

2.1mm DC JACK
ADAFRUIT PID 610

GND
5V

-
+ J1

1
3
5
7
9 J8

1
3
5
7
9

TO SHEET 2

33
35
37
39 J8

33
35
37
39

TO SHEET 4

34
36
38
40 J8

34
36
38
40

TO SHEET 5

G
R

4
6
12

TO SHEET 3

GND
R AUD J7

4
6
12 J8

RPI MODEL B+

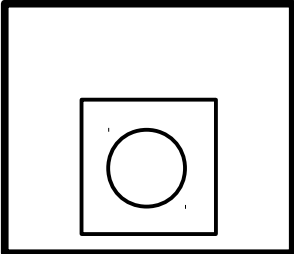
J12 or J11

J12 or J11

J3

USB WIFI
ADAFRUIT PID 814

USB BLUETOOTH
ADAFRUIT PID 1327



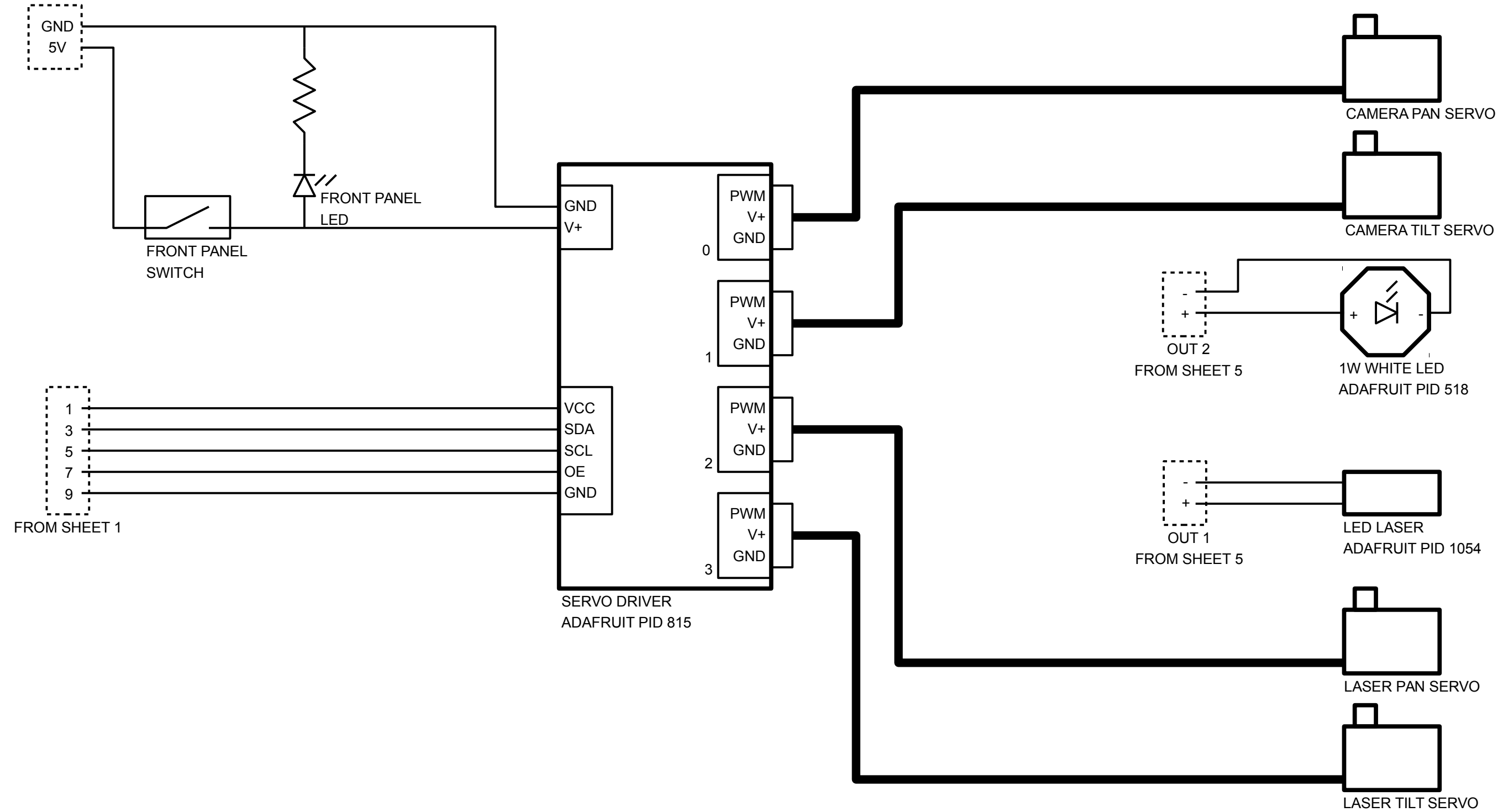
RPI CAMERA MODULE v1

MAIN BOARD

