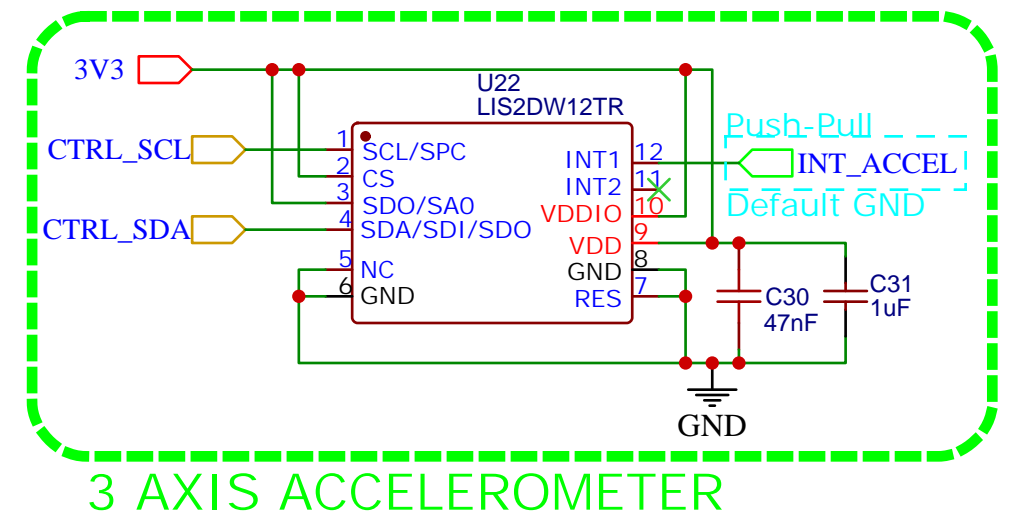
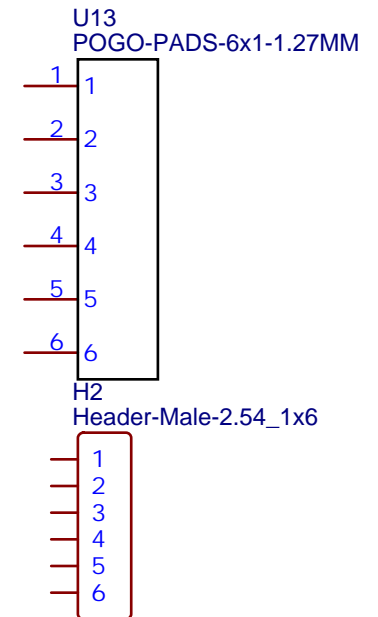
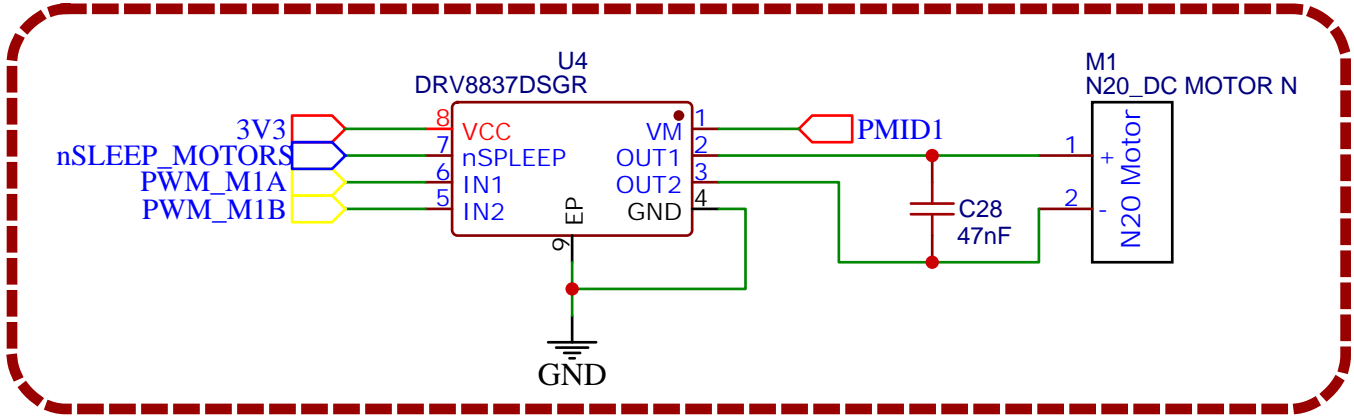


