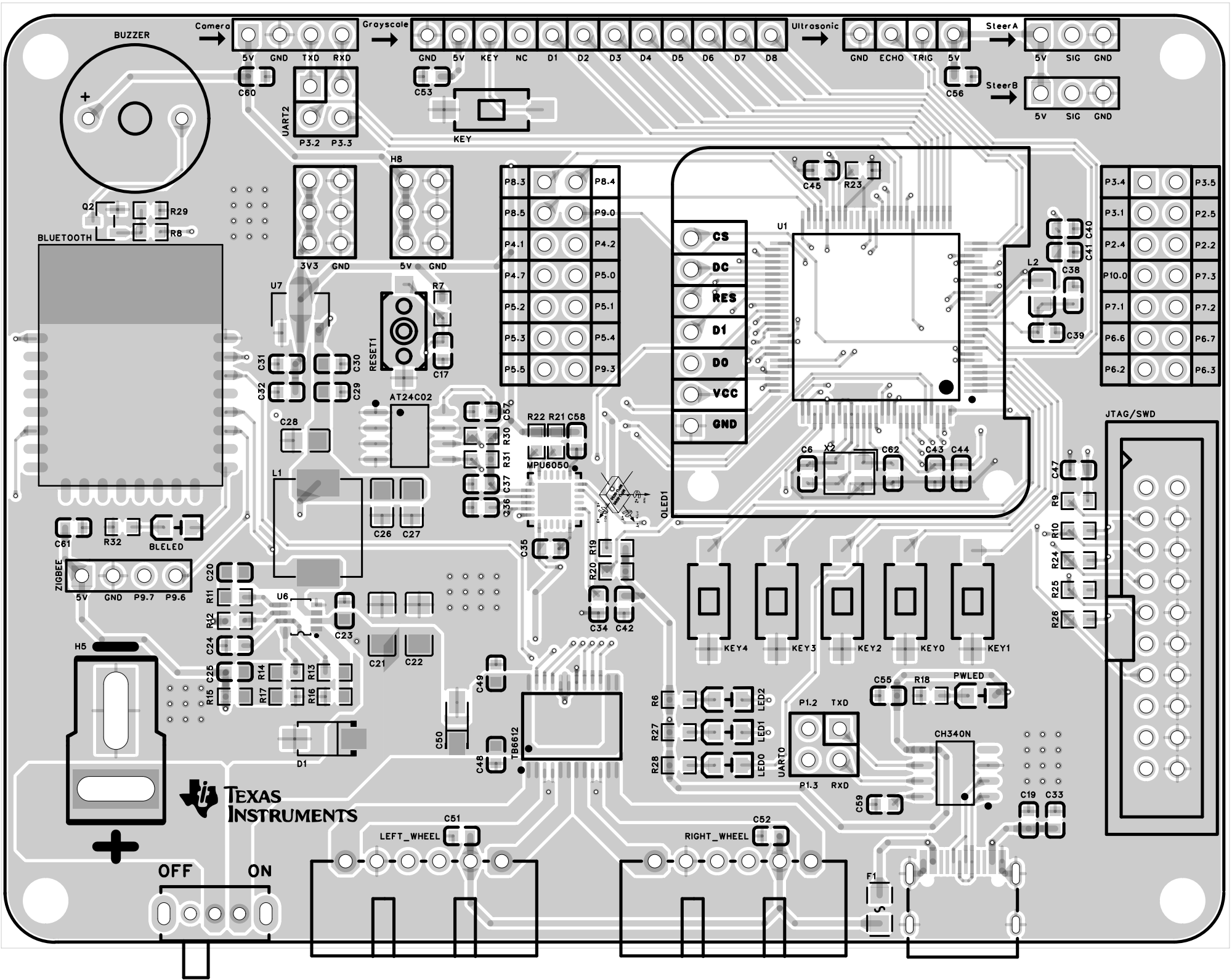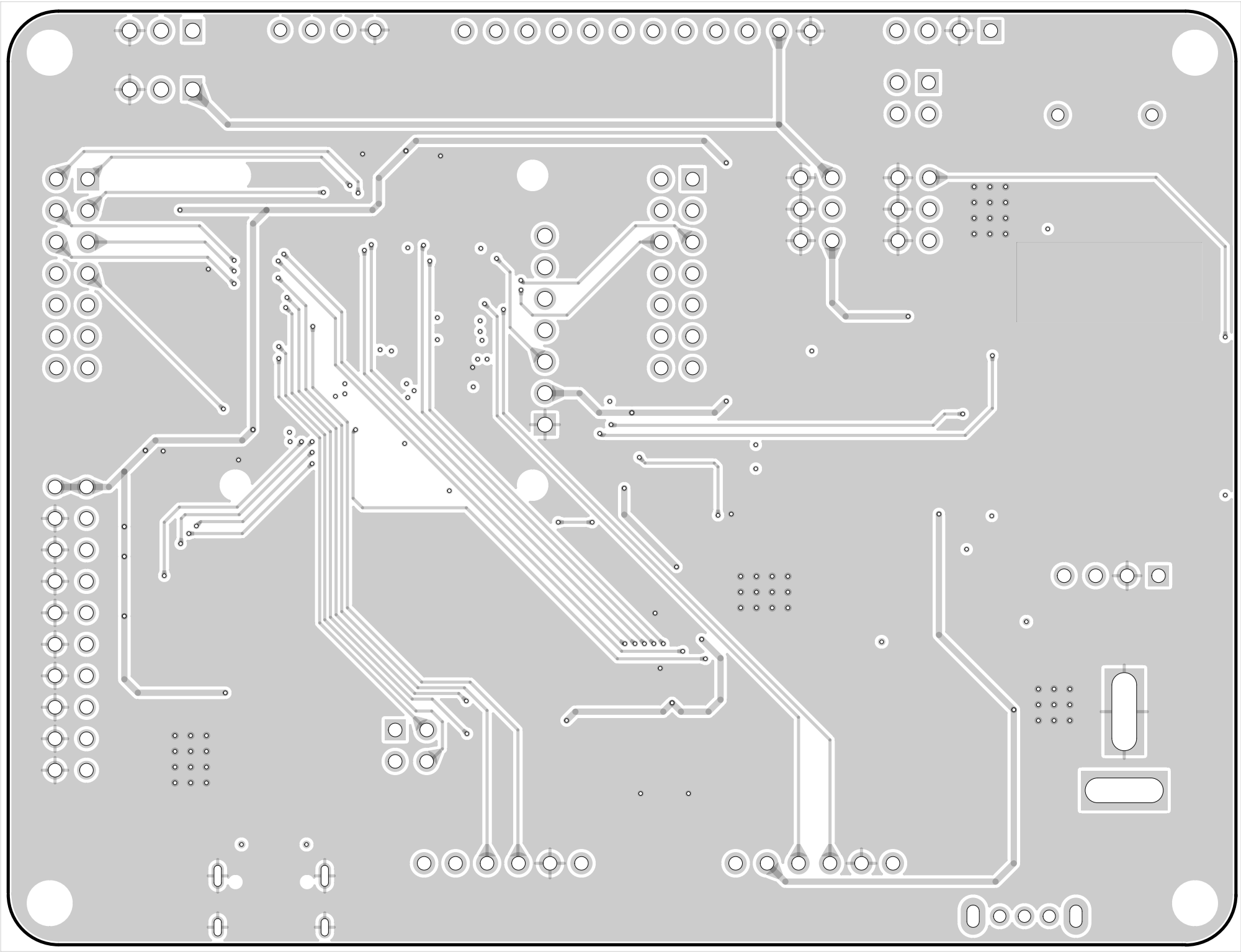
BUZZER
Camera
5V GND TXD RXD
C60
UART2
P3.2 P3.3
Grayscale
GND 5V KEY NC D1 D2 D3 D4 D5 D6 D7 D8
C53
KEY
Ultrasonic
GND ECHO TRIG 5V
C56
SteerA
5V SIG GND
SteerB
5V SIG GND
Q2
R29
R8
BLUETOOTH
3V3 GND
H8
5V GND
U7
R7
RESET1
C17
C31 C30
C32 C29
C28
AT24C02
L1
C26 C27
C61
R32
BLELED
ZIGBEE
5V GND P9.7 P9.6
C20
R11
R12
U6
C24
C25
R15
R14
R13
R17
R16
C23
C21
C22
H5
D1
C49
C50
C48
TB6612
P8.3 P8.4
P8.5 P9.0
P4.1 P4.2
P4.7 P5.0
P5.2 P5.1
P5.3 P5.4
P5.5 P9.3
C57
R30
R31
C37
C36
R22 R21 C58
MPU6050
C35
R19
R20
C34 C42
CS
DC
RES
D1
D0
VCC
GND
OLED1
C45 R23
U1
C6 X2 C62 C43 C44
L2
C38
C39
C41 C40
P3.4 P3.5
P3.1 P2.5
P2.4 P2.2
P10.0 P7.3
P7.1 P7.2
P6.6 P6.7
P6.2 P6.3
JTAG/SWD
C47
R9
R10
R24
R25
R26
KEY4 KEY3 KEY2 KEY0 KEY1
C55 R18 PWLED
R6 LED2
R27 LED1
R28 LED0
P1.2 TXD
UART0
P1.3 RXD
CH340N
C59
C19 C33
C51
LEFT_WHEEL
C52
RIGHT_WHEEL
F1
OFF ON
TEXAS INSTRUMENTS