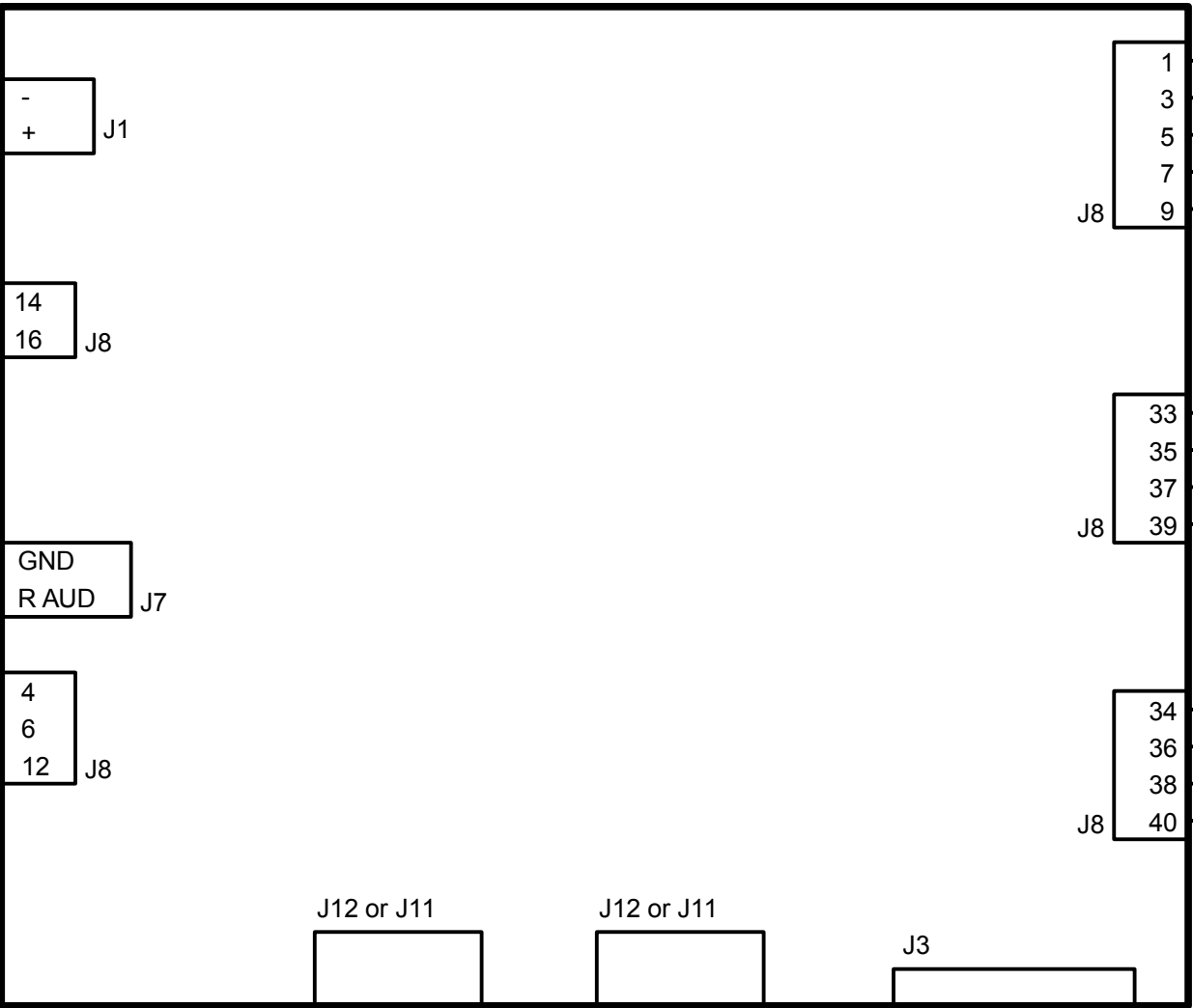


2.1mm DC JACK
ADAFRUIT PID 610

GND
5V



RPI MODEL B+

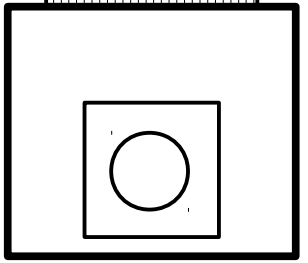
J12 or J11

J12 or J11

J3

USB WIFI
ADAFRUIT PID 814

USB BLUETOOTH
ADAFRUIT PID 1327



RPI CAMERA MODULE v1