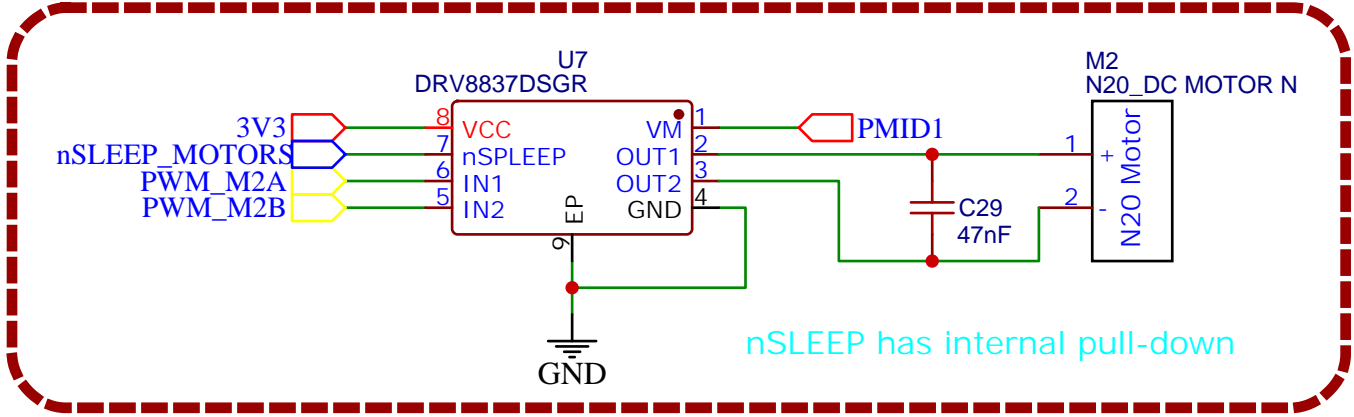
|                        |                                 |            |
|------------------------|---------------------------------|------------|
| TITLE: ESP32-S3 Module |                                 | REV: 1.0   |
|                        |                                 | Sheet: 1/1 |
|                        | Date: 2023-09-05 Drawn By: jhsp |            |



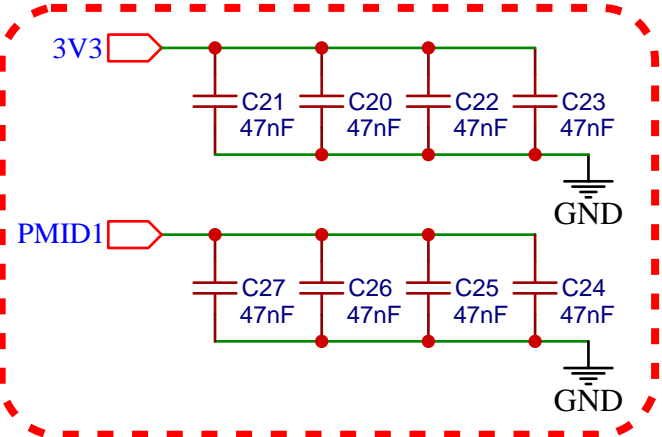
|                   |                                      |            |
|-------------------|--------------------------------------|------------|
| TITLE: MCU & Gyro |                                      | REV: 1.0   |
|                   | Company: EPS@Ncl                     | Sheet: 1/1 |
|                   | Date: 2023-09-06      Drawn By: jhsp |            |



