











Comment	Description	Designator	Footprint	LibRef	Quantity
100nF	Capacitor	C1, C15, C17, C46	SMH_RES0805-STD	Cap	4
10nF	Capacitor	C3, C4	SMH_RES0805-STD	Cap	2
100nF	Capacitor (Semiconductor SIM Model)	C5	SMH_1608[0603]_STD		1
330pF	Capacitor	C7, C8, C9, C10, C11, C12, C13, C14, C16, C18, C19, C20, C21, C22, C23, C24, C25, C26, C47	SMH_RES0805-STD	Сар	19
Diode 1N4007	1 Amp General Purpose Rectifier	D1	SMH_SMA	Diode 1N4007	1
LL4148	1 Amp General Purpose Rectifier	D2, D3, D4	SMH_MINIMELF	Diode 1N4004	3
BAT54S		D80, D81	SMH_SOT-23	BAT54S	2
RGB 1210		LED1	SMH_LED_1210-RGB	LED RGB	1
Header 2	Header, 2-Pin	N4, N5	SMH_HDR1X2	Header 2	2
USB Type C	USB Type C	P1	SMH_USB_C	USB Type C	1
10R	Resistor	R1, R53	SMH_RES0805-STD	Res2	2
1K	Resistor	R2, R3, R61	SMH_RES0805-STD	Res1, Res2	3
330R	Resistor	R4, R5, R6	SMH_1206STD	Res1	3
10K	Resistor	R7, R9, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26	SMH_RES0805-STD	Res2	18
NM	Resistor	R54, R60	SMH_RES0805-STD	Res2	2
100K	Resistor	R80, R81	SMH_RES0805-STD	Res1	2
SW-PB	Switch	\$9, \$10, \$11, \$12, \$16, \$17, \$18, \$19, \$20, \$23, \$24, \$25, \$26, \$27, \$34	SMH_MX_Series_18m m	SW-PB	15
SW-PB	Switch	S33, S36	SMH_MX_SERIES- 37MM	SW-PB	2
SW-PB	Switch	S37	SMH_MX_Series- 42mm	SW-PB	1
LM1117MP-3.3	800mA Low-Dropout Linear Regulator, 4- pin SOT-223	U1	SMH_SOT223	LM1117MP-3.3	1
Raspberry Pi PICO		U2	SMH_PicoPi	PICO Pi	1