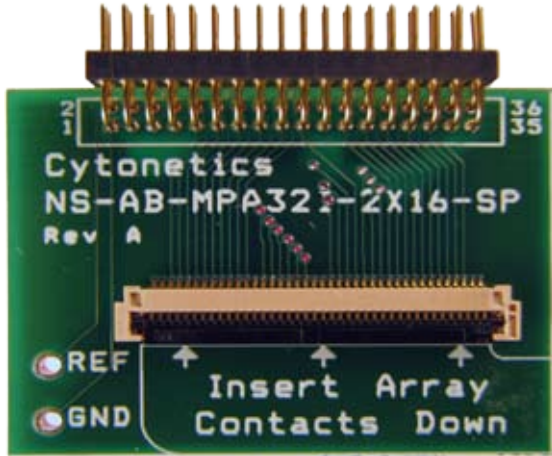


NS-AB-MPA32I-2x16-SP

Revision A

Top View:



For use with the following electrode arrays:

- SP1X16-CA175-50-2000-A
- SP1X16-CA300-50-2000-A
- SP1X16-CA450-50-2000-A
- SP1X16-CA800-50-2000-A
- SP1X16-CA175-100-2000-A
- SP1X16-CA300-100-2000-A
- SP1X16-CA450-100-2000-A
- SP1X16-CA800-100-2000-A
- SP2X16-CA300-50-2000X400-A
- SGA2X16R-CA20-60X60-1000X1000-A
- SGA2X16R-CA75-60X60-1000X1000-A
- SGA2X16R-CA175-60X60-1000X1000-A
- SGA2X16R-CA300-60X60-1000X1000-A
- SGA2X16R-CA450-60X60-1000X1000-A
- SGA2X16R-CA800-60X60-1000X1000-A
- SGA2X16R-CA1500-60X60-1000X1000-A

Description:

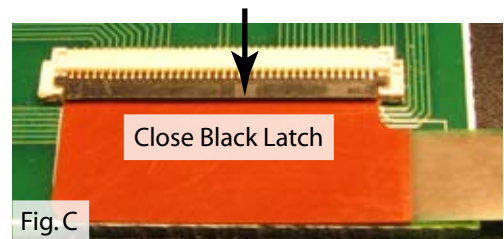
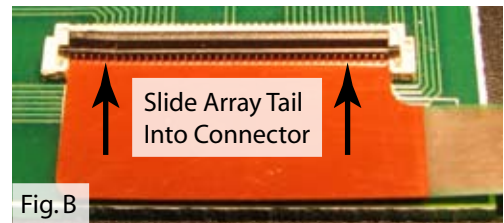
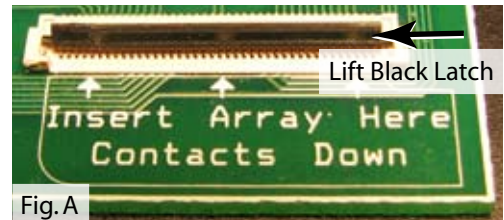
The NS-AB-MPA32I-2x16-SP adapter board connects a 36 channel N-Slice Series electrode array to a Multichannel Systems 32-Channel Miniature Preamp (MPA32I).

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.

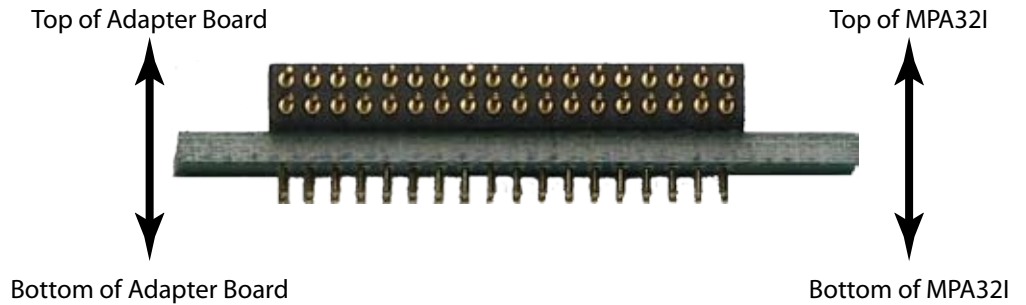


Pinout:

MPA32I Pin	MPA32I Channel	N-Slice Electrode	N-Slice Pin
3	1	1	19
4	2	2	18
5	3	3	17
6	4	4	16
7	5	5	15
8	6	6	14
9	7	7	3
10	8	8	4
11	9	9	5
12	10	10	6
13	11	11	7
14	12	12	8
15	13	13	9
16	14	14	10
17	15	15	11
18	16	16	12
35	REF	17	13
35	REF	18	20
35	REF	19	21
35	REF	20	28
23	21	21	29
24	22	22	30
25	23	23	31
26	24	24	32
27	25	25	33
28	26	26	34
29	27	27	35
30	28	28	36
31	29	29	37
32	30	30	38
33	31	31	27
34	32	32	26
19	17	33	25
20	18	34	24
21	19	35	23
22	20	36	22
36	GND	N/C	N/C
1	GND	N/C	GND (On Board)
2	REF	N/C	REF (On Board)

Note:

Connect MPA32I miniature preamplifier to the adapter board so that the mounting screws are not visible when viewing the top of the adapter board. The top of the adapter board is the side that has the connector for the electrode array. The side with no screws is considered the top side of the MPA32I amplifier.



N/C = No Connection

Electrode-Array Pinout

