

ID	Name	Designat	Footprint	Industry Foot	Quantity	Manufacturer Part	Manufacturer	Supplier Part	Alternative	Alternative Mnfr Part	Cost (USD)
1	0.1u	C1,C4,C	C0805		11						
2	10u	C2,C3,C	C1206		7				C109464		0.0506
3	10p	C17	C0603		1						
4	BAS40-05-TP	D2	SOT-23-3_L2.9-W1.3-P1.90-LS2.4-BR	SOT-23-3	1	BAS40-05-TP	MCC(美微	LCSC C668863	C134359	BAS40-05-7-F	0.0297
5	1N4148WS T4	D3	SOD-323_L1.8-W1.3-LS2.5-RD		1	1N4148WS	CJ (江苏	LCSC C2128	C57759	1N4148WS	0.0097
6	470nH	L1	IND-SMD_L4.3-W4.0_GPSR0420		1	GPSR0420-4R7MSC	Gantong(展	LCSC C477143	C18221164	470uH 4mmx4mm	0.8821
7	6.3nH	L2	L0603		1			LCSC LQW18AN6N8D00D	C86136	LQW18AN6N8C00D	0.0341
8	CMT-7525-80-SMT-TR	LS1	XDCR_CMT-7525-80-SMT-TR		1			LCSC	C417427		0.3791
9	BC817-16	Q1	SOT-23-3_L2.9-W1.3-P1.90-LS2.4-BR		1	BC817-16	Yangzhou \	LCSC C699233			
10	1k	R1,R2,R1	R0603		6			LCSC	C110776		0.019
11	27k	R3,R4	R0603		2			LCSC	C309651		0.0239
12	100k	R5,R15,R	R0603		4			LCSC	C14675		0.0009
13	30R	R6	R1206		1			LCSC	C319649		0.025
14	1R	R7,R8	R2512	2512	2			LCSC	C2912612		0.1
15	1R	R9	R1206	1206	1	RT1206FRE071RL	YAGEO	LCSC C728690	C1857715		0.2231
16	10k	R10,R11,	R0603		5			LCSC	C98220		0.0009
17	1M	R14,R21	R0603		2			LCSC	C105578		0.0012
18	0R	R17	R0603		1			LCSC	C116699		0.0022
19	316k	R23	R0603	0603	1			LCSC	C861317	316k 0.1% 25ppm	0.0253
20	EVPBFAC1A000	SW1,SW	KEY-SMD_4P-L6.0-W6.0-P4.00-LS6.6		2	EVPBFAC1A000	PANASONI	LCSC C2915181	C485722	EVPBF6C1A044	0.3286
21	TPS7A20185PDBVR	U1	SOT-23-5-DBV0005A		1	TPS7A2012PDBVR	TI	LCSC C2864597			0.2852
		U1				AP7343D-185W5	Diodes Inc				
22	TPS61021ADSGR	U2	WSON-8_L2.0-W2.0-P0.50-TL-EP	WSON-8	1	TPS61021ADSGR	Texas Instr	LCSC C193037			0.2992
23	AD8628WAUJZ-RL	U3	TSOT-5_L2.9-W1.6-P0.95-LS2.8	TSOT-23-5	1	AD8628WAUJZ-RL	ADI(亚德	LCSC C653044	C141946	AD8628AUJZ-R2	2.87
24	MCP3421A3T-E/CH	U4	SOT-23-6_L2.9-W1.6-P0.95-LS2.8-BR		1	MCP3421A0T-E/CH	MICROCHI	LCSC C29454			1.612
25	STM32G030F6P6	U5	TSSOP-20_L6.5-W4.4-P0.65-LS6.4-BL		1	STM32G030F6P6	STMicroele	LCSC C724040			0.514
26	OLED 0.91 Inch	U6	OLED 0.91 INCH		1			AliExpress			
27	1R	Calib	R0603	0603	1			LCSC	C861215	1R 0.1% 22ppm 0603	0.0272
28	8.2R	Calib	R0603	0603	1			LCSC	C861215	1R 0.1% 22ppm 0603	0.0246