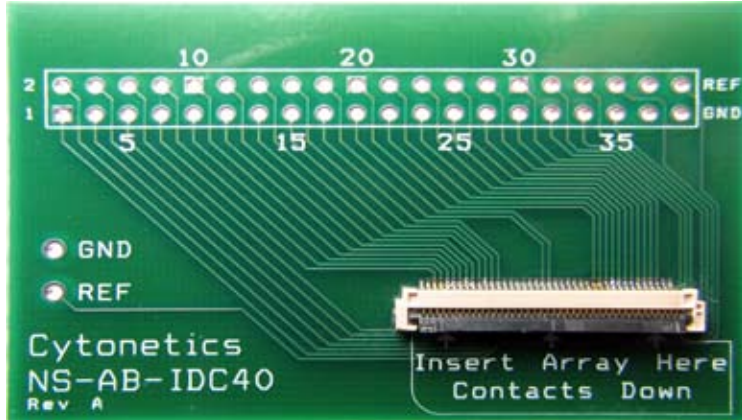


**NS-AB-IDC40**

**Revision A**

**Top View:**



**Description:**

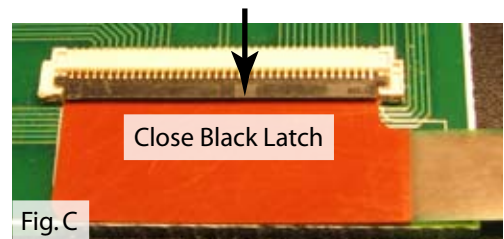
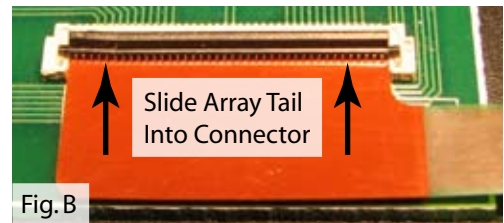
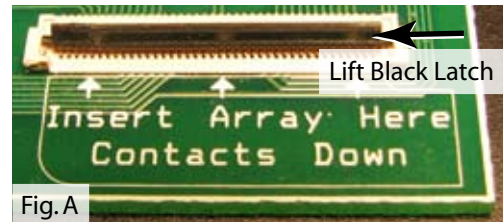
The NS-AB-IDC40 adapter board adapts the connections on an N-Slice series array (Molex 512964094) to a 40 pin insulation displacement (IDC) connector.

**Directions:**

1. Open (flip up) the black colored latch on array connector (Fig A).
2. Fully insert the tail of electrode array into connector while it is flat against the circuit board. The gold contacts on the array face down so that they are not visible when inserting the array (Fig B).
3. Close (flip down) the black colored latch on the array connector. It should make a snapping sound (Fig C).

**Note:**

The array connector has a maximum life of 50 open and close cycles. Discontinue use of adapter board at end of life for maximum connection reliability.



**Pinout:**

IDC-40 Pin	N-Slice Electrode	N-Slice Pin
1	1	19
2	2	18
3	3	17
4	4	16
5	5	15
6	6	14
7	7	3
8	8	4
9	9	5
10	10	6
11	11	7
12	12	8
13	13	9
14	14	10
15	15	11
16	16	12
17	17	13
18	18	20
35	19	21
35	20	28
35	21	29
35	22	30
23	23	31
24	24	32
25	25	33
26	26	34
27	27	35
28	28	36
29	29	37
30	30	38
31	31	27
32	32	26
33	33	25
34	34	24
35	35	23
36	36	22
37	N/C	N/C
38	N/C	N/C
39	N/C	GND (On Board)
40	N/C	REF (On Board)

N/C = No Connection

**Electrode-Array Pinout**