rpi-laser wiring interconnect.odg

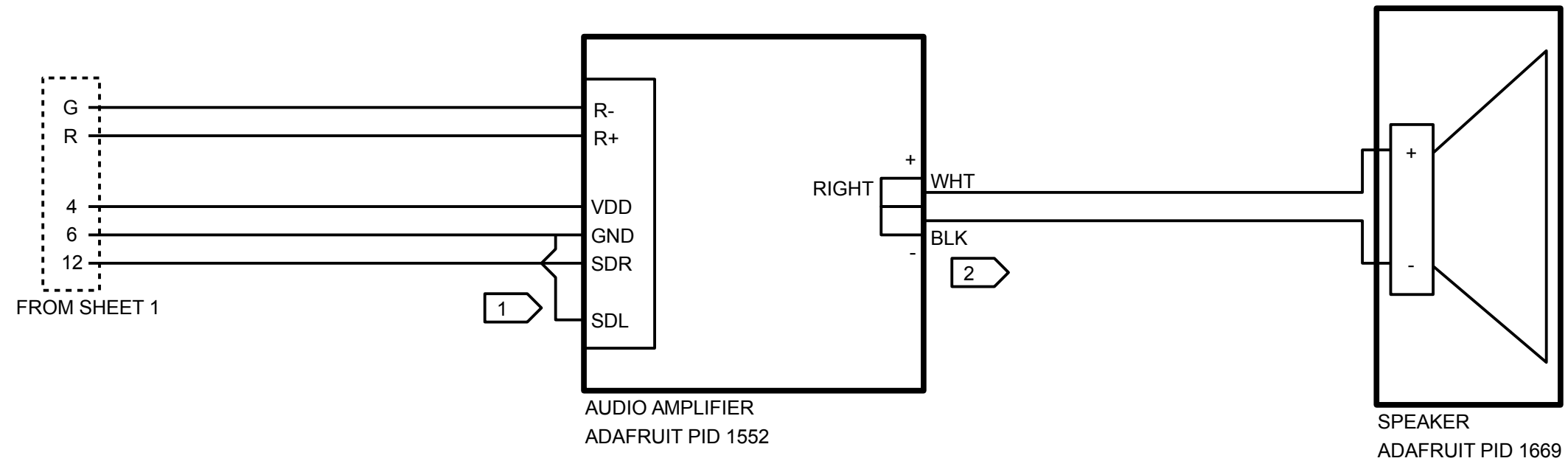
DOMO R. E. GATO – THE CAT FRIEND ROBOTO
RASPBERRY PI LASER CAT TOY
WIRING INTERCONNECT

DWN: Carter Nelson	REV: NEW	DATE: 08/08/2016	SHEET: 1 / 5
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SERVO CONTROL SUBSYSTEM

DOMO R. E. GATO – THE CAT FRIEND ROBOTO RASPBERRY PI LASER CAT TOY WIRING INTERCONNECT			
DWN: Carter Nelson	REV: NEW	DATE: 08/08/2016	SHEET: 2 / 5



NOTES:

