

BOM_power_driver_parallelism_2024-06-21

ID	Name	Designator	Footprint	Quantity
1	0.1uF	C1	C0603	1
2	100uF	C2	C1206	1
3	0.47uF	C3	C1206	1
4	EEEEFK1V152AM	C4	CAP_EEEFK1V152AM	1
5	10u 50V	C17	C0603	1
6	220nF	C18	C0603	1
7	220pF	C19,C20	C0603	2
8	1N5820G	D1	DO-201AD_BD5.3-L8.4-P12.50-D1.4-RD	1
9	150060RS75000	LED1	LED0603-RD_RED	1
10	150060GS75000	LED2	LED0603-RD_GREEN	1
11	XZMDKDGK55W-4	LED3	LEDC3216X110N	1
12	S4B-PH-SM4-TB(LF)(SN)	POWER1	CONN-SMD_S4B-PH-SM4-TB-LF-SN	1
13	OZCJ0050AF2E	PTC1	OZCJ	1
14	1k	R1,R2	R0603	2
15		300 R3	R1206	1
16		120 R4,R7	R1206	2
17	3K	R6	R1206	1
18	1-1571986-5	SW1	SW-TH_1-1571986-5	1
19	BD6231F-E2	U1	SOP-8_L5.0-W4.4-P1.27-LS6.2-BL	1
20	POWER-JACK	U2	DC-IN-TH_POWER-JACK	1
21	LM2585S-12/NOPB	U3	TO-263-5_L10.2-W8.6-P1.70-LS14.4-TL	1
22	15uH	U4	IND-SMD_L7.3-W6.6	1
23	S3B-PH-SM4-TB(LF)(SN)	U5	CONN-SMD_S3B-PH-SM4-TB-LF-SN	1
24	USB4125-GF-A	USB1	TYPE-C-SMD_TYPE-C-6P_USB4125-GF-A-0190	1
25	MOLEX MINI-FIT JR_2P_2R	X1,X2	MOLEX MINI-FIT JR_2P_2R-90	2

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Manufacturer Part	NOTE	ADDED CART
		YES
		YES
		YES
		YES
		YES
		YES
		YES
1N5820G		YES
150060RS75000		YES
150060GS75000		YES
		YES
S4B-PH-SM4-TB(LF)(SN)		YES
0ZCJ0050AF2E		YES
		YES
		YES
		YES
		YES
300SP1J3VS2QE		YES
BD6231F-E2		YES
POWER-JACK		NA
LM2585S-12/NOPB		YES
ASPI-0630LR-150M-T15		YES
S3B-PH-SM4-TB(LF)(SN)		YES
USB4125-GF-A		YES
26013114		NA