GND 5V
USB_D+
USB_D−

/BOOT
C27
C28
X1
J11

R22
R21
R24
C26
U7
R28
R26
D4
R25
D3
R27
/RESET
R18
R17
C21
3V3
J5
3V3M
ICE_DONE
R19
RXD
TXD
ICE_RESET
/HP
/HOLD
/SS
SCK
MISO
MOSI
C24
ICE_CLK
3V7M
R75
R80
SW1
D2

3V7
BAT1
R16
C22
U4
C23

L1
C25
C20
R29
R30
U6

J12

PCB0-Power-USB

C1
U1
R1 SCL
R2 SDA
M4
GPS_TX
GPS_RX
GPS TEL0132
M3

J1 3V3
GND
M2_ON
M2
GP2Y1010AU0F
5V_CE 5V_UP
ICEMOSI BMECS
EN5V
ICEMISO EN1V4 5V_M4
ICESCK
ADCCS CH0 CH2
CH1 CH3
PCB2-Sensors P25
J2

PCB layout showing component labels: U3, L1, C5, R6, R7, Q3, R8, R9, C6, R3, M1, BME680 module, J1, R11, R4, Q4, C1, R5, C3

PCB3-Wireless

J1

LTX LRX

LBUSY

LDIØ1

C1

ANT1

M3

L1

C2 C3

LSCK

R1

3V3 LCS LMOSI

GND LMISO

J2