164	214	NC	184	168	GPIO168
165	215	NC	185	169	GPIO169
166	216	NC	186	170	GPIO170
167	217	NC	187	171	GPIO171
168	218	NC	188	172	GPIO172
169	219	NC	189	173	GPIO173
170	220	NC	190	174	GPIO174
171	221	NC	191	175	GPIO175
172	222	NC	192	176	GPIO176
173	223	NC	193	177	GPIO177
174	224	NC	194	178	GPIO178
175	225	NC	195	179	GPIO179
176	226	NC	196	180	GPIO180
177	227	NC	197	181	GPIO181
178	228	NC	198	182	GPIO182
179	229	NC	199	183	GPIO183
180	230	NC	200	184	GPIO184
181	231	NC	201	185	GPIO185
182	232	NC	202	186	GPIO186
183	233	NC	203	187	GPIO187
184	234	NC	204	188	GPIO188
185	235	NC	205	189	GPIO189
186	236	NC	206	190	GPIO190
187	237	NC	207	191	GPIO191
188	238	NC	208	192	GPIO192
189	239	NC	209	193	GPIO193
190	240	NC	210	194	GPIO194
191	241	NC	211	195	GPIO195
192	242	NC	212	196	GPIO196
193	243	NC	213	197	GPIO197
194	244	NC	214	198	GPIO198
195	245	NC	215	199	GPIO199
196	246	NC	216	200	GPIO200
197	247	NC	217	201	GPIO201
198	248	NC	218	202	GPIO202
199	249	NC	219	203	GPIO203
200	250	NC	220	204	GPIO204
201	251	NC	221	205	GPIO205
202	252	NC	222	206	GPIO206
203	253	NC	223	207	GPIO207
204	254	NC	224	208	GPIO208
205	255	NC	225	209	GPIO209
206	256	NC	226	210	GPIO210
207	257	NC	227	211	GPIO211
208	258	NC	228	212	GPIO212
209	259	NC	229	213	GPIO213
210	260	NC	230	214	GPIO214
211	261	NC	231	215	GPIO215
212	262	NC	232	216	GPIO216
213	263	NC	233	217	GPIO217
214	264	NC	234	218	GPIO218
215	265	NC	235	219	GPIO219
216	266	NC	236	220	GPIO220
217	267	NC	237	221	GPIO221
218	268	NC	238	222	GPIO222
219	269	NC	239	223	GPIO223
220	270	NC	240	224	GPIO224
221	271	NC	241	225	GPIO225
222	272	NC	242	226	GPIO226
223	273	NC	243	227	GPIO227
224	274	NC	244	228	GPIO228
225	275	NC	245	229	GPIO229
226	276	NC	246	230	GPIO230
227	277	NC	247	231	GPIO231
228	278	NC	248	232	GPIO232
229	279	NC	249	233	GPIO233
230	280	NC	250	234	GPIO234
231	281	NC	251	235	GPIO235
232	282	NC	252	236	GPIO236
233	283	NC	253	237	GPIO237
234	284	NC	254	238	GPIO238
235	285	NC	255	239	GPIO239
236	286	NC	256	240	GPIO240
237	287	NC	257	241	GPIO241
238	288	NC	258	242	GPIO242