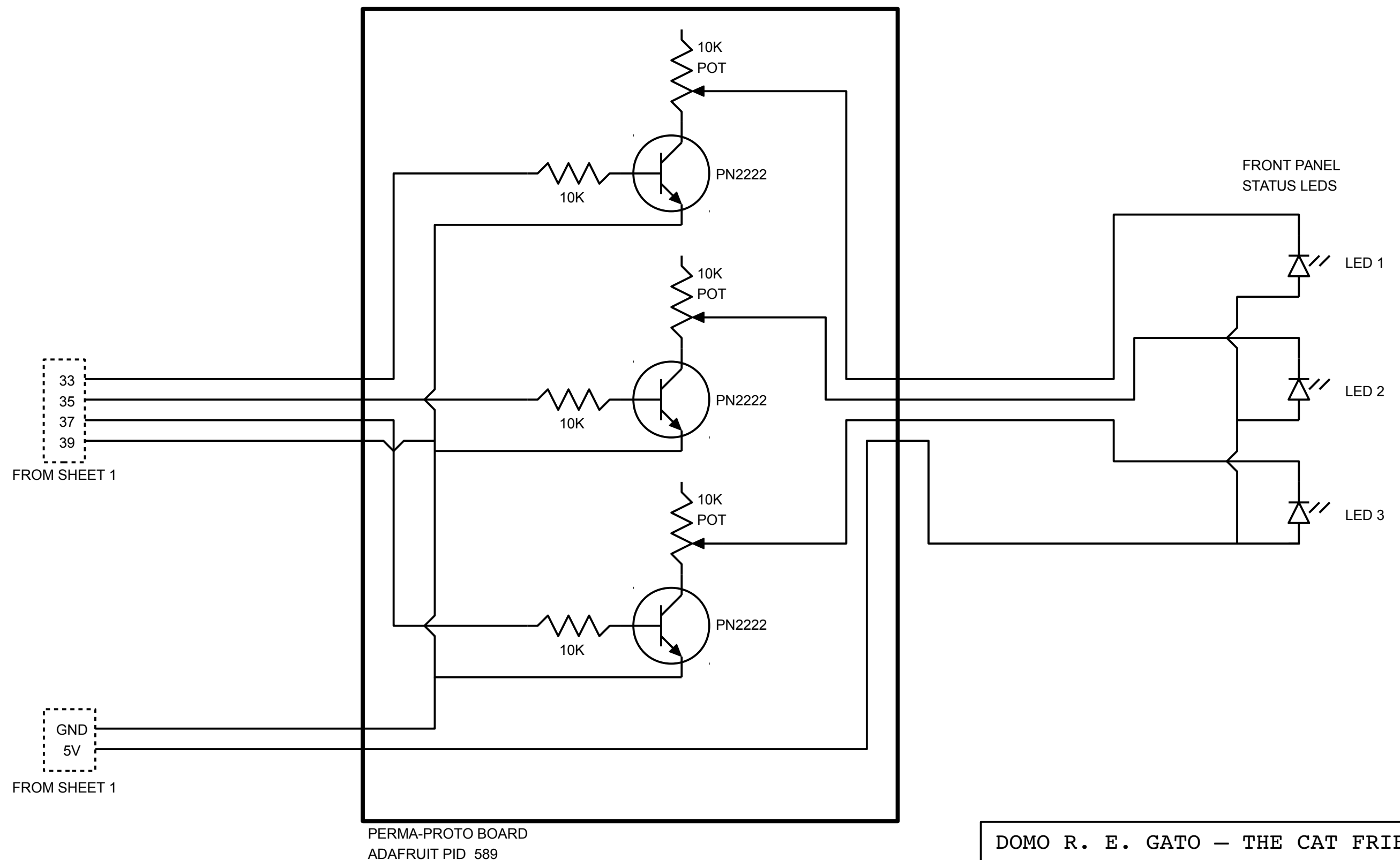
- 1 JUMPER TO DISABLE LEFT CHANNEL
- 2 CUT OFF JST CONNECTOR AND STRIP WIRES TO ATTACH TO AUDIO AMPLIFIER. WIRE COLORS MAY VARY.

