

#	Reference	Qty	Value	Description	DNP	JLPCB #	LCSC Part #	Mfr	Mfr PN	Mfr1	Mfr1 PN	Mfr2	Mfr2 PN
1	C1	1	10n	CAP CER 10NF 10% 50V X7R 0603		C57112	C57112	generic	na	generic	na		
2	C2,C6,C10,C11	4	2.2u	CAP CER 2.2UF 16V X5R 0603		C23630	C23630	generic	na	generic	na		
3	C3,C4	2	10u	CAP CER 10UF 50V X7R 1206		C13585	C13585	Samsung	CL31B106KBHNNNE	Samsung	CL31B106KBHNNNE		
4	C5,C9,C12,C13	4	100nF	Cap Cer, 100nF, +-10%, X7R, 50V, 0603		C14663	C14663	generic	na	generic	na		
5	C7,C8	2	4.7u	CAP CER 4.7UF 50V X5R 0805		C98192	C98192	Murata	GRT21BR61H475KE13L	Samsung	CL21A475KBQNNNE	Murata	GRT21BR61H475KE13L
6	D1,D3	2	Yellow	LED YELLOW CLEAR 0603 SMD		C434424	C434424			WÃ¼rth	150060YS75000	Yongyu Photoelectric	SZYY0603Y
7	D2	1	Green	LED GREEN CLEAR 0603 SMD		C434420	C434420			WÃ¼rth	150060GS75000	Yongyu Photoelectric	SZYY0603G
8	D4	1	Red	LED RED CLEAR 0603 SMD		C2286	C2286			WÃ¼rth	150060RS75000	Hubei KENTO Elec	KT-0603R
9	D5	1	DSS26	TVS DIODE 12.8VWM 21.2VC SOD123		C511867	C511867	On Semi	SS26FL	On Semi	SS26FL	BORN	DSS26
10	FB1,FB2	2	600R/0.5A	IND FERRITE 600R 0.5A 0603		C710380	C710380	Murata	BLM18AG601SN1D	Murata	BLM18AG601SN1D		
11	J1	1	Bus_M.2	M.2 Socket 1-SD Mechanical Key AE			C2761457	FOXCONN	AS0BC21-S48BE-7H	Amphenol ICC	MDT420E01001	Amphenol ICC (FCI)	MDT420E03001
12	J2	1	USB_C	CONN, USB-C 2.0, TH			C2988369	G-Switch	GT-USB-7010ASV	G-Switch	GT-USB-7010ASV		
13	J3	1	ENABLE	CONN, 2PIN, 2.54MM, TH		C492401	C492401	Adam Tech	PH1-02-UA	Adam Tech	PH1-02-UA		
14	J4	1	QWIIIC	CONN HEADER R/A 4POS 1MM SMD		C160404	C160404	JST	SH_SM04B-SRSS-TB	JST	SM04B-SRSS-TB(LF)(SN)		
15	J5	1	UART	CONN, 3PIN, 2.54MM, TH		C49257	C49257	Adam Tech	PH1-03-UA				
16	L1	1	4.7uH	FIXED IND 4.7UH 3A 37MOHM SMD		C171792	C171792	Murata	LQH5BPN4R7NT0L	Murata	LQH5BPN4R7NT0L	TDK	VLS6045AF-6R8M
17	Q1	1	FDN304P	MOSFET P-CH 20V 2.4A 53mOhm, SOT23-3	DNP		C154510			ON Semi	FDN306P		
18	Q2	1	FDC6303N	MOSFET 2N-CH 25V 0.68A SOT23-6 G1S2G2D2S1D1		C5246389	C5246389	Rohm	FDC6303N	TECH PUBLIC	FDC6301N-TP		
19	R1,R7,R11	3	27R	RES 27R 1% 0.1W 0603		C25190	C25190	generic	na	generic	na		
20	R2,R5,R6,R9,R10	5	5K1	RES 5K1 1% 0.1W 0603		C23186	C23186	generic	na	generic	na		
21	R3	1	15K4	Res, 15K4, 1%, 0.1W, 0603		C2933150	C2933150	generic	na	generic	na		
22	R4	1	47K0	Res, 47K, 1%, 0.1W, 0603	DNP	C25819	C25819	generic	na	generic	na		
23	R8,R12,R13,R14,R15	5	47K0	Res, 47K, 1%, 0.1W, 0603		C25819	C25819	generic	na	generic	na		
24	U1	1	USBLC6-2	DIODE, TVS, 2-CH 5V, SOT-666		C2827693	C2827693	ST Micro	USBLC6-2P6	ST Micro	USBLC6-2P6	TECH PUBLIC	USBLC6-2P6
25	U2	1	TPS2041B	Single power-distribution switcher		C51386	C51386	TI	TPS2041BDBVR	TI	TPS2041BDBVT		
26	U3	1	AP2125KS-1.8	IC REG LINEAR 1.8V 300MA SOT23-5		C7214645	C7214645	Diodes Inc.	AP2125KS-1.8TRG1	Diodes Inc.	AP2125KS-1.8TRG1		
27	U4	1	AP3211	IC SWITCHER 4V TO 21V 1A SOT23-6		C154863	C154863	Diodes Inc	AP3211KTR-G1	Diodes Inc	AP3211KTR-G1	Rohm	BD9G101G-TR (different FB resistors)
28	U5	1	TXS0102DCT	IC, Level Shifter 2-bit, 1.6V to 5.5V, SSOP-8		C324082	C324082	TI	TXS0102DCTR				