1
3
5
7
9

TO SHEET 2

33
35
37
39

TO SHEET 4

34
36
38
40

TO SHEET 5

14
16

TO SHEET 2

G
R

4
6
12

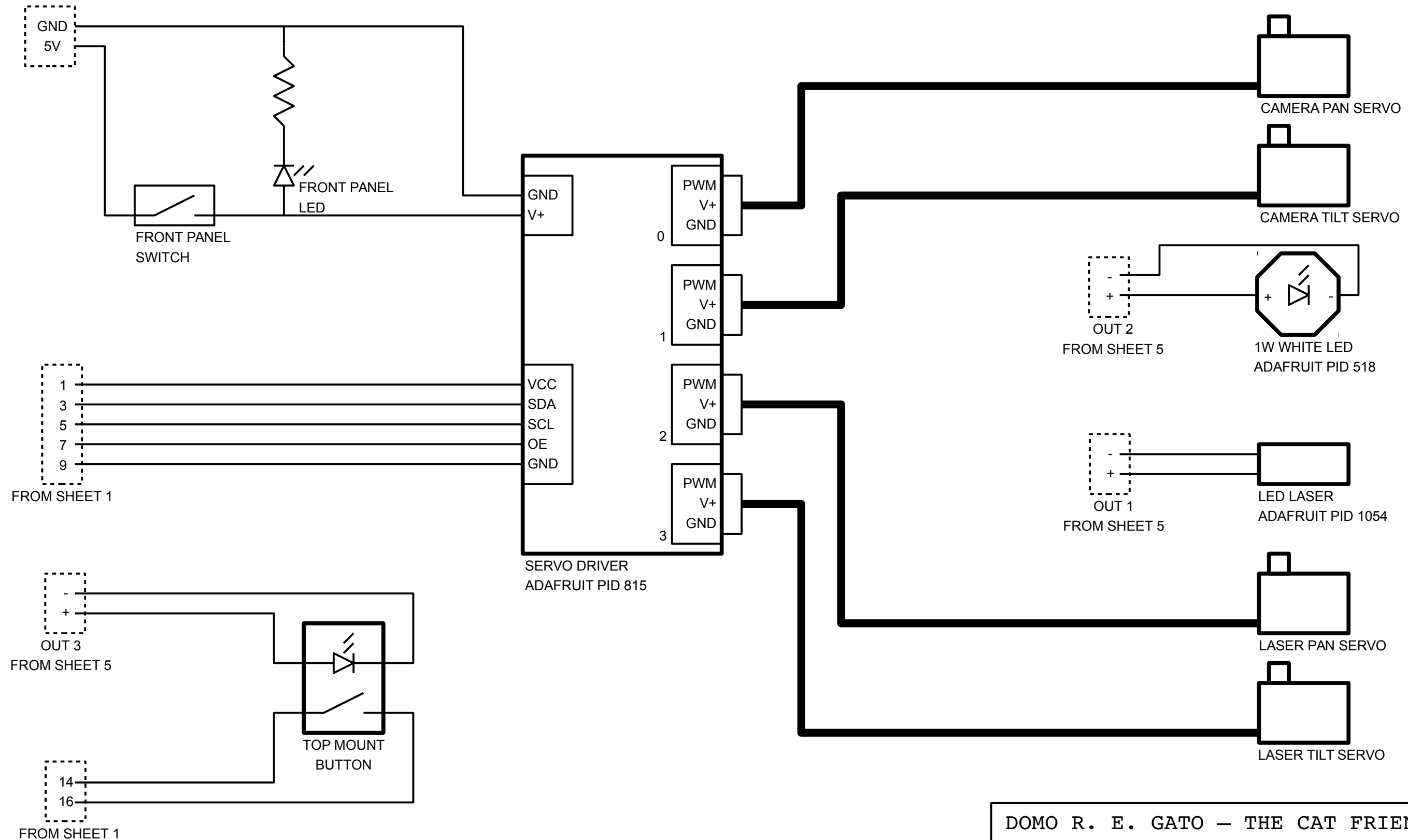
TO SHEET 3

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: A | DATE: 08/12/2016 | SHEET: 1 / 5 |