AUDIO SUBSYSTEM

rpi-laser wiring interconnect.odg

DOMO R. E. GATO — THE CAT FRIEND ROBOTO
RASPBERRY PI LASER CAT TOY
WIRING INTERCONNECT

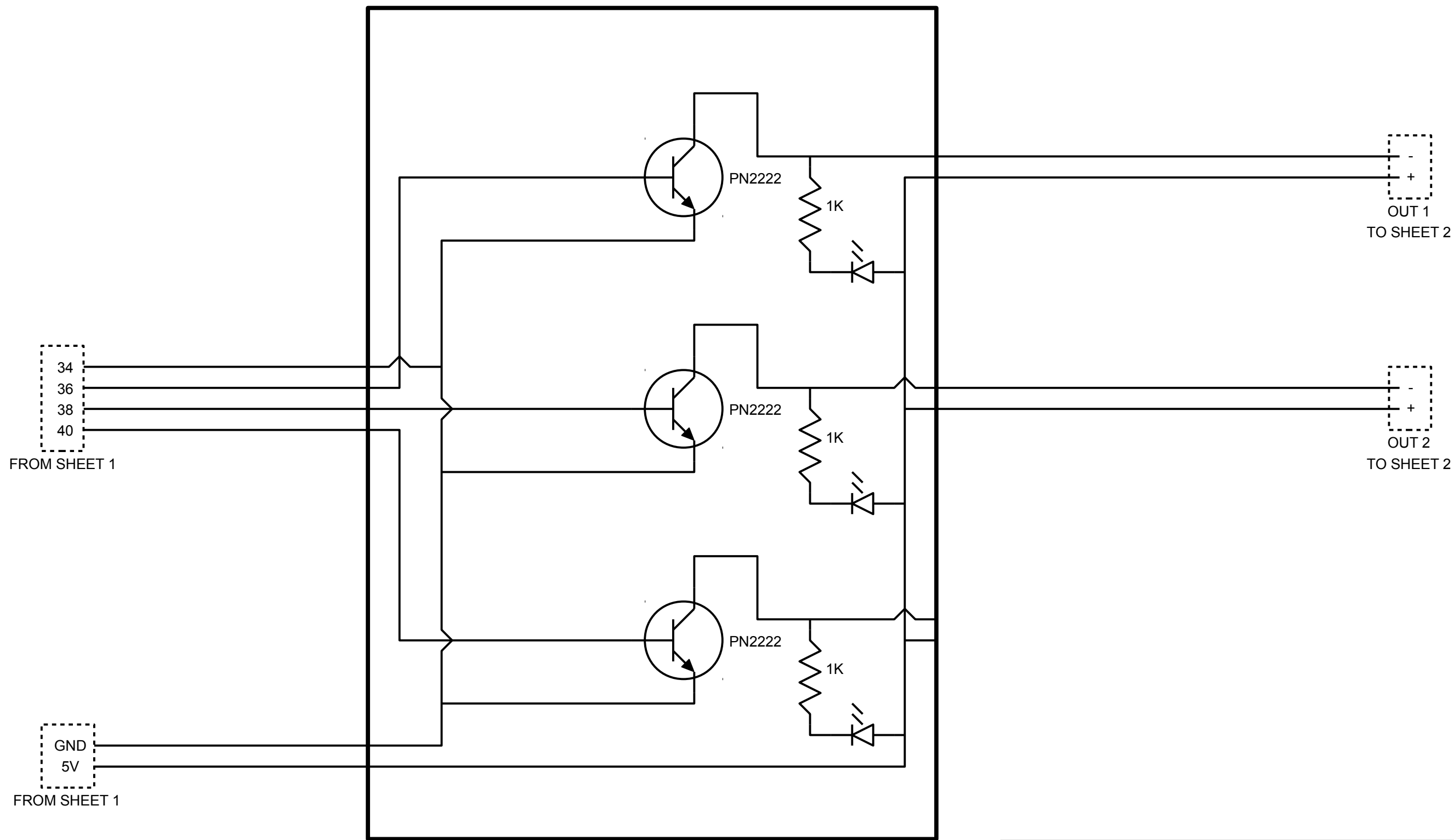
DWN:	REV:	DATE:	SHEET:
Carter Nelson	NEW	08/08/2016	3 / 5



STATUS LED SUBSYSTEM

rpi-laser wiring interconnect.odg

DOMO R. E. GATO — THE CAT FRIEND ROBOTO RASPBERRY PI LASER CAT TOY WIRING INTERCONNECT			
DWN: Carter Nelson	REV: NEW	DATE: 08/08/2016	SHEET: 4 / 5



PERMA-PROTO BOARD
ADAFRUIT PID 589

DOMO R. E. GATO — THE CAT FRIEND ROBOTO
RASPBERRY PI LASER CAT TOY
WIRING INTERCONNECT

GENERAL PURPOSE POWER SWITCHING SUBSYSTEM

rpi-laser wiring interconnect.odg

DWN:	REV:	DATE:	SHEET:
Carter Nelson	NEW	08/08/2016	5 / 5