👋 Welcome back, may I hel;

JLC Other Services: JLC3DP - 3D Printing JLCCNC - CNC Machining **\$** Coupons ? Help > USD V JLCMC - Mechatronic Parts Why JLCPCB? Capabilities Support \neg Resources • Order now My file kholo.zondi 🗸 GERBER-Micro_mouse_final $\ensuremath{\mathbb{Z}}$ Automatically saved, last updated on 8 April, 08:19 **Component Placements** PCB **Bill of Materials Quote & Order**

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Uploaded BOM Data			Review Matched Parts							
p Designator	Comment	Footprint	Matched Part Detail		Qty	Source	Lib Type	Total Cost	Select ?	
	CL31B105KB	C1206	CL31B105KBHNNNE C1848 50V 1uF X7R ±10% 1206 Multilayer Ceramic Cap	Q	2	JLCPCB	Basic	\$0.0448		
	22uF	C1206	CL31A226KAHNNNE C12891 (1)	Q						
	22uF	C1206	25V 22uF X5R ±10% 1206 Multilayer Ceramic Ca CL31A226KAHNNNE C12891 ①	Q	6	JLCPCB	Basic	\$0.2784		
	22u	C1206	25V 22uF X5R ±10% 1206 Multilayer Ceramic Ca CL31A226KAHNNNE C12891 ①	,						
			25V 22uF X5R ±10% 1206 Multilayer Ceramic Ca RVT220UF10V67RV0037 C2833309	Q	20	II ODOD	Enhanded	40.6700		
	RVT220UF10	CAP-SMD_BD6	220uF 10V 69mA@120Hz ±20% SMD,D6.3xL5.4 TAJA106K016RNJ C7171	Q	20	JLCPCB	Extended	\$0.6700 ②		
	10u	CAP-SMD_L3.2	10uF 16V 3Ω@100kHz ±10% CASE-A-3216-18(SS34 C8678	Q	2	JLCPCB	Basic	\$0.2196		
06	SS34_C8678	SMA_L4.3-W2.6	40V Independent Type 3A 550mV@3A SMA(DO USB-TYPE-C-009 C2927029 ①	Q	4	JLCPCB	Basic	\$0.1088		
	USB_C_Recep	TYPE-C-SMD_T	5A 1 Horizontal attachment 6P Female -25°C~+	Q	2	JLCPCB	Extended	\$0.0760		
	10uH	L0805	SDFL2012S100KTF C1046 (1) 15mA 10uH ±10% 1.15Ω 0805 Inductors (SMD)	Q			PCB Basic	\$0.1576		
	10u	L0805	SDFL2012S100KTF C1046 ① 15mA 10uH ±10% 1.15Ω 0805 Inductors (SMD)	Q	8 JLCPC	JI CPCB				
	10u	L0805	SDFL2012S100KTF C1046 ① 15mA 10uH ±10% 1.15Ω 0805 Inductors (SMD)	Q		JLCFCB			* Walsama bask	
	10u	L0805	SDFL2012S100KTF C1046 ① 1.5mA 10uH ±10% 1.15Ω 0805 Inductors (SMD)	Q					Welcome back,	
1,LED2	KT-0603R	R0603	KT-0603R C2286 -40°C~+85°C Red 0603 LED Indication - Discrete	Q	4	JLCPCB	Basic	\$0.0224		
	0.2	R2512	RLP25FEER200 C459674 ① 2W 200mΩ ±50ppm/°C ±1% 2512 Current Sense	Q						
	0.2	R2512	RLP25FEER200 C459674 ①	Q	8	JLCPCB	Extended	\$0.4344		
	0603WAF750	R0603	2W 200mΩ ±50ppm/°C ±1% 2512 Current Sense 0603WAF7502T5E C23242	Q	2	JLCPCB	Basic	\$0.0022		
	0805W8F270	R0805	100mW Thick Film Resistors 75V ±100ppm/°C ± 0805W8F2702T5E C17593		2	JLCPCB	Basic	\$0.0036		
			125mW Thick Film Resistors 150V ±100ppm/°C 0805W8F4702T5E C17713 ①	Q	2	JLCPCB	Dasic	\$0.0036		
