

Power Supplies:

1. Test setup and preparations:

- Use a DMM to measure the amplitude of the board input power and of the board power supplies at the locations indicated in the chart.

2. Power up settings:

3. Test preparation settings:

Measure the input power supplies:

Heater _____
+15 FE _____
-15FE _____
+15AN _____
-15AN _____
+5DG _____

Measure the outputs of the Q and V amp supplies:

+14V_1 _____ measure at + side of C31, BD1
-14V_1 _____ measure at – side of C32, TD1
+14V_2 _____ measure at + side of C34, BD1
-14V_2 _____ measure at – side of C53, TC1
+14V_3 _____ measure at + side of C23, BD2
-14V_3 _____ measure at – side of C27, TD2
+14V_4 _____ measure at + side of C75, BC2
-14V_4 _____ measure at – side of C74, TC2
+10V _____ measure at via hole vic. R22, TD1

DACs:

1. Test setup and measurements:

- Use a DMM to measure the DAC outputs at the locations indicated in the chart and record the measurements in the chart.
- Enter the readfile commands to set up the DAC outputs.

2. Power up settings:

3. Measurements:

Use the listed commands to change the DAC outputs and record the measurements.

Select +1 volt outputs: readfile dac1.macro
Select 0 volt outputs: readfile dac0.macro
Select –1 volt outputs: readfile dac-1.macro
Select +10 volt outputs: readfile dac10.macro

Measurements taken at the following locations

PS1DAC(x)	U92 pin 28
PS2DAC(x)	U92 pin 27
CinnerDAC(x)	U72in 28
CouterDAC(x)	U72 pin 27
LEDDAC(x)	U51in 28
ImplantDAC(x)	U51 pin 27
QIDAC(x)	U31in 28
QODAC(x)	U31 pin 27

	+1V	0V	-1V	10V
PS1 DAC			N/A	
PS2 DAC			N/A	
Cinner DAC			N/A	
Couter DAC			N/A	
LED DAC			N/A	
Implant DAC			N/A	
QI DAC				
QO DAC				