



Comment	Description	Designator	Footprint	LibRef	Quantity
2.2uF	Capacitor	C1, C2, C3, C9, C10, C11	C0201	Cap	6
1uF	Capacitor	C4, C6	C0201	Cap	2
100nF	Capacitor	C5, C8, C12, C13, C14, C15, C16, C18, C20	C0201	Cap	9
22nF	Capacitor	C7	C0201	Cap	1
15pF	Capacitor	C17, C19	C0201	Cap	2
WS2812B		L1	0807 RGB	WS2812B	1
waveshare_logo		logo1	WS_LOGO_(300MIL)	waveshare_logo	1
Header 23		P1	RP2040-Zero	Header 23	1
27R	Resistor	R1, R2	0201	Res1	2
1K	Resistor	R3, R4, R9	0201	Res1	3
10K	Resistor	R5	0201	Res1	1
450R	Resistor	R6, R7, R8	0201	Res1	3
NC	Resistor	R11, R12	R0402	Res1	2
RT9013-33		U1	SOT-23-5	RT9193-33	1
W25Q16JVSSIQ	W25Q32	U2	USON8	W25Q32	1
RP2040		U3	QFN56-0.4	RP2040	1
Header 10	Header, 10-Pin	U4	FPC-SMD_8P- P0.50_HDGC_0.5K-1.5- 8PWB	Header 10	1
12Mhz		X1	CRYSTAL-SMD_2520	XTAL4	1