

BOM **bt-bio-1.1**

Qty	Value
1	
8	100nF
1	10nF
7	10uF
2	1uF
10	2.2K
2	33K
2	4.7nF
4	4.7uF
4	47pF
1	47uH
4	4MMCONNECT
5	51K
2	53047-03
1	ADP121-AUJZ18R7
1	ADP121-AUJZ33R7
1	ADS1292RIPBS
1	BLUE
2	GREEN
1	LM2664/NOPB
1	LSM9DS1
1	MCP73837-FCI/UN
1	MINI-USB-SHIELD-UX60-MB-
1	MSP430G2553
1	RED
1	RN42
1	TL36YO
6	VDR,4V
1	Vbat

Device	Package
MA03-1	MA03-1
C-EUC0603	C0603
C-EUC0603	C0603
C-EUC1206	C1206
C-EUC0603	C0603
R-EU_R0603	R0603
R-EU_R0603	R0603
C-EUC0603	C0603
CPOL-EUSMCC	SMC_C
C-EUC0603	C0603
R-EU_R0805	R0805
4MMCONNECT	4MMCONNECT
R-EU_R0603	R0603
53047-03	53047-03
ADP121-AUJZ33R7	SOT95P280X100-5N
ADP121-AUJZ33R7	SOT95P280X100-5N
ADS1292R	TQFP-32
LEDCHIPLED_0805	CHIPLED_0805
LEDCHIPLED_0805	CHIPLED_0805
LM2664	SOT-23-5
LSM9DS1	LGA24-8X4
MCP73837	MSOP10
MINI-USB-SHIELD-UX60-M	UX60-MB-5ST
MSP430G2553	TSSOP20
LEDCHIPLED_0805	CHIPLED_0805
Bluetooth module	RN42
TL36YO	TL3XYO
R-EU_R0805	R0805
JP1E	JP1

Parts

SV1
 C1, C3, C5, C6, C9, C10, C13, C28
 C8
 C2, C7, C11, C12, C14, C20, C24
 C15, C16
 R2, R10, R12, R13, R16, R17, R18, R19, R21, R22
 R1, R20
 C17, C18
 C23, C25, C26, C27
 C4, C19, C21, C22
 L1
 U\$5, U\$7, U\$9, U\$10
 R4, R5, R6, R9, R23
 X1, X3
 U4
 U1
 ADS1292R
 LED1
 LED5, LED6
 U\$12
 U5
 U2
 X2
 U\$4
 LED2
 U\$3
 S1
 R3, R7, R8, R11, R14, R15
 VBAT

Description

PIN HEADER
 CAPACITOR, European
 CAPACITOR, European
 CAPACITOR, European
 CAPACITOR, European
 RESISTOR, European s
 RESISTOR, European s
 CAPACITOR, European
 POLARIZED CAPACITO
 CAPACITOR, European
 RESISTOR, European s

 RESISTOR, European s
 CONNECTOR
 150 mA, Low Quiescent
 150 mA, Low Quiescent

 LED
 LED

 LSM9DS1 3D acceleror

 MINI USB Connector

 LED

 TINY SWITCH ON - ON
 RESISTOR, European s
 JUMPER

	Farnell
	3417657
l symbol	1759122
l symbol	1759102
l symbol	1458919
l symbol	1759408
symbol	1469765
symbol	1469801
l symbol	2320809
OR, European symbol	1754202
l symbol	1759062
symbol	2215655
	1101130
symbol	2447393
	1022276
t Current, CMOS Linear Regulator	2457162
t Current, CMOS Linear Regulator	2074869
	3116601
	1716765
	2112116
	3123021
neter, gyroscope & magnetometer	2532383
	1675426
	2293774
	2325745
	2099241
	2678457
l	1550095
symbol	8832463
	CN09983