|-----------------------|-----------|---------------------|-----------------|

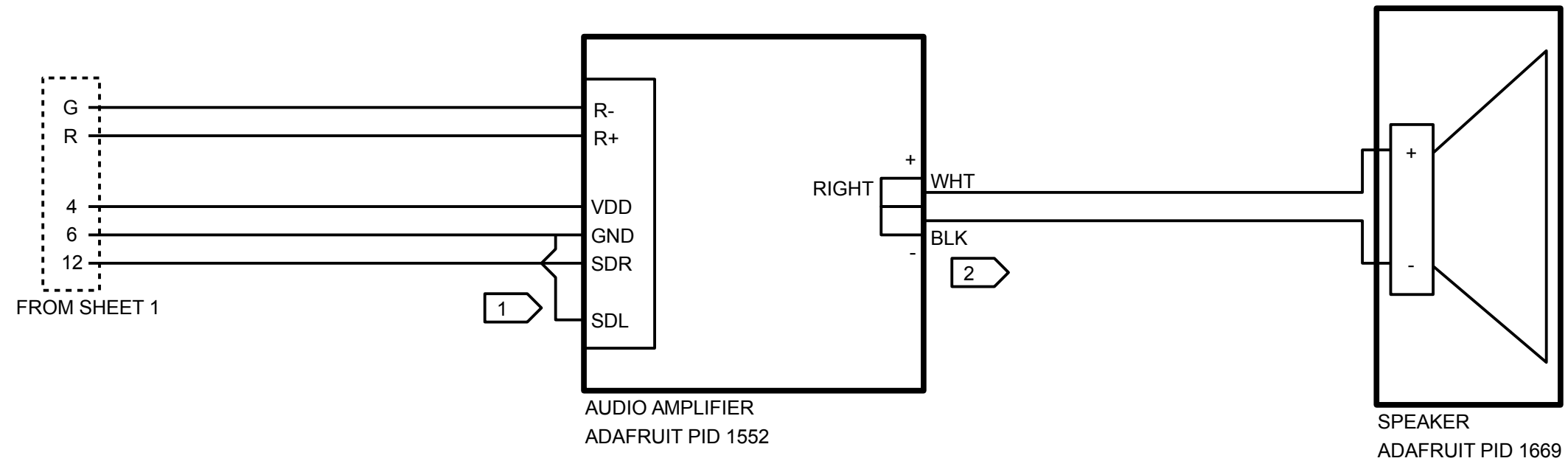


SERVO CONTROL SUBSYSTEM

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 | A | 08/12/2016 | 2 / 5 |



NOTES:

