

DC2459C adapter card

Description

The card simplifies the connection to the DAC card DC2459C by using standard 10 pin connectors and a connector to add the power to the card

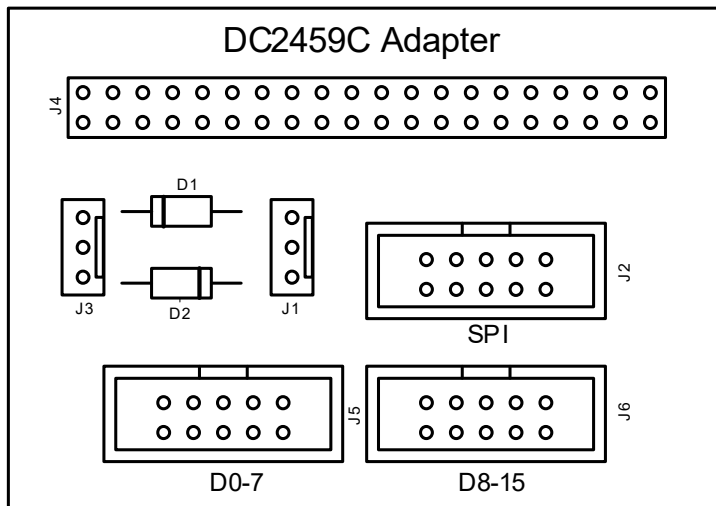


Figure 1: Card layout

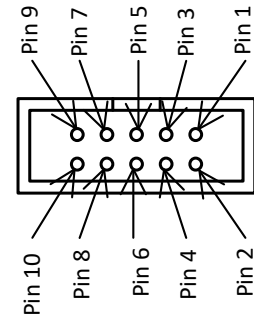


Figure 2: 10 pin connector

Pin	Name	Pin	Name
1	Gnd	6	SPI4_CS
2	SPIO_50M_CLK	7	SPI6_GPIO
3	SPI1_MISO	8	SPI5_TRIG
4	SPI4_CS	9	NC
5	SPI3_CLK	10	Vdd

Table 1: Flat cable connector J2

Pin	Name
1	+12V
2	Gnd
3	-12V

Table 2: Power connector J3



Pin	Name	Pin	Name	Pin	Name	Pin	Name
1	Vdd	11	NC	21	NC	31	SPI4_CS
2	Gnd	12	D13	22	D8	32	D3
3	NC	13	NC	23	NC	33	SPI3_CLK
4	NC	14	D12	24	D7	34	D2
5	NC	15	NC	25	NC	35	SPI2_MOSI
6	SPIO_50M_CLK	16	D11	26	D6	36	D1
7	NC	17	NC	27	SPI5_TRIG	37	SPI1_MISO
8	D15	18	D10	28	D5	38	D0
9	NC	19	NC	29	SPI6_GPIO	39	Vdd
10	D14	20	D9	30	D4	40	Gnd

Table 3 Board connector J4

Pin	Name	Pin	Name
1	Gnd	6	D4
2	D0	7	D5
3	D1	8	D6
4	D2	9	D7
5	D3	10	Vdd

Table 4: Flat cable connector J5

Pin	Name	Pin	Name
1	Gnd	6	D12
2	D8	7	D13
3	D9	8	D14
4	D10	9	D15
5	D11	10	Vdd

Table 5: Flat cable connector J6