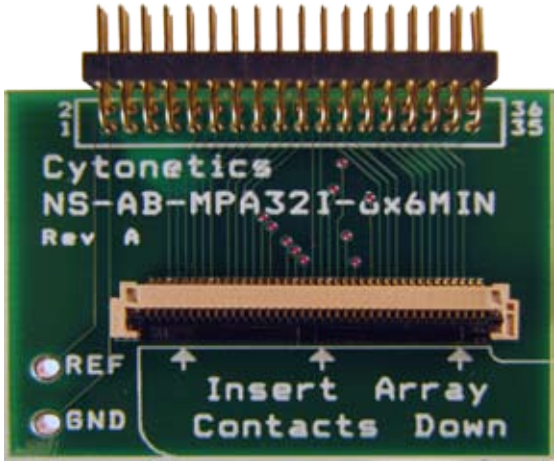
NS-AB-MPA32I-6x6-MIN

Revision A

Top View:



For use with the following electrode arrays:

SGA6X6-CA20-25X25-750X400
SGA6X6-CA75-30X30-750X440
SGA6X6-CA175-35X35-750X465
SGA6X6-CA300-40X40-750X550
SGA6X6-CA450-45X45-750X550
SGA6X6-CA800-55X55-750X600
SGA6X6-CA1500-65X65-750X650

Description:

The NS-AB-MPA32I-6x6-MIN adapter board connects a 36 channel N-Slice Series electrode array to a Multi-channel Systems 32-Channel Miniature Preamplifier (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.

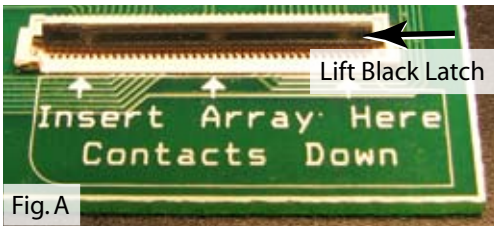


Fig. A

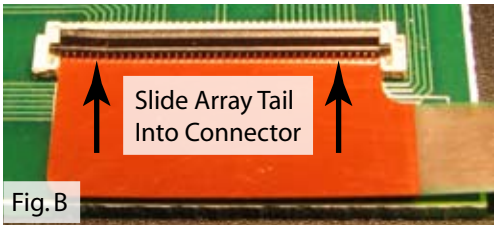


Fig. B

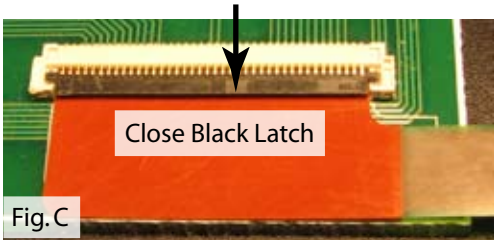


Fig. C

Cytonetics Incorporated
3963 W. 7th St. Suite 6, Los Angeles, CA 90005
Telephone: 213-810-6336
E-mail: info@cytonetics.com
Website: www.Cytonetics.com

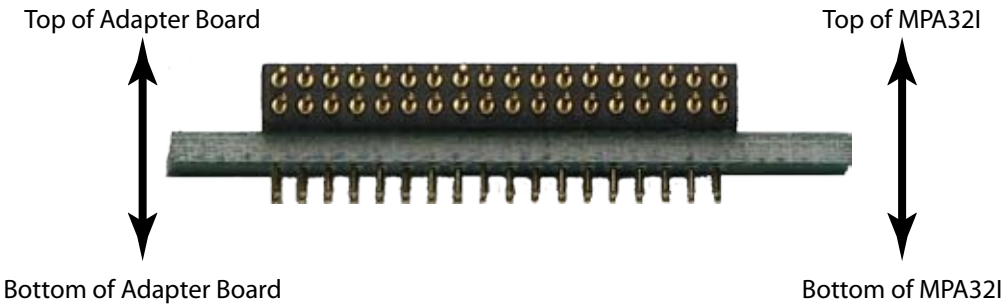
Pinout:

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

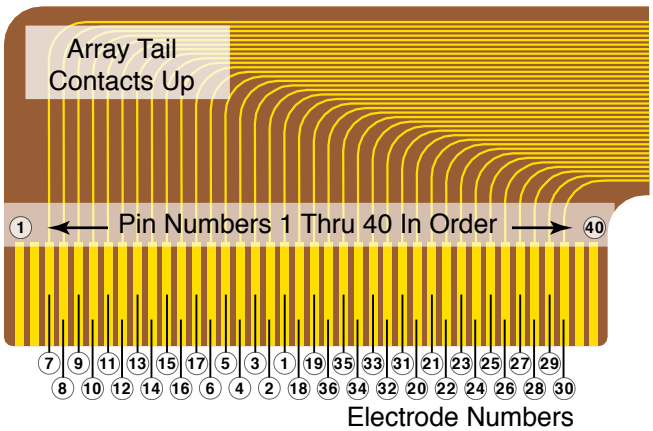
N/C = No Connection

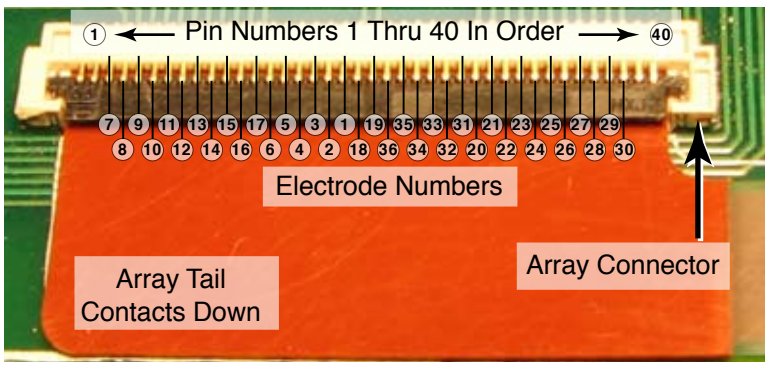
Note:

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 he MPA32I amplifier.



Electrode-Array Pinout





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