



Bill of Materials

ATouch

Source Data From: ATouch.PrjPCB
Project: ATouch.PrjPCB
Variant: None

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Footprint	Comment	LibRef	Designator	Description	Quantity
MINI_ANT	PCB_ANT	PCB_ANT	ANT1	PCB_ANT	1
CAP_0603	C0603	Cap_0603	C1, C2, C3, C4, C5, C6, C7, C8, C9, C11, C13, C14, C15, C16, C18, C19, C23, C25, C27, C28, C29, C30, C31	Capacitor	23
CAP_0805	C0805	Cap_0805	C10, C12, C17, C22, C24, C26	Capacitor	6
CAP_TAN_A	C1206	Cap_Tan_1206	C20, C21	Capacitor Tantalum	2
1206					
USB_Micro-AB	MicroUSB	USB_Micro	CON1	USB	1
SOD-323	1N5819	Diode_SOD323	D1	Diode	1
LED_0603_RED	red	LED_0603	D2	LED	1
LED_0603_GREEN	green	LED_0603	D3, D4, D5	LED	3
LED_0603_BLUE	blue	LED_0603	D6	LED	1
ButtonTACT_3x6x2.5_180	#NAME?	ButtonTACT_3x6x2.5_180	K1, K2, K3	Button	3
IND_0603	H0603	Ind_0603	L1, L2	Inductor	2
HDR1x4_2.54_180	HDR1x4_2.54	HDR1x4_2.54	P1	Header	1
SOT-23(SOT-23-3)	SS8050 Y1	SOT-23 SS8050 Y1	Q1, Q2	三极管	2
RES_0603	R0603	Res_0603	R1, R2, R3, R5, R6, R7, R8, R11, R12, R13, R14, R15, R16, R17, R18, R19	Resistor	16
RES_0805	R0805	Res_0805	R4, R9, R10	Resistor	3
SOIC08	W25Q32	W25Q32	U1	W25Q32	1
SSOP24	CH374U	CH374U	U2	CH374U	1
3225	40MHz 10ppm	OSC	U3, U4	OSC	2
ESP32_QFN48_6x6	ESP32-D0WDQ6	ESP32-D0WDQ6	U5	ESP32-D0WDQ6	1
SOT223-3	TLV1117	TLV1117	U6	Power	1
QFN28	CP2102	CP2102	U7	CP2102	1
TYPEC	TYPEC	TYPEC	U8	TYPEC	1
USB_TypeA	USB_TypeA	USB_TypeA	USB1, USB2, USB3	USB	3
					77

Approved	Notes