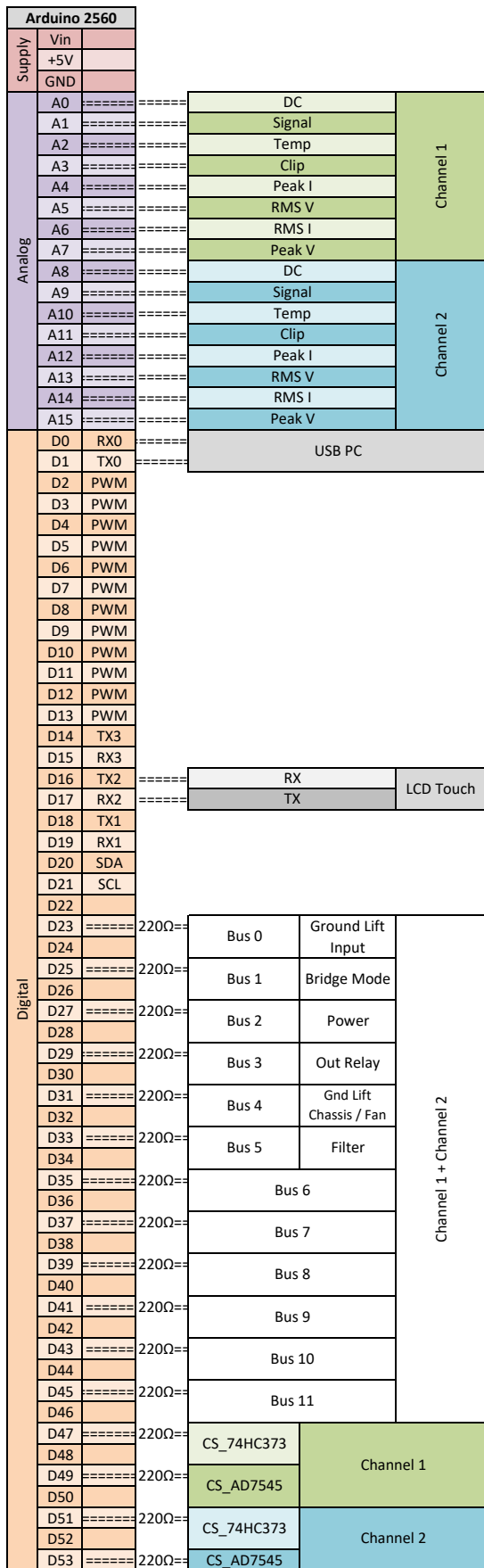


# SA PPA1200 / Arduino Control Schematics



## Pre-Amplifier Data Connector

Bus 0	1	26	Bus 1
Bus 2	2	25	Bus 3
Bus 4	3	24	Bus 5
Bus 6	4	23	Bus 7
Bus 8	5	22	Bus 9
Bus 10	6	21	Bus 11
	7	20	RMS V
Supply Lvl	8	19	RMS I
CS_AD7545	9	18	Signal
Temp	10	17	DC
Clip	11	16	Peak V
Main GND	12	15	-18V
Peak I	13	14	+18V

## Pre-Amplifier Alim Connector

1	CS_74HC373
2	Gnd

## Pre-Amplifier Alim Connector

1	+85V
2	
3	-85V
4	
5	+18V
6	-18V
7	Gnd Signal
8	Main GND
9	+5V
10	Gnd
11	Lift Chassis / Fan
12	+12V
13	Relay
14	Power
15	DDC+
16	DDC-

## Pre-Amplifier Signal Connector

1	Signal-
2	Signal+
3	Gnd Signal
4	Signal Bridge-
5	Signal Bridge+
6	
7	