cm2

Ref	Qnty	Value	Description	Part Number/source	URL	Notes
C1, C2	2	100uF	C_Polarized_Small_US			Alternate footprints: Only need C1 and C2 OR C11 and C12
C3, C4, C5, C6, C7, C8, C9, C10	8	1uF	CAP CER 1UF 25V X7R 1206	CC1206KKX7R8BB105	https://www.digikey.com/en/products/detail/yageo/CC1206KKX7R8BB105/2103094	
C11, C12	2	100uF	C_Polarized_Small_US			Alternate footprints: Only need C1 and C2 OR C11 and C12
D00A1–D31H2	512		LED RED DIFFUSED T-1 3/4 T/H	SSL-LX5093SID	https://www.digikey.com/en/pro	Suggest spectral center > 635nm (not HER)
J1	1		2.54mm pin header 2x06 right angle MALE			Need only 1 of J1 per 2 boards
J2	1		2.54mm pin header 2x06 right angle FEMALE			Need only 1 of J2 per 2 boards
J3	1		2,54mm pin hjeader 2x40 FEMALE			Socket for Rpi: need only 1 per set of 2 boards
J4, J5	2		Screw_Terminal_01x02 5.08mm			Need only 1 per board
R1-R64	64	R33	RES SMD 33 OHM 5% 1/10W 0603	CRCW060333R0JNEB	https://www.digikey.com/en/products/detail/vishay-dale/CRCW060333R0JNEB/5072151	
U1, U2	2	HT1632C-52LQFP	Holtek HT1632C LED Driver			
RPI	1		Raspberry Pi Zero W	SC0510	https://www.digikey.com/en/pro	Need only 1 per set of 2 boards