



Product: Bicycle Cadence Sensor

Date: 2018/12/04

Version:3.0

Cadence PCBA SR_GS10C, Part No.:AEZ0028

No.	Part Number	Part Name/Part Type	Parameter	Qty	Notes
1	EPF0020	Cadence sensor PCB	SR_GS10C (52832) ,FR-4,0.8mm,30.4X17.2mm ,1OZ	1	Cadence sensor PCB
2	EIS0031	IC	SMD,NRF52832-QFAA,QFN48,Flash/512K,RAM/64K	1	U1
3	EIS0022	IC	SMD,QMC5883L,LGA16,3x3x0.9mm	1	U2
4	EIS0023	IC	SMD,BMA253,LGA12,2x2x0.95mm	1	U3
5	ESS0004	Crystal	SC-32S,32768Hz,12.5PF,±20PPM	1	X2
6	ESS0006	Crystal	YSX321SL,32MHz ,12PF, 10PPM	1	X1
7	EES0002	LED	SMD,red,0603,18~22.5mcd,1.8~2.0V	1	D1
8	ERS0031	Resistor	SMD,0402,1K,±1%	1	R6
9	ERS0030	Resistor	SMD,0402,1M,±1%	1	R4
10	ERS0032	Resistor	SMD,0402,270K,±1%	1	R3
11	ERS0025	Resistor	SMD,0402,4.7K,±1%	4	R1,R2,R7,R8
12	ECS0017	Capacitor	SMD,0603,475,16V,X5R ,±10%	2	C2,C19
13	ECS0019	Capacitor	SMD,0603,225,16V,X5R ,±10%	1	C1
14	ECS0028	Capacitor	SMD,0402,224,10V,X5R ,±10%	1	C18
15	ECS0021	Capacitor	SMD,0402,104,16V,X7R ,±10%	8	C5,C8,C9,C15,C16,C17,C20,C21
16	ECS0036	Capacitor	SMD,0402,101,50V,X7R ,±10%	1	C11
17	ECS0031	Capacitor	SMD,0402,120,50V,NP0	2	C3,C4
18	ECS0042	Capacitor	SMD,0402,20pF,50V,NP0 ,±5%	2	C6,C7
19	ECS0037	Capacitor	SMD,0402,0R75,50V,COG; GRM1555C1HR75CZ01D;±0.25p;	1	C13
20	ECS0035	Capacitor	SMD,Tantalum Capacity,10uF,10V,3216,±10%	2	C22,C23
21	ELS0018	Inductor	SMD,SDCL1005C2N7STDF,Multilayer chip ceramic inductor,2.7nH,0402,±0.3nH	1	L5
22	ELS0011	Inductor	SMD,SDCL1005C15NJTDF,Multilayer chip ceramic inductor,15nH,0402,±5%	1	L1
23	ELS0013	Inductor	SMD,SDFL1608S100KTF,Multilayer chip ceramic inductor,10uH,0603,±10%	1	L2
24	ENS0006	Battery elastic contact	Positive elastic contact 	1	
25	ENS0005	Battery elastic contact	Negative elastic contact 	1	