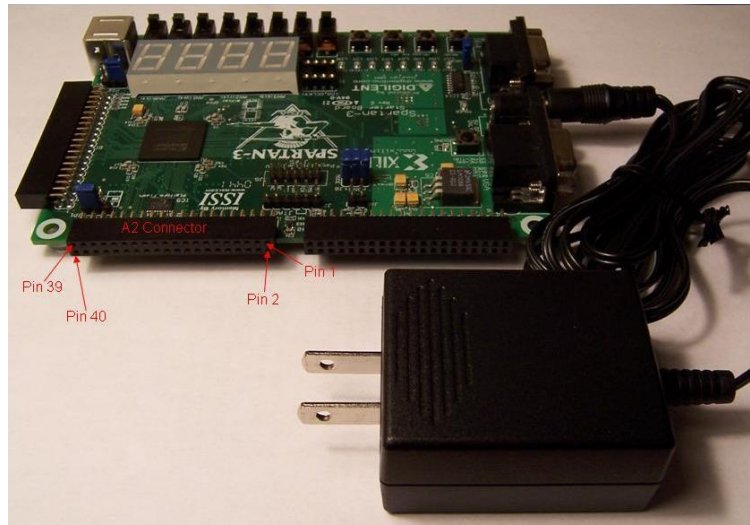


## Using the Spartan 3 FPGA board as an interface board

Here is a picture of the Spartan 3 FPGA board with the power supply attached. The FPGA is programmed so that the connections for the buttons, switches, etc. are brought to the A2 connector. The photo shows the numbering of pins on this connector. The table below indicates the pinouts.



FPGA A2 Connector Pinouts			
Pin	Signal	Pin	Signal
1	DGND		
3		4	Led 0
5	Anode 0	6	Led 1
7	Anode 1	8	Led 2
9	Anode 2	10	Led 3
11	Anode 3	12	Led 4
13	Segment A	14	Led 5
15	Segment B	16	Led 6
17	Segment C	18	Led 7
19	Segment D	20	Switch 0
21	Segment E	22	Switch 1
23	Segment F	24	Switch 2
25	Segment G	26	Switch 3
27	Segment DP	28	Switch 4
29	Button 0	30	Switch 5
31	Button 1	32	Switch 6
33	Button 2	34	Switch 7
35	Button 3		