

6

5

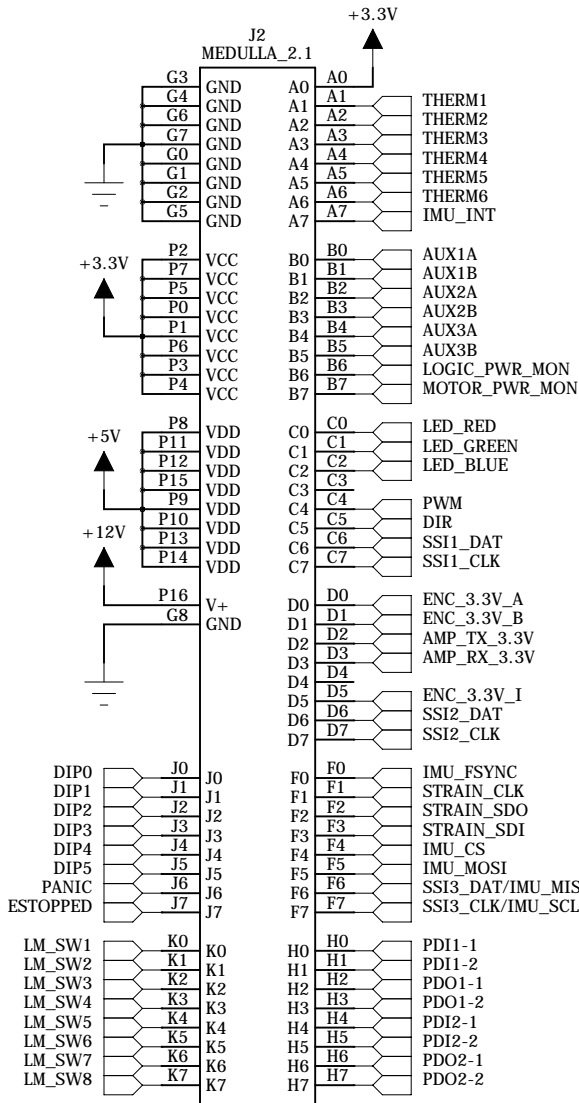
4

3

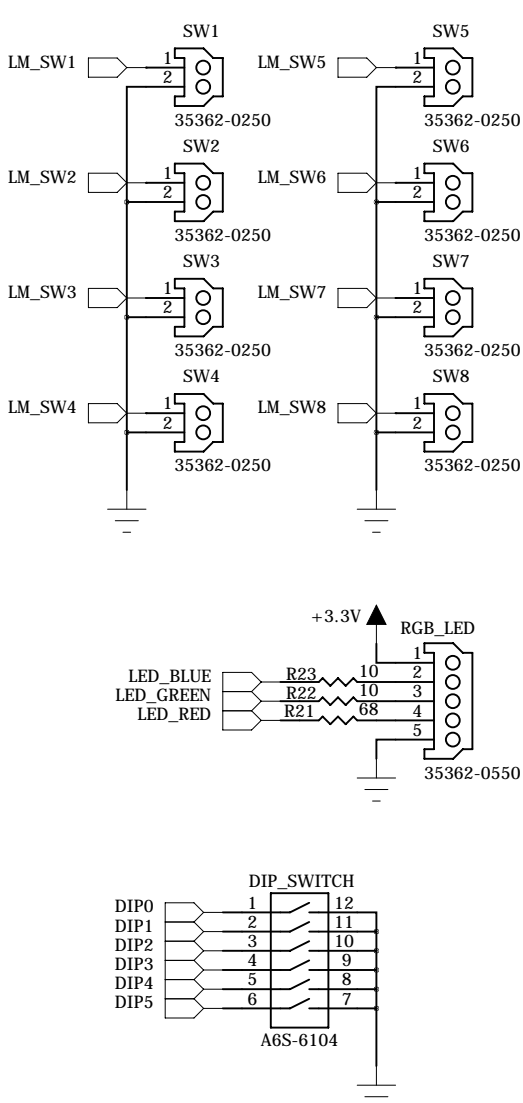
2

1

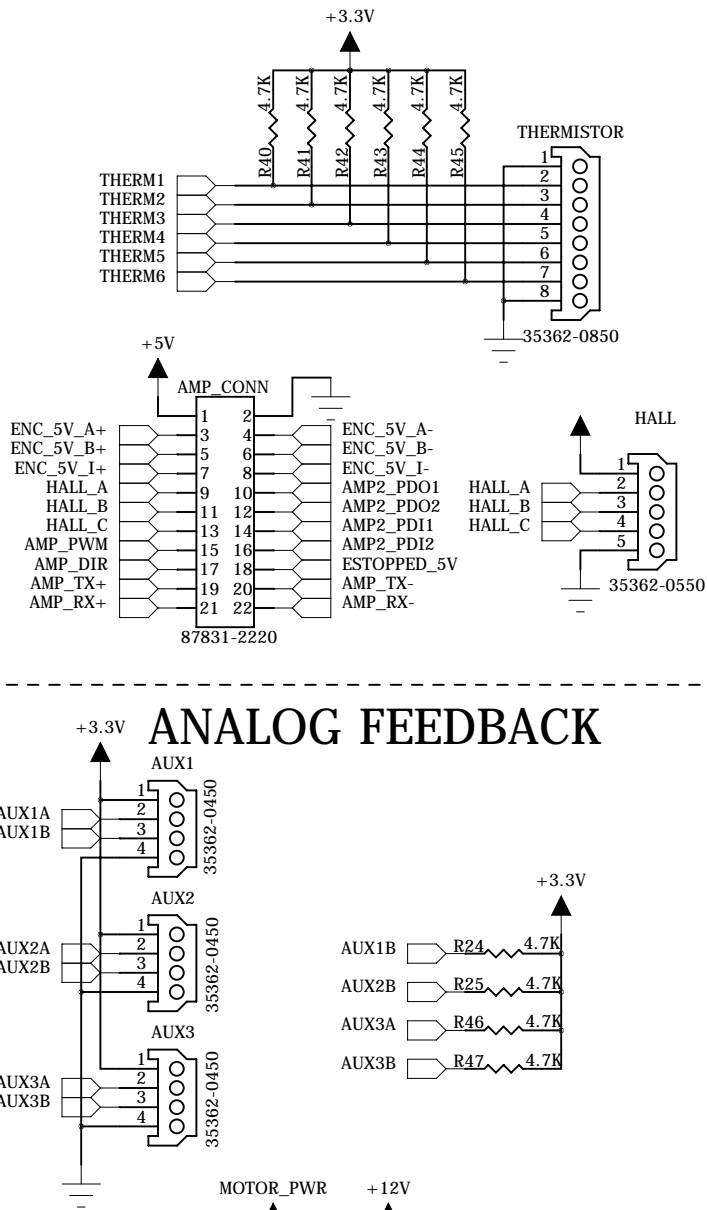
MEDULLA



DIGITAL FEEDBACK

