



		Rev	Date	Sign	Release Notes	
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	INTERPRET GEOMETRIC TOLERANCING PER:	Title Assembly			Doc Number: ASM_ +	
	MATERIAL	Size A3	Project Name IMS Project Template		Revision V1.0	
	FINISH	Sheet 1 of 3	Print date: 20.08.2024	Drawn by: szar		
		File: Segway_Charging_Board_Assembly.PCBdWf				
		Repo: If used	Variant: [No Variations]			
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Bill Of Materials

Index	Designator	Name	Quantity	Footprint	Manufacturer Part Number 1
34	R9	3.3kR	1	RESC1005X04L	
33	R8	5.6kR	1	RESC1005X04L	
26, 28	R1, R3	9.1kR	2	RESC1608X06L	
37	R12	10kR	1	RESC1005X04L	
30	R5	10R	1	RESC1005X04L	
4, 5, 14	C2, C3, C12	10uF/50V	3	CAPC3225X25L	
6	C4	15pF/50V	1	CAPC1005X05L	
11	C9	22nF/50V	1	CAPC1005X05L	
32	R7	33kR	1	RESC1005X04L	
31, 36	R6, R11	47kR	2	RESC1005X04L	
7, 8, 9	C5, C6, C7	47uF/16V	3	CAPC3225X25L	
35	R10	100kR	1	RESC1005X04L	
27, 29	R2, R4	100kR	2	RESC1608X06L	
3, 10, 12, 13, 15	C1, C8, C10, C11, C13	100nF/50V	5	CAPC1005X05L	
17	F1	1210L050YR	1	FUSER3225X08L	
40	U1	BTS4142N	1	SOT230P700X180-4L	
24, 25	LED1, LED2	LTST-C190KRKT	2	LEDSC160X80X80-2Lr d	
41	U2	MP1496SGJ-x	1	TSOP65P280X100-8L	
18, 19, 20, 22	J1, J2, J3, J5	MPT 0.5/ 2-2.54 - 1725656	4	PHOENIX_1725656	
1, 2	BAT 1, BAT 2	PRPC003SGAN-M71RC	2	HD254_1x3_MH	
21	J4	RASM722X	1	SWITCHCRAFT_RAS M722X	
38, 39	T1, T2	SIRA64DP	2	SON127P620X110-9T4 00X365L	
16	D1	SMF15CA	1	SODFL370X110-2L	
23	L1	SRP7050TA-5R6M	1	INDP7366X50L	
42, 43	ZD1, ZD2	SZMM5Z13VT1G	2	SODFL160X70-2L	

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MATERIAL

FINISH

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Title			2024071101NumberASM_1		
Assembly					
Size	Project Name				Revision
A4	IMS Project Template				V1.0
Sheet	3 of 3	Print date: 20.08.2024		Drawn by: szar	
File:	Segway_Charging_Board_Assembly.PCBdWf				
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