

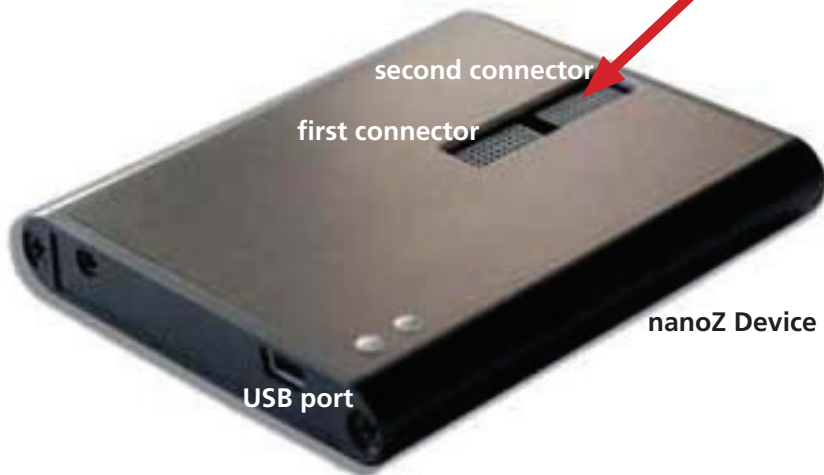
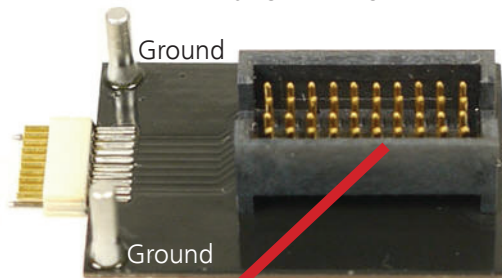
ADPT-NanoZ-NN-16

Adapter for nanoZ Device and 16-Channel NeuroNexus Probe

Application

Connect the NeuroNexus Probe NN 16 to the ADPT-nanoZ-NN-16 and the adapter to the first connector of the nanoZ device.

ADPT-NanoZ-NN-16



Pin Layout of the nanoZ. Please read nanoZ User Manual, Appendix C.

second connector

57	R2	R1	33
58	R3		34
59			35
60			36
61	62	37	38
63	64	39	40
49	50	41	42
51	52	43	44
53	54	45	46
55	56	47	48



first connector

25	R2	R1	1
26	R3		2
27			3
28			4
29	30	5	6
31	32	7	8
17	18	9	10
19	20	11	12
21	22	13	14
23	24	15	16



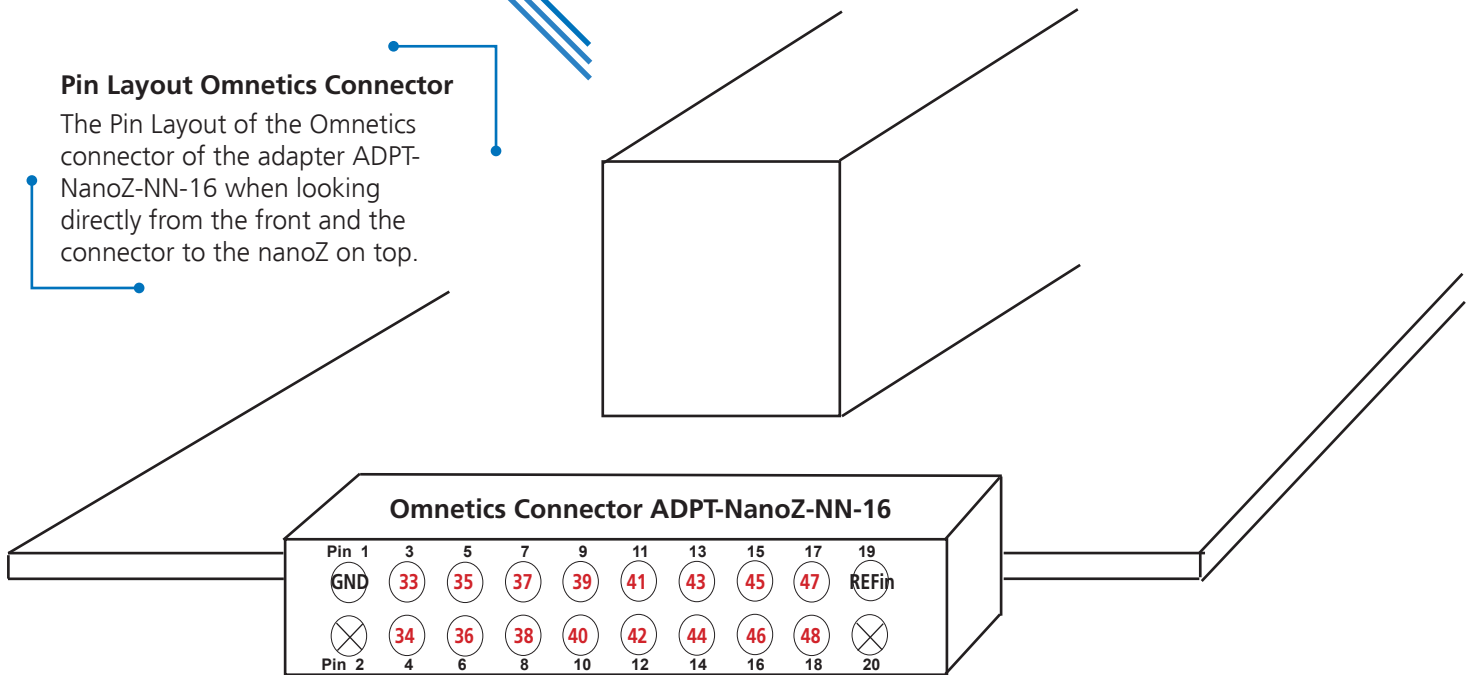
Note: Definition appropriate to the NanoZ Manual, page 36
The mapping between the nanoZ's internal 64 channel MUX and the two native Samtec connectors is depicted here (as viewed facing the connector, with the lowest channel numbers closest to the USB port end of the nanoZ

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Adapter for nanoZ Device and 16-Channel NeuroNexus Probe

Pin Layout Omnetics Connector

The Pin Layout of the Omnetics connector of the adapter ADPT-NanoZ-NN-16 when looking directly from the front and the connector to the nanoZ on top.



Pin Layout of the Omnetics Connector of the Adapter ADPT-NanoZ-NN-16

Please connect the adapter to the second connector of the nanoZ device.

Omnetics Connector

Omnetics Connector	nanoZ MUX Channels
Pin 1	Ground (R1)
Pin 2	Guide Post
Pin 3	Channel 33
Pin 4	Channel 34
Pin 5	Channel 35
Pin 6	Channel 36
Pin 7	Channel 37
Pin 8	Channel 38
Pin 9	Channel 39
Pin 10	Channel 40

Omnetics Connector

Omnetics Connector	nanoZ MUX Channels
Pin 11	Channel 41
Pin 12	Channel 42
Pin 13	Channel 43
Pin 14	Channel 44
Pin 15	Channel 45
Pin 16	Channel 46
Pin 17	Channel 47
Pin 18	Channel 48
Pin 19	Reference internal
Pin 20	Guide Post