



GERBER-Micro\_mouse\_final

PCB

Bill of Materials

Component Placements

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Top Side			Total 42 parts detected			72 Parts confirmed			3 parts not selected			Complete File			Upload BOM/CPL		
Uploaded BOM Data			Review Matched Parts														
Top Designator	Comment	Footprint	Matched Part Detail			Qty	Source	Lib Type	Total Cost	<input type="checkbox"/> Select							
C1	CL31B105KB...	C1206	CL31B105KBHNNNE	C1848		2	JLCPCB	Basic	\$0.0448	<input type="checkbox"/>							
C3	22uF	C1206	CL31A226KAHNNNE	C12891		6	JLCPCB	Basic	\$0.2784	<input type="checkbox"/>							
C5	22uF	C1206	CL31A226KAHNNNE	C12891						<input type="checkbox"/>							
C6	22u	C1206	CL31A226KAHNNNE	C12891						<input type="checkbox"/>							
C4	RVT220UF10...	CAP-SMD_BD6....	RVT220UF10V67RV0037	C2833309		20	JLCPCB	Extended	\$0.6700	<input type="checkbox"/>							
C7	10u	CAP-SMD_L3.2-...	TAJA106K016RNJ	C7171		2	JLCPCB	Basic	\$0.2196	<input type="checkbox"/>							
D2,D6	SS34_C8678	SMA_L4.3-W2.6-...	SS34	C8678		4	JLCPCB	Basic	\$0.1088	<input type="checkbox"/>							
J2	USB_C_Recep...	TYPE-C-SMD_T...	USB-TYPE-C-009	C2927029		2	JLCPCB	Extended	\$0.0760	<input type="checkbox"/>							
L1	10uH	L0805	SDFL2012S100KTF	C1046		8	JLCPCB	Basic	\$0.1576	<input type="checkbox"/>							
L2	10u	L0805	SDFL2012S100KTF	C1046						<input type="checkbox"/>							
L3	10u	L0805	SDFL2012S100KTF	C1046						<input type="checkbox"/>							
L4	10u	L0805	SDFL2012S100KTF	C1046						<input type="checkbox"/>							
LED1,LED2	KT-0603R	R0603	KT-0603R	C2286		4	JLCPCB	Basic	\$0.0224	<input type="checkbox"/>							
R1	0.2	R2512	RLP25FEER200	C459674		8	JLCPCB	Extended	\$0.4344	<input type="checkbox"/>							
R2	0.2	R2512	RLP25FEER200	C459674						<input type="checkbox"/>							
R3	0603WAF750...	R0603	0603WAF7502T5E	C23242		2	JLCPCB	Basic	\$0.0022	<input type="checkbox"/>							
R4	0805W8F270...	R0805	0805W8F2702T5E	C17593		2	JLCPCB	Basic	\$0.0036	<input type="checkbox"/>							
R5	47k	R0805	0805W8F4702T5E	C17713		8	JLCPCB	Basic	\$0.0144	<input type="checkbox"/>							
R7	47k	R0805	0805W8F4702T5E	C17713						<input type="checkbox"/>							
R8	47k	R0805	0805W8F4702T5E	C17713						<input type="checkbox"/>							
R10	0805W8F470...	R0805	0805W8F4702T5E	C17713						<input type="checkbox"/>							
R6	10k	C1206	1206W4F1002T5E	C17902		6	JLCPCB	Basic	\$0.0180	<input type="checkbox"/>							
R17	10k	C1206	1206W4F1002T5E	C17902						<input type="checkbox"/>							
R18	10k	C1206	1206W4F1002T5E	C17902						<input type="checkbox"/>							
R11	0.4	R0402	RL0402FR-070R4L	C728428		20	JLCPCB	Extended	\$0.0940	<input type="checkbox"/>							
R12	2k	C1206	1206W4F2001T5E	C17944		2	JLCPCB	Basic	\$0.0062	<input type="checkbox"/>							
R14	1k	R0402	0402WGF1001TCE	C11702		4	JLCPCB	Basic	\$0.0024	<input type="checkbox"/>							
R16	1k	R0402	0402WGF1001TCE	C11702						<input type="checkbox"/>							
R15	6k	R0805	ARG05BTC6001N	C2828725		6	JLCPCB	Extended	\$0.1938	<input type="checkbox"/>							
REF1	high_frequenc...	CAP-TH_BD10.0...	GR687M035G20RROVL4FP0	C23777		3	JLCPCB	Extended	\$0.3600	<input type="checkbox"/>							
U2	AMS1117-3.3	SOT-223-3_TabP...	AMS1117-3.3	C6186		2	JLCPCB	Basic	\$0.3310	<input type="checkbox"/>							
U3	HUSB237-AA0...	TDFN-6_L2.0-W...	HUSB237-AA001-DN06R	C22373734		6	JLCPCB	Extended	\$1.1214	<input type="checkbox"/>							
U4	MT3608	SOT-23-6_L2.9-...	MT3608	C84817		6	JLCPCB	Extended	\$0.3594	<input type="checkbox"/>							
U5	LM2596SX-5_...	TO-263-5_L10.2-...	LM2596SX-5.0/NOPB	C10002		2	JLCPCB	Extended	\$1.7970	<input type="checkbox"/>							
U6	SK22D15L5	SW-TH_XKB_SK...	SK22D15L5	C2884795		2	JLCPCB	Extended	\$0.5970	<input type="checkbox"/>							
U7,U8	L298N_C19922	MULTIWATT-15_...	L298N	C19922		4	JLCPCB	Extended	\$12.2220	<input type="checkbox"/>							
U9	TP4056_C382...	ESOP-8_L4.9-W...	TP4056	C382139		2	JLCPCB	Extended	\$0.1932	<input type="checkbox"/>							
U10	SN74LVC1G3...	SC-70-6_L2.2-W...	SN74LVC1G3157DCKR	C38663		6	JLCPCB	Extended	\$0.3090	<input type="checkbox"/>							
U11,U13	TPS22917DB...	SOT-23-6_L2.9-...	TPS22917DBVR	C2681320		4	JLCPCB	Extended	\$0.9164	<input type="checkbox"/>							
J1	Conn_01x02	JST_PH_S2B-P...	No Part Selected			Pre-order											
J3	Conn_02x16_...	PinHeader_2x16...	No Part Selected			Pre-order											
U1	INA219AxDCN	SOT-23-8	No Part Selected			Pre-order											

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