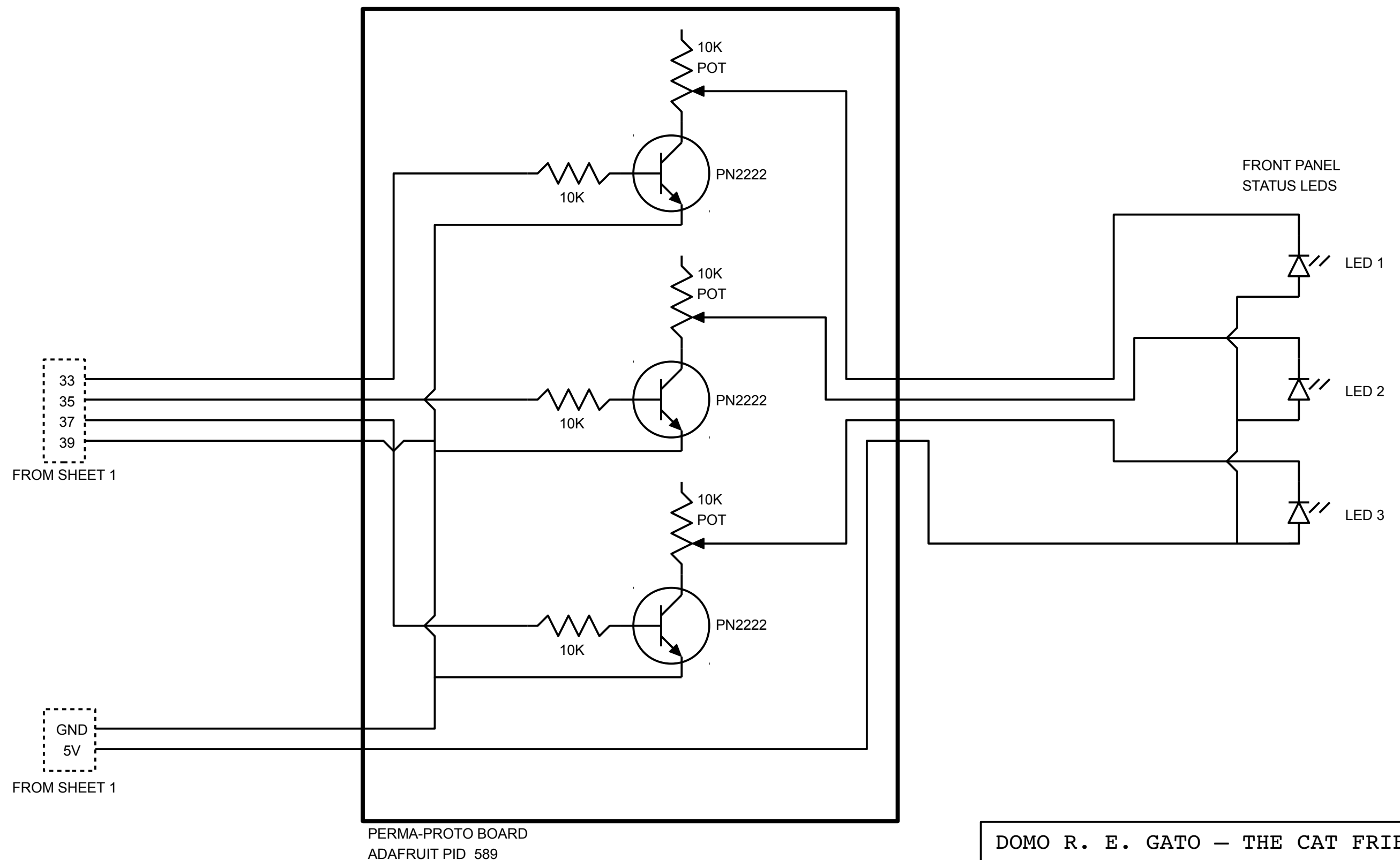
- 1 JUMPER TO DISABLE LEFT CHANNEL
- 2 CUT OFF JST CONNECTOR AND STRIP WIRES TO ATTACH TO AUDIO AMPLIFIER. WIRE COLORS MAY VARY.

