Starter Kit I/O Expansion Board Information Sheet

The Starter Kit I/O Expansion Board provides starter kit users with full access to MCU signals, additional debug headers, and connections of PICtail™ Plus daughter boards. MCU signals are available for attaching prototype circuits or monitoring signals with logic probes. Headers are provided for connecting JTAG tools or Microchip tools using the 2-wire (ICSP™) interface.

Table 1 shows the mapping between different header interfaces on the board.

TABLE 1:   HEADER INTERFACE MAPPING

J1 Pin #	J2 Pin #	J3 Pin #	J4 Pin #	J10 Pin #	J11 Pin #
1	65	65	65	1	—
3	68	68	68	4	—
4	73	73	73	—	1
5	67	67	67	3	—
6	74	74	74	—	3
7	116	116	116	5	—
8	66	66	66	—	4
9	115	115	115	6	—
10	27, 60	27, 60	27, 60	—	6
13	114	114	114	7	—
14	29, 62	29, 62	29, 62	—	5
15	113	113	113	8	—
16	30	30	30	—	8
17	112	112	112	9	—
18	28	28	28	—	7
19	111	111	111	10	—
20	105	105	105	—	10
21	110	110	110	11	—
22	106	106	106	—	9
23	109	109	109	12	—
24	99	99	99	—	12
25	98	98	98	13	—
26	100	100	100	—	11
27	104	104	104	15	—
28	97	97	97	14	—
29	103	103	103	16	—
30	89	89	89	—	14
31	90	90	90	17	—
32	—	—	—	—	13
35	85	85	85	18	—
36	—	—	—	—	16
37	86	86	86	19	—
38	—	—	—	—	15
39	87	87	87	20	—
40	96	96	96	—	18
41	88	88	88	21	—
42	95	95	95	—	17
44	94	94	94	—	20
45	35	35	35	23	—
46	93	93	93	—	19
47	37	37	37	24	—
48	—	—	—	—	21
49	39	39	39	25	—
50	—	—	—	—	24
51	33	33	33	26	—
52	—	—	—	—	23
54	102	102	102	—	26
58	101	101	101	—	25
62	—	—	—	—	29
63	77	77	77	29	—
64	14	14	14	—	30
65	—	—	—	31	—
66	13	13	13	—	31

J1 Pin #	J2 Pin #	J3 Pin #	J4 Pin #	J10 Pin #	J11 Pin #
67	—	—	—	30	—
68	—	—	—	—	32
69	—	—	—	32	—
70	12	12	12	—	33
71	43	43	43	33	—
72	11	11	11	—	34
73	44	44	44	34	—
74	40	40	40	—	36
76	38	38	38	—	38
79	49	49	49	36	—
81	50	50	50	35	—
83	17	17	17	38	—
84	6	6	6	—	35
85	18	18	18	37	—
86	8	8	8	—	37
87	—	—	—	42	—
88	2	2	2	—	41
90	4	4	4	—	43
91	3	3	3	41	—
92	20	20	20	—	45
93	5	5	5	44	—
94	19	19	19	—	47
95	7	7	7	43	—
97	1	1	1	46	—
101	79	79	79	47	—
102	—	—	—	—	52
103	80	80	80	48	—
105	81	81	81	49	—
106	52	52	52	—	42
107	82	82	82	50	—
108	51	51	51	—	44
109	—	—	—	51	—
110	34	34	34	—	46
111	—	—	—	52	—
112	36	36	36	—	48
113	45	45	45	53	—
114	—	—	—	—	51
115	46	46	46	54	—
116	—	—	—	—	53
117	—	—	—	55	—
118	72	72	72	—	54
119	—	—	—	56	—
120	71	71	71	—	56
123	—	—	—	57	—
124	70	70	70	—	58
125	—	—	—	58	—
126	69	69	69	—	60
127	83	83	83	59	—
128	—	—	—	—	55
129	84	84	84	60	—
130	78	78	78	—	57
132	—	—	—	—	59

Starter Kit I/O Expansion Board Information Sheet

Schematics – Sheet 1 of 1

DS51950A