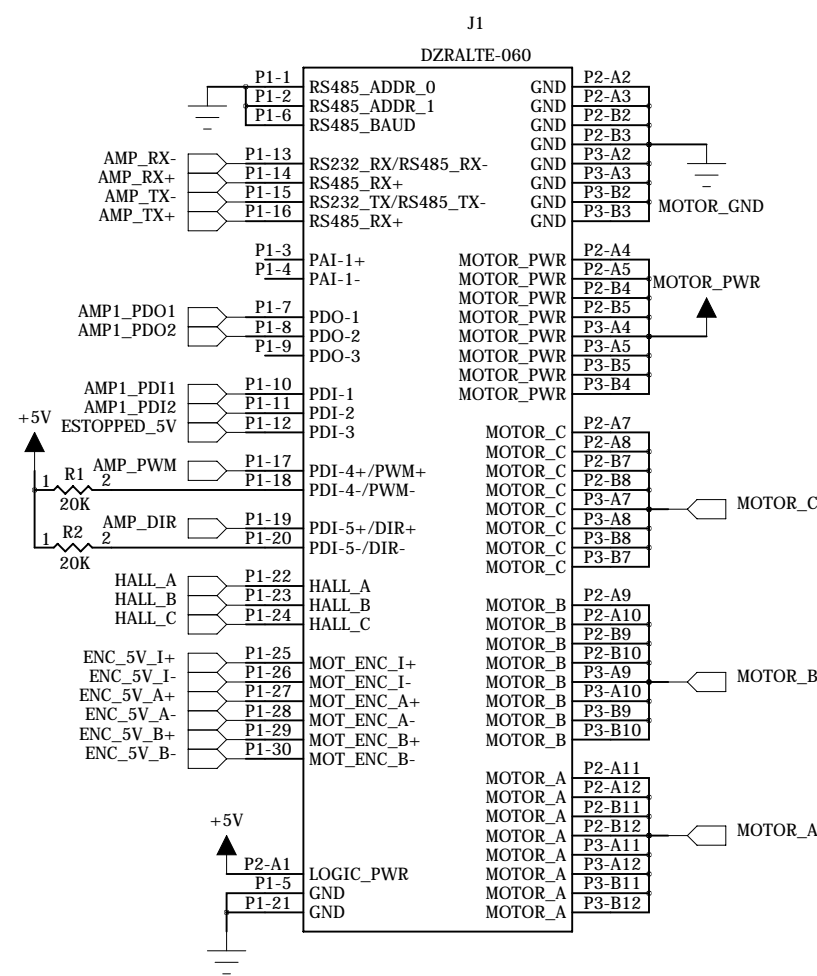


MOTOR CONNECTORS

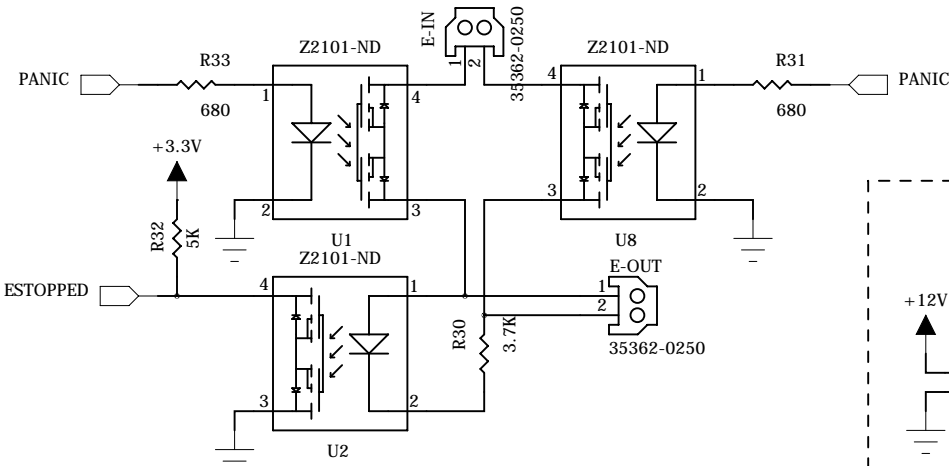


ANALOG FEEDBACK

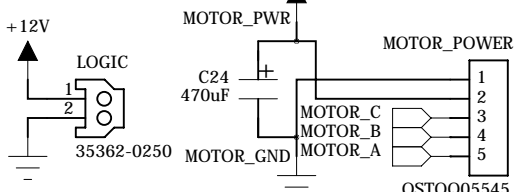
AMPLIFIER



ESTOP Circuit



POWER



COMPANY:

OSU Dynamic Robotics Laboratory

TITLE:

Menial Board 2.1

CODE:

<Code>

SIZE:

B

DRAWING NO:

SHEET: 1 of 3

REV:

1

SCALE:

