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Simon-2025

PCB

Bill of Materials

Component Placements

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Top Side Total 14 parts detected | 24 Parts confirmed | 1 parts not selected

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Upload BOM/CPL

Uploaded BOM Data			Review Matched Parts					
Top Designator	Comment	Footprint	Matched Part Detail	Qty	Source	Lib Type	Total Cost	Select
BZ1	Buzzer	Buzzer_CUI_CPT...	FUET-9018 C391035 65dB Passive (external drive) Piezoelectric 4kHz...	75	JLCPCB	Extended	\$27.9000	<input checked="" type="checkbox"/>
C1	10uF	1206	CL31A106KBHNNNE C13585 50V 10uF X5R ±10% 1206 Multilayer Ceramic Ca...	79	JLCPCB	Basic	\$2.3147	<input checked="" type="checkbox"/>
C2	0.1uF	0603	CC0603KRX7R9BB104 C14663 50V 100nF X7R ±10% 0603 Multilayer Ceramic C...	85	JLCPCB	Basic	\$0.2125	<input checked="" type="checkbox"/>
C3	10nF	0603	0603B103K500NT C57112 50V 10nF X7R ±10% 0603 Multilayer Ceramic Ca...	81	JLCPCB	Basic	\$0.1944	<input checked="" type="checkbox"/>
C4	0.47uF	0603	CL10B474KA8NNNC C1623 25V 470nF X7R ±10% 0603 Multilayer Ceramic C...	85	JLCPCB	Basic	\$0.5695	<input checked="" type="checkbox"/>
IC1	MSPM0G350...	SOP50P490X11...	MSPM0L1305TDGS28R C22362606 VSSOP-28 Microcontrollers (MCU/MPU/SOC) R...	75	JLCPCB	Extended		
J2	Conn_01x05	PinHeader_1x05...	MTP125-1105R1 C376123 Bend insert Policy 2.5mm 5P 6mm -40°C~+105...	75	JLCPCB	Extended	\$2.5800	<input checked="" type="checkbox"/>
LED1,LED2,LED3,L...	BL-HBGR32L-...	BL-HBGR32L-3-...	SK9822-A C5378730 SMD-6P,5x5mm RGB LEDs(Built-in IC) ROHS	300	JLCPCB	Extended	\$22.4100	<input checked="" type="checkbox"/>
R5	47k	0603	0603WAF4702T5E C25819 100mW Thick Film Resistors 75V ±100ppm/°C ...	81	JLCPCB	Basic	\$0.0648	<input checked="" type="checkbox"/>
R6	100k	0603	0603WAF1003T5E C25803 100mW Thick Film Resistors 75V ±100ppm/°C ...	85	JLCPCB	Basic	\$0.0680	<input checked="" type="checkbox"/>
SW1,SW2,SW3,SW4	SW_DPST	SW_SPST_PTS6...	PTS645SK43SMTR92LFS C221871 6mm 4.3mm Round Button 50mA Standing past...	300	JLCPCB	Extended	\$28.5000	<input checked="" type="checkbox"/>
SW6	SW_SPDT	SW_DPDT_CK_J...	JS202011JCQN C221665 300mA Standing paste DPDT 6V 5千次 SMD Slid...	75	JLCPCB	Extended	\$49.0500	<input checked="" type="checkbox"/>
U1	LIS2HH12	LGA-12_2x2mm...	LIS2HH12TR C221446 X,Y,Z LGA-12(2x2) Accelerometers ROHS	75	JLCPCB	Extended	\$41.7375	<input checked="" type="checkbox"/>
J1	Conn_01x09	PinHeader_1x09...	No Part Selected					

Please carefully check the packages of selected parts before proceeding.

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