	47k	R0805	125mW Thick Film Resistors 150V ±100ppm/°C 0805W8F4702T5E C17713 ①	Q			Basic	\$0.0144 🕖		
	47k	R0805	125mW Thick Film Resistors 150V ±100ppm/°C 0805W8F4702T5E C17713 ①	Q	8	JLCPCB				
	47k	R0805	125mW Thick Film Resistors 150V ±100ppm/°C	Q						
	0805W8F470	R0805	0805W8F4702T5E C17713	Q						
	10k	C1206	1206W4F1002T5E C17902	Q		JLCPCB	Basic	\$0.0180 🕜		
	10k	C1206	1206W4F1002T5E C17902	Q	6					
	10k	C1206	1206W4F1002T5E C17902	Q						
	0.4	R0402	RL0402FR-070R4L C728428 ① Thick Film Resistors ±800ppm/°C ±1% 400mΩ 0	Q	20	JLCPCB	Extended	\$0.0940 🕜		
	2k	C1206	1206W4F2001T5E C17944 (1) 250mW Thick Film Resistors 200V ±100ppm/°C	Q	2	JLCPCB	Basic	\$0.0062 @		
	1k	R0402	0402WGF1001TCE C11702 ①	Q						
	1k	R0402	62.5mW Thick Film Resistors 50V ±100ppm/°C 0402WGF1001TCE C11702 ①	Q	4	JLCPCB	Basic	\$0.0024		
	6k	R0805	62.5mW Thick Film Resistors 50V ±100ppm/°C ARG05BTC6001N C2828725 ①	Q	6	JLCPCB	Extended	¢0.1039 @		
			$\pm 0.1\%$ 6k Ω 0805 Chip Resistor - Surface Mount GR687M035G20RR0VL4FP0 C23777		6		Extended	\$0.1938 ②		
1	high_frequenc	CAP-TH_BD10.0	680uF 35V ±20% Plugin,D10xL20mm Aluminum AMS1117-3.3 C6186	Q	3	JLCPCB	Extended	\$0.3600 ②		
	AMS1117-3.3	SOT-223-3_TabP	72dB@(120Hz) 1A Fixed 3.3V Positive electrode HUSB237-AA001-DN06R C22373734	Q	2	JLCPCB	Basic	\$0.3310 🕜		
	HUSB237-AA0	TDFN-6_L2.0-W	DFN-6L-EP(2x2) USB PD ROHS	Q	6	JLCPCB	Extended	\$1.1214 🕜		
	MT3608	SOT-23-6_L2.9	MT3608 C84817 Boost type 28V 2V~24V SOT-23-6 DC-DC Conver	Q	6	JLCPCB	Extended	\$0.3594		
	LM2596SX-5	TO-263-5_L10.2	LM2596SX-5.0/NOPB C10002 Step-down type Fixed 5V 3A 4.5V~40V TO-263-5	Q	2	JLCPCB	Extended	\$1.7970 🕜		
	SK22D15L5	SW-TH_XKB_SK	SK22D15L5 C2884795 3A DPDT 50V 50V 3A 10000 times Black Plugin	Q	2	JLCPCB	Extended	\$0.5970 ②		
J8	L298N_C19922	MULTIWATT-15	L298N C19922 Half Bridge 4.5V~7V MultiwAtt-15 Gate Drivers	Q	4	JLCPCB	Extended	\$12.2220		
	TP4056_C382	ESOP-8_L4.9-W	TP4056 C382139 4V~6V Lithium-ion/Polymer 1 1A ESOP-8 Batter	Q	2	JLCPCB	Extended	\$0.1932 ②		
	SN74LVC1G3	SC-70-6_L2.2-W	SN74LVC1G3157DCKR C38663	Q	6	JLCPCB	Extended	\$0.3090 ②		
,U13	TPS22917DB	SOT-23-6_L2.9	15Ω 1 SPDT(SPDT) SC-70-6(SOT-363) Analog S TPS22917DBVR C2681320	\bigcirc	4	JLCPCB	Extended	\$0.9164 🕜		
	Conn_01x02	JST_PH_S2B-P	0V~5.5V 80mΩ 2A 1 SOT-23-6 Power Distributio No Part Selected Sea	rch Q	Pre-order				_	
	Conn_02x16			,						
		PinHeader_2x16		rch Q	Pre-order					
	INA219AxDCN	SOT-23-8	No Part Selected Sea	rch Q	Pre-order					

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