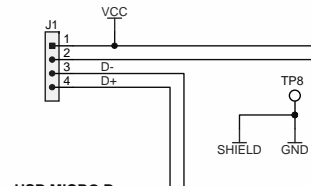
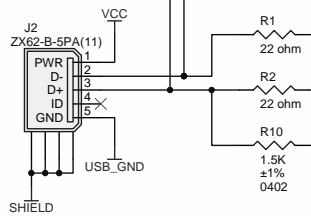


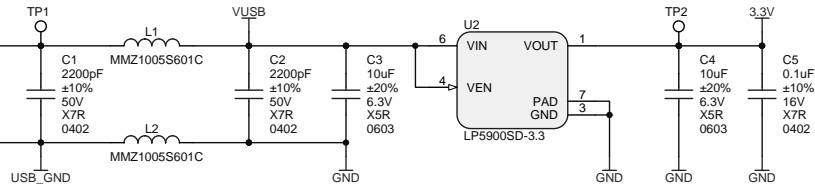
USB HEADER



USB MICRO B



3.3V LDO REGULATOR

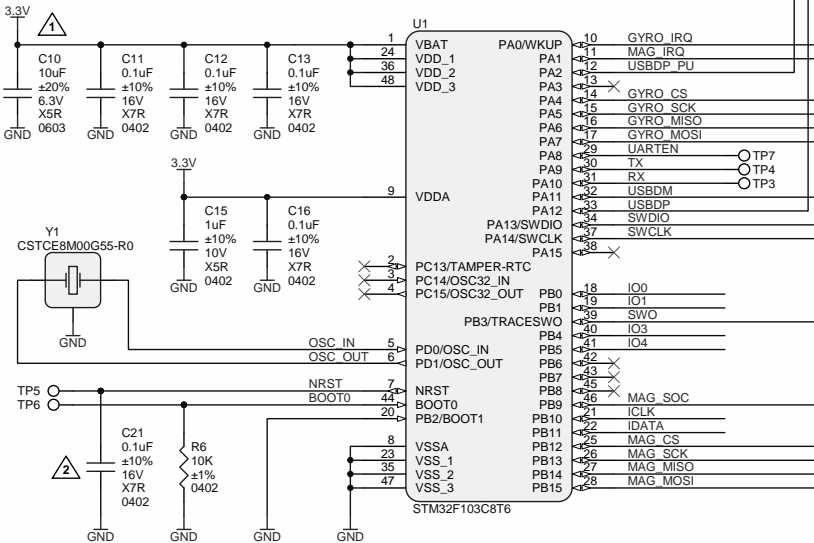


NOTES

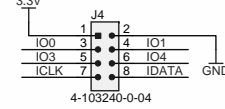
- 1 DECOUPLING CAPACITORS PER STMICROELECTRONICS APP NOTE AN2586
- 2 PLACE AS CLOSE TO STM32 NRST AS POSSIBLE
- 3 USE STAR GROUNDING SCHEME FOR GYRO AND MAGNETOMETER
- 4 OBSERVE IMPORTANT LAYOUT INFORMATION IN HMC5983 DATASHEET

REFER TO TRACKER HARDWARE SPEC FOR OTHER LAYOUT GUIDELINES

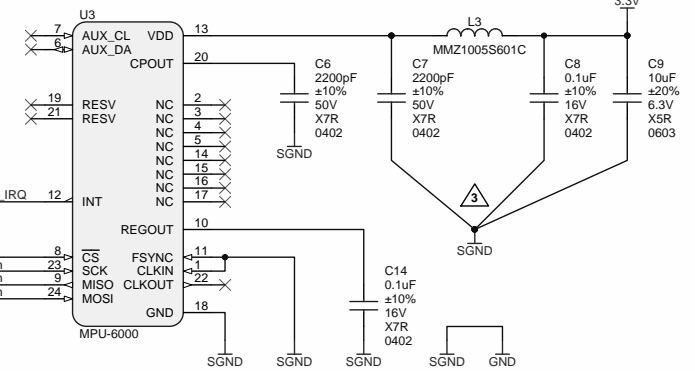
STM32 MICROCONTROLLER



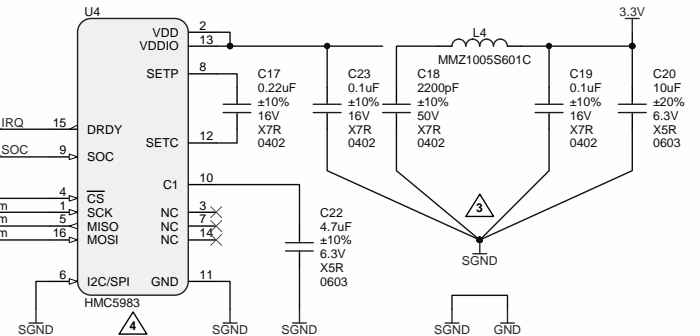
GPIO HEADER



GYROSCOPE AND ACCELEROMETER



MAGNETOMETER



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DESCRIPTION
OCULUS TRACKER

NOTES
FINAL RELEASE

| ENGINEERING | | DRAWING | | APPROVED | | DATE | |
|-------------|------|-----------------|---------------|----------|--------|-------------|--|
| NIRAV PATEL | | L. BAINBRIDGE | | | | 29 JAN 2013 | |
| SIZE | TYPE | DOCUMENT NUMBER | APPROVED DATE | VERSION | SHEET | | |
| B | SCH | N/A | | 2 | 1 of 1 | | |