

BOM

bt-bio

rev 0\_97C

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

<b>Device</b>	<b>Package</b>
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
1 symbol	1759122
1 symbol	1759102
1 symbol	1458919
1 symbol	1759408
symbol	1469765
symbol	1469801
1 symbol	2320809
OR, European symbol	1754202
1 symbol	1759062
symbol	2215655
	1101130
symbol	2447393
	1022276
1 Current, CMOS Linear Regulator	2457162
1 Current, CMOS Linear Regulator	2074869
	3116601
	1716765
	1581242
	3123021
neter, gyroscope & magnetometer	2532383
	1675426
	2293774
	2325745
	2099241
	2678457
1	1550095
symbol	8832463
	CN09983