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DS51950B



## 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 #	J1 Pin #	J2 Pin #	J3 Pin #	J4 Pin #	J10 Pin #	J11 Pin #
1	65	65	65	1	—	67	—	—	—	30	—
3	68	68	68	4	—	68	—	—	—	—	32
4	73	73	73	—	1	69	—	—	—	32	—
5	67	67	67	3	—	70	12	12	12	—	33
6	74	74	74	—	3	71	43	43	43	33	—
7	116	116	116	5	—	72	11	11	11	—	34
8	66	66	66	—	4	73	44	44	44	34	—
9	115	115	115	6	—	74	40	40	40	—	36
10	27, 60	27, 60	27, 60	—	6	76	38	38	38	—	38
13	114	114	114	7	—	79	49	49	49	36	—
14	29, 62	29, 62	29, 62	—	5	81	50	50	50	35	—
15	113	113	113	8	—	83	17	17	17	38	—
16	30	30	30	—	8	84	6	6	6	—	35
17	112	112	112	9	—	85	18	18	18	37	—
18	28	28	28	—	7	86	8	8	8	—	37
19	111	111	111	10	—	87	—	—	—	42	—
20	105	105	105	—	10	88	2	2	2	—	41
21	110	110	110	11	—	90	4	4	4	—	43
22	106	106	106	—	9	91	3	3	3	41	—
23	109	109	109	12	—	92	20	20	20	—	45
24	99	99	99	—	12	93	5	5	5	44	—
25	98	98	98	13	—	94	19	19	19	—	47
26	100	100	100	—	11	95	7	7	7	43	—
27	104	104	104	15	—	97	1	1	1	46	—
28	97	97	97	14	—	101	79	79	79	47	—
29	103	103	103	16	—	102	—	—	—	—	52
30	89	89	89	—	14	103	80	80	80	48	—
31	90	90	90	17	—	105	81	81	81	49	—
32	—	—	—	—	13	106	52	52	52	—	42
35	85	85	85	18	—	107	82	82	82	50	—
36	—	—	—	—	16	108	51	51	51	—	44
37	86	86	86	19	—	109	—	—	—	51	—
38	—	—	—	—	15	110	34	34	34	—	46
39	87	87	87	20	—	111	—	—	—	52	—
40	96	96	96	—	18	112	36	36	36	—	48
41	88	88	88	21	—	113	45	45	45	53	—
42	95	95	95	—	17	114	—	—	—	—	51
44	94	94	94	—	20	115	46	46	46	54	—
45	35	35	35	23	—	116	—	—	—	—	53
46	93	93	93	—	19	117	—	—	—	—	55
47	37	37	37	24	—	118	72	72	72	—	54
48	—	—	—	—	21	119	—	—	—	56	—
49	39	39	39	25	—	120	71	71	71	—	56
50	—	—	—	—	24	123	—	—	—	57	—
51	33	33	33	26	—	124	70	70	70	—	58
52	—	—	—	—	23	125	—	—	—	58	—
54	102	102	102	—	26	126	69	69	69	—	60
58	101	101	101	—	25	127	83	83	83	59	—
62	—	—	—	—	29	128	—	—	—	—	55
63	77	77	77	29	—	129	84	84	84	60	—
64	14	14	14	—	30	130	78	78	78	—	57
65	—	—	—	31	—	132	—	—	—	—	59
66	13	13	13	—	31						

SDA2  
SCL2

Schematic (Sheet 1 of 1)

