

Comment	Description	Designator	Footprint	LibRef	Quantity
10uF	Chip capacitors	C1	0603_C	0603 10uF (106) 10% 10V	1
4.7uF	Chip capacitors	C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57	0603_C	0603 4.7uF (475) 10% 16V	56
WS2812B-2020	SMD,2x2mm RGB LEDs(Built-in IC) ROHS	D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17, D18, D19, D20, D21, D22, D23, D24, D25, D26, D27, D28, D29, D30, D31, D32, D33, D34, D35, D36, D37, D38, D39, D40, D41, D42, D43, D44, D45, D46, D47, D48, D49, D50, D51, D52, D53, D54, D55, D56	LED_WS2812-2020	WS2812B-2020	56
1x10 HDR	Conn Unshrouded Header HDR 10 POS 2.54mm Solder ST Thru-Hole Bag	J1	Hdr_Male_1x10_2.54mm	69190-410HLF	1
HDR 1x3	BERGSTIK II .100" SR STRAIGHT	J2	Hdr_1x3_2.54mm	68000-103HLF	1
0Ω	Chip resistor	R1, R2, R3, R4	0805_R	0805 0R (OR0) 1%	4
4.7KΩ	Chip resistor	R5, R6, R7, R8, R9, R10, R11, R12	0805_R	0805 4.7K (4701) 1%	8
1825910-6	SWITCH TACTILE SPST-NO 0.05A 24V	SW1, SW2, SW3, SW4, SW5, SW6, SW7, SW8	1825910-6	1825910-6	8
74HC165D	74系列逻辑芯片	U1	SOIC-16_150mil	74HC165D_[C5613]	1
SLIDE POT	10 kOhms 0.125W, 1/8W Through Hole Slide Potentiometer Top Adjustment Type	VR1, VR2, VR3, VR4	PTA6043-2015DPB103	PTA6043-2015DPB103	4