

# ADwin-ADL Board

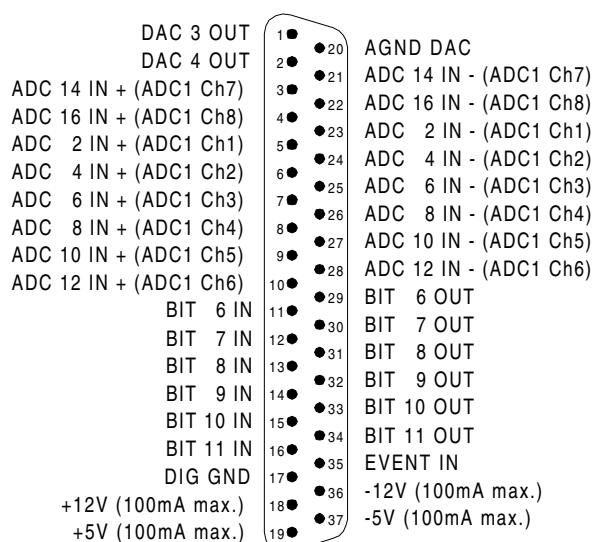
The *ADL* board is equipped, just as the *ADwin-light* board, with two analog outputs, eight analog inputs, six digital inputs, and six digital outputs.

If you use an *ADL* board, then in addition to the eight analog inputs with odd numbers, also the eight inputs with even numbers are available on the *light*-board. Moreover, analog outputs number 3 and 4 have been added and the digital inputs and outputs have been expanded by the bits 6 to 11.

The following table shows a comparison between the input/output names of the *light* and the *ADL* board.

<b>ADwin-light board</b>	<b>ADwin-ADL board</b>
DAC 1	DAC 3
DAC 2	DAC 4
Analog Input 1 (+)	Analog Input 2 (-)
Analog Input 3 (+)	Analog Input 4 (-)
Analog Input 5 (+)	Analog Input 6 (-)
Analog Input 7 (+)	Analog Input 8 (-)
Analog Input 9 (+)	Analog Input 10 (-)
Analog Input 11 (+)	Analog Input 12 (-)
Analog Input 13 (+)	Analog Input 14 (-)
Analog Input 15 (+)	Analog Input 16 (-)
Analog Input 1 (+)	Analog Input 2 (-)
Analog Input 3 (+)	Analog Input 4 (-)
Analog Input 5 (+)	Analog Input 6 (-)
Analog Input 7 (+)	Analog Input 8 (-)
Analog Input 9 (+)	Analog Input 10 (-)
Analog Input 11 (+)	Analog Input 12 (-)
Analog Input 13 (+)	Analog Input 14 (-)
Analog Input 15 (+)	Analog Input 16 (-)
Digital Input Bit 0	Digital Input Bit 6
Digital Input Bit 1	Digital Input Bit 7
Digital Input Bit 2	Digital Input Bit 8
Digital Input Bit 3	Digital Input Bit 9
Digital Input Bit 4	Digital Input Bit 10
Digital Input Bit 5	Digital Input Bit 11
Digital Output Bit 0	Digital Output Bit 6
Digital Output Bit 1	Digital Output Bit 7
Digital Output Bit 2	Digital Output Bit 8
Digital Output Bit 3	Digital Output Bit 9
Digital Output Bit 4	Digital Output Bit 10
Digital Output Bit 5	Digital Output Bit 11
EVENT IN	EVENT IN
Analog Ground	Analog Ground
Digital Ground	Digital Ground
+12 V	+12 V
-12 V	-12 V
+5 V	+5 V
-5 V	-5 V

The pin assignment of the *ADL* board:



## ADwin-ADL