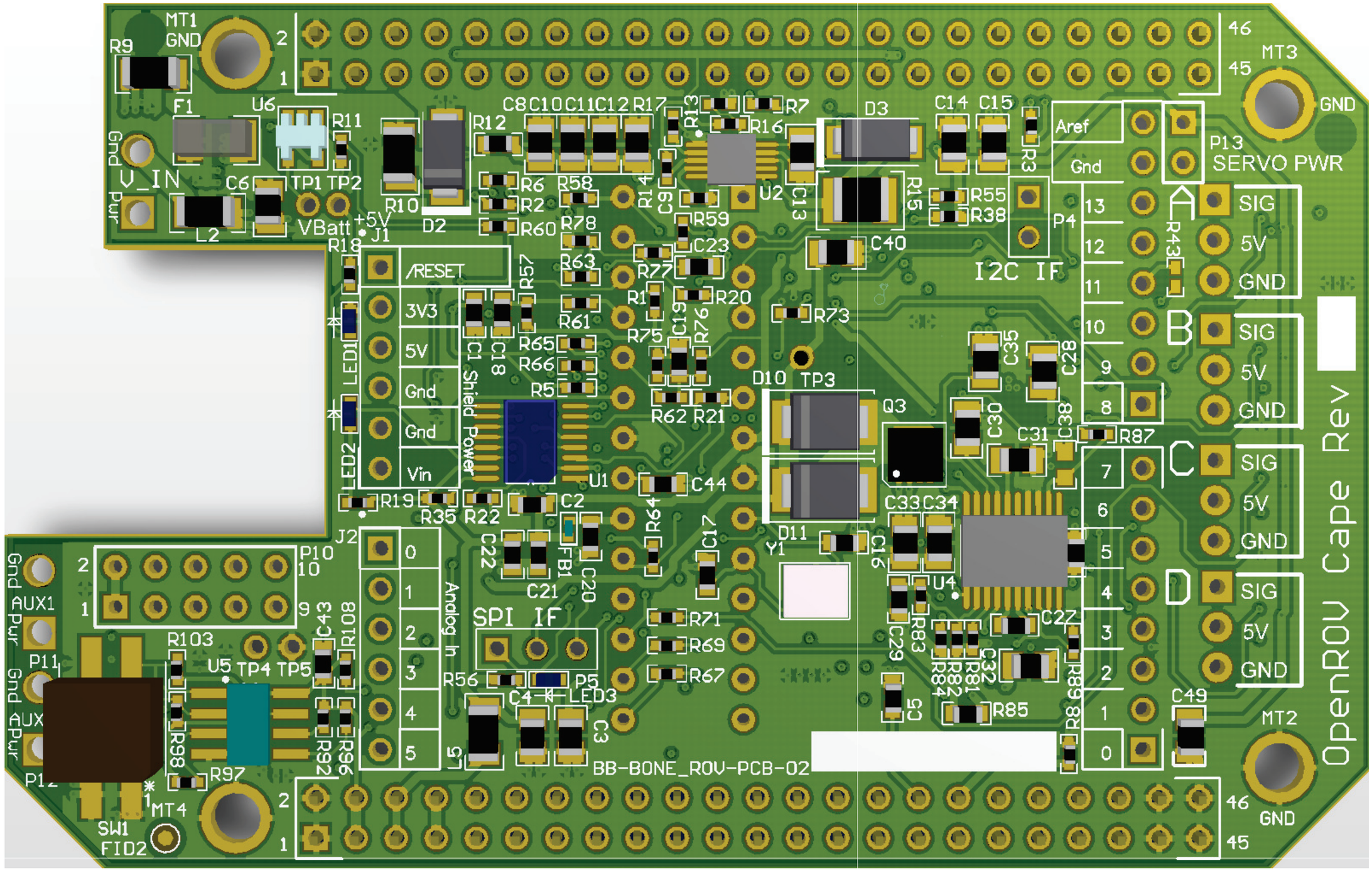
MT1
GND
R9
F1
U6
R11
R10
D2
C6
L2
TP1 TP2
VBatt
+5V
J1
R18
/RESET
3V3
5V
Gnd
Gnd
Vin
LED1
LED2
R19
R35
R22
J2
Shield Power
Analog In
C1
C18
R57
R5
U1
C2
C22
C21
FB1
C20
C44
R64
C17
D11
Y1
C16
U4
C33 C34
C29
C50
R83
R84
R82
R81
R80
C32
C22
R85
R89
R88
R87
C49
MT2
GND
46
45
MT3
GND
P13
SERVO PWR
SIG
5V
GND
SIG
5V
GND
SIG
5V
GND
SIG
5V
GND
Aref
Gnd
P4
I2C IF
R43
C35
C28
C30
C31
C38
D10
TP3
Q3
R73
R12
C8 C10 C11 C12 R17
R13
R7
R16
D3
C14 C15
R3
R6
R2
R60
R58
R78
R63
R61
R65
R66
R14
C9
R59
C23
R77
R1
R20
R75
C19
R76
R62 R21
U2
C13
R15
R55
R38
C40
R4
R58
R57
R103
U5
TP4 TP5
C43
R108
R98
R97
R92
R96
R56
P5
C4
LED3
C3
L1
BB-BONE_ROV-PCB-02
P10
10
9
Gnd
AUX1
Pwr
P11
Gnd
AUX
Pwr
P12
MT4
SW1
FID2
SPI IF
R71
R69
R67
OpenROV Cape Rev