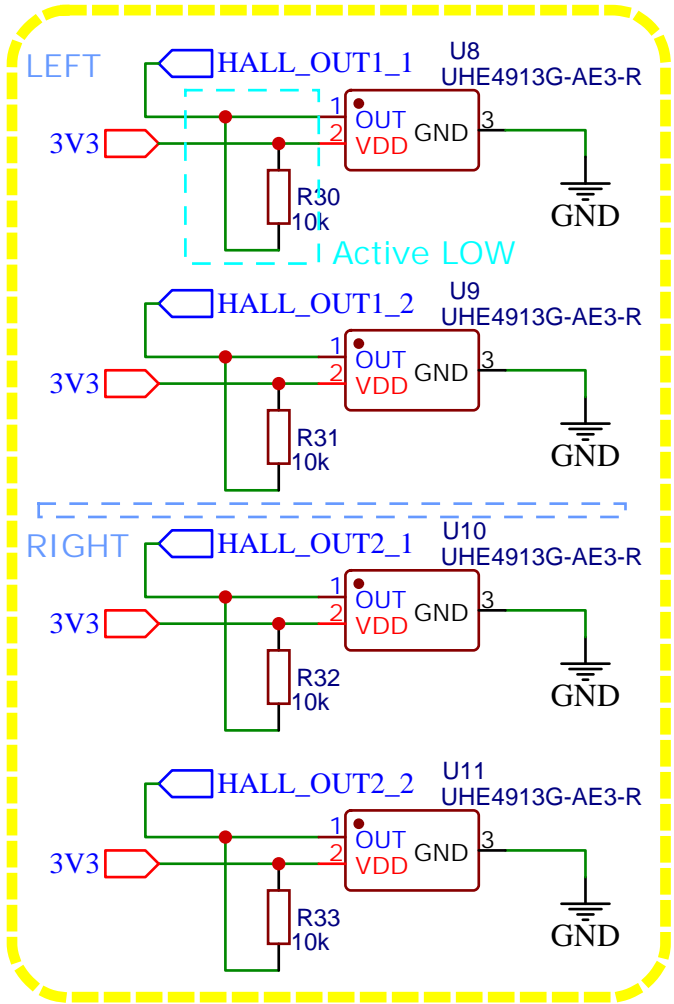
LEFT MOTOR H-BRIDGE



RIGHT MOTOR H-BRIDGE

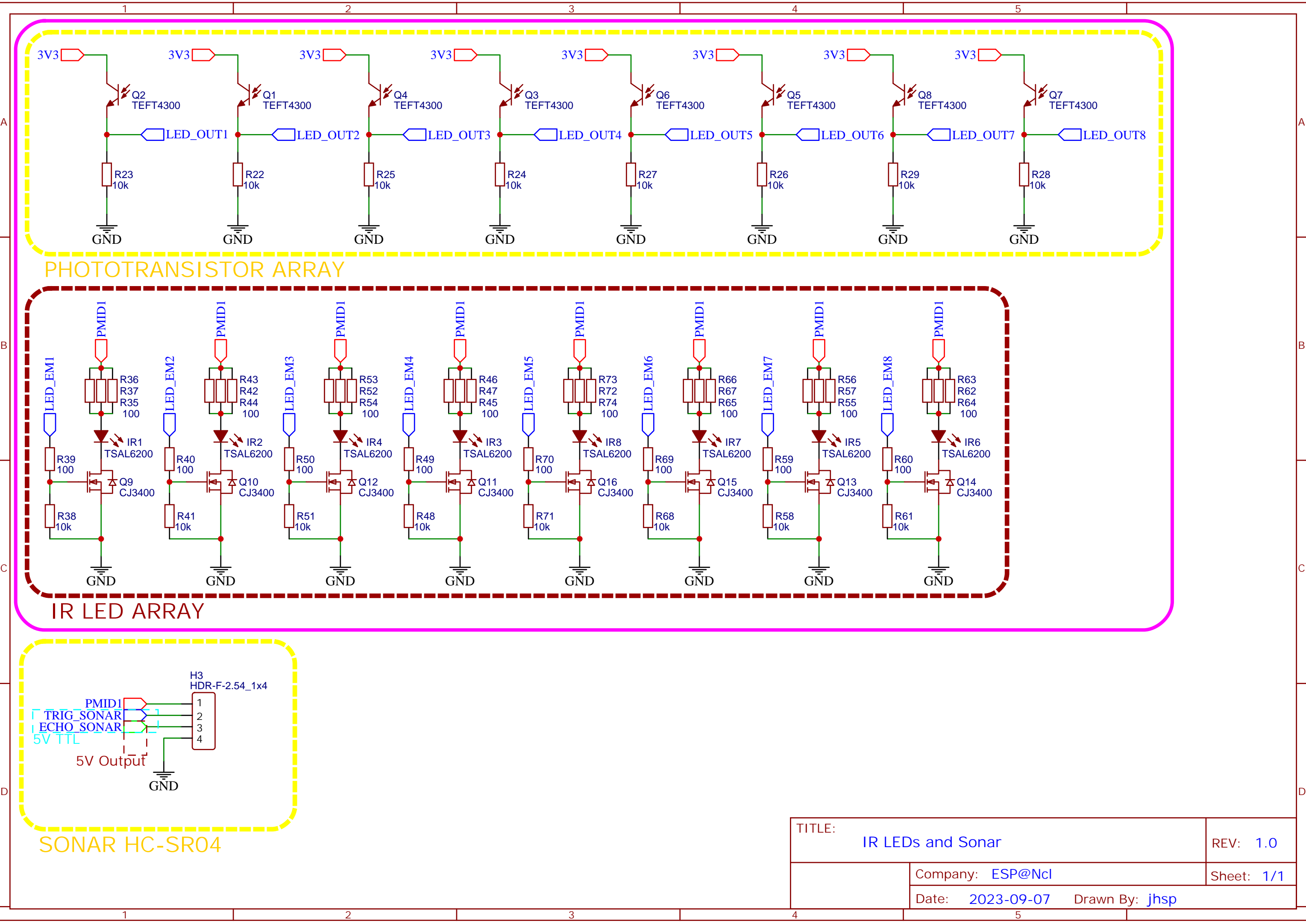


DECOUPLING



HALL EFFECT SENSORS

|               |                  |                |
|---------------|------------------|----------------|
| TITLE: Motors |                  | REV: 1.0       |
|               | Company: EPS@Ncl | Sheet: 1/1     |
|               | Date: 2023-09-06 | Drawn By: jhsp |



PHOTOTRANSISTOR ARRAY

IR LED ARRAY

SONAR HC-SR04

|                   |  |                |
|-------------------|--|----------------|
| TITLE:            |  | REV: 1.0       |
| IR LEDs and Sonar |  |                |
| Company: ESP@Ncl  |  | Sheet: 1/1     |
| Date: 2023-09-07  |  | Drawn By: jhsp |