AUDIO SUBSYSTEM

rpi-laser wiring interconnect.odg

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

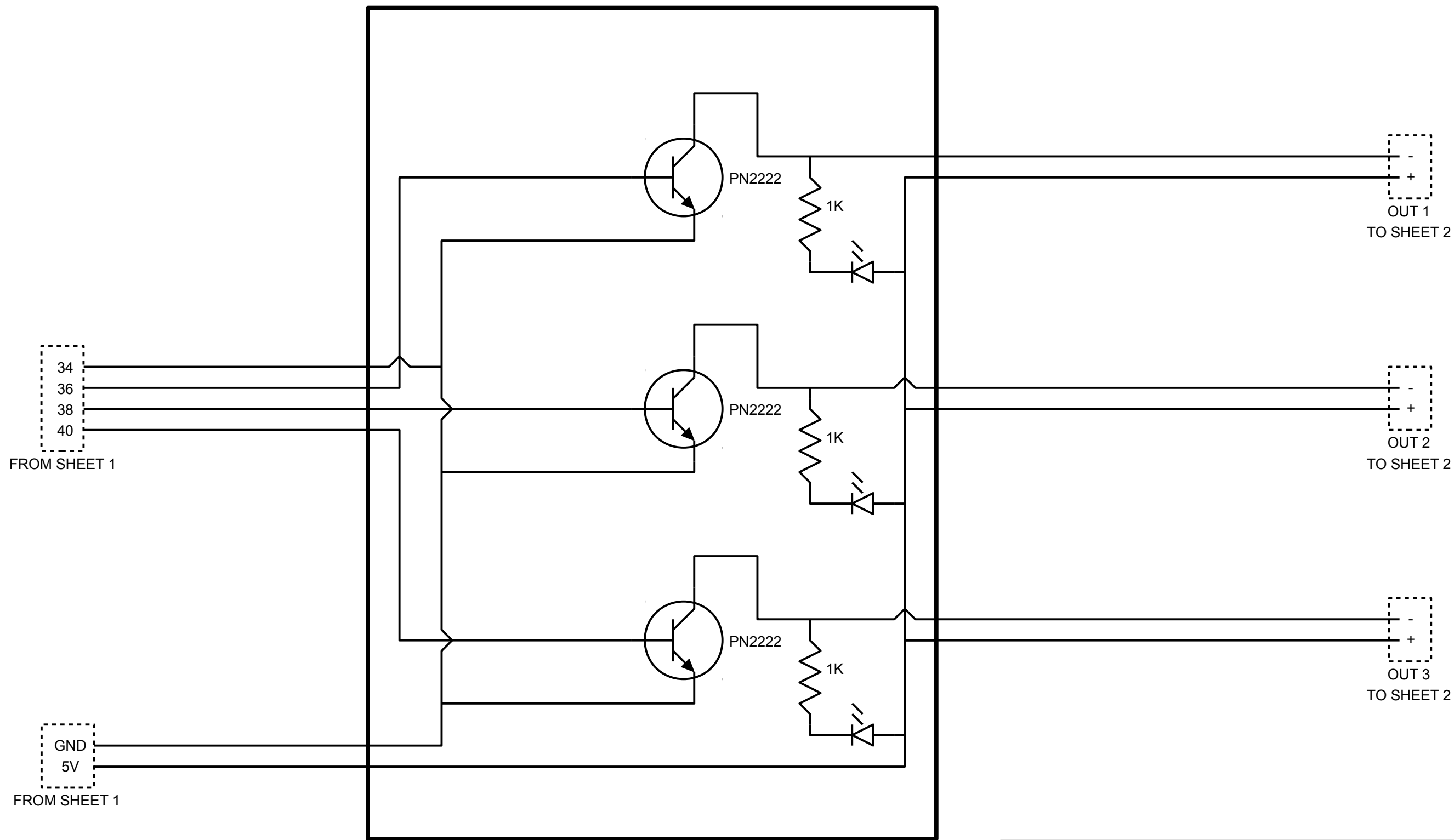
| | | | |
|---------------|------|------------|--------|
| DWN: | REV: | DATE: | SHEET: |
| Carter Nelson | A | 08/12/2016 | 3 / 5 |



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: A | DATE: 08/12/2016 | 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 | A | 08/12/2016 | 5 / 5 |