6

5

4

3

2

1

SSI/BISS DIFFERENTIAL DRIVERS

INCREMENTAL ENCODER DIFFERENTIAL RECEIVER

AMP RS485 TRANSCEIVERS

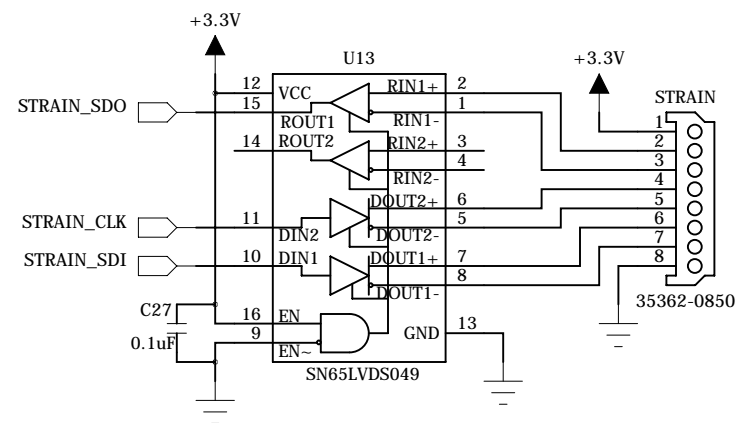
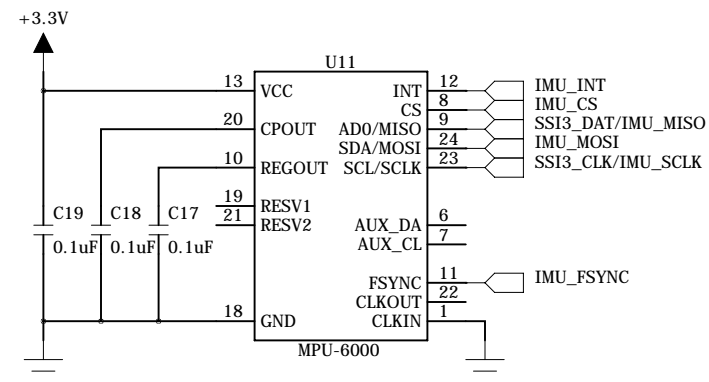
AMP PDI/O LEVEL SHIFTING

COMPANY: OSU Dynamic Robotics Laboratory

TITLE: Menial Board 2.1

|                      |                      |
|----------------------|----------------------|
| DRAWN:<br>Kit Morton | DATED:<br>2012-03-12 |
| CHECKED:             | DATED:               |
| QUALITY CONTROL:     | DATED:               |
| RELEASED:            | DATED:               |

|        |            |               |           |
|--------|------------|---------------|-----------|
| CODE:  | SIZE:<br>B | DRAWING NO:   | REV:<br>1 |
| SCALE: |            | SHEET: 2 of 3 |           |



| REVISION RECORD |         |           |       |
|-----------------|---------|-----------|-------|
| LTR             | ECO NO: | APPROVED: | DATE: |
|                 |         |           |       |
|                 |         |           |       |
|                 |         |           |       |
|                 |         |           |       |

|          |  |       |             |                                 |  |      |  |
|----------|--|-------|-------------|---------------------------------|--|------|--|
| COMPANY: |  |       |             | OSU Dynamic Robotics Laboratory |  |      |  |
| TITLE:   |  |       |             | Menial Board 2.1                |  |      |  |
| CODE:    |  | SIZE: | DRAWING NO: |                                 |  | REV: |  |
|          |  | B     |             |                                 |  | 1    |  |
| SCALE:   |  |       |             | SHEET: 3                        |  | OF 3 |  |

|                             |                             |
|-----------------------------|-----------------------------|
| DRAWN:<br><b>Kit Morton</b> | DATED:<br><b>2012-03-12</b> |
| CHECKED:                    | DATED:                      |
| QUALITY CONTROL:            | DATED:                      |
| RELEASED:                   | DATED:                      |