



Bill of Materials

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

Creation Date: 2019/4/1 21:17:45
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Footprint	Comment	LibRef	Designator	Description	Quantity
ANT_TH	TP	TP	ANT1		1
0603C	0.1uF/16V	Cap	C1, C3, C4, C14, C16, C17, C19, C22, C23	Capacitor	9
0603C	2.2uF/6.3V	Cap	C2	Capacitor	1
0603C	0.01uF/16V	Cap	C5	Capacitor	1
0805C	22uF/16V	Cap, Cap2	C6, C20, C21, C34	Capacitor	4
0603C	10PF/16V	Cap	C7, C8, C9, C10, C11, C12, C13	Capacitor	7
0603C	10uF/16V	Cap	C15, C18, C25	Capacitor	3
0603C	0.10uF/16V	Cap	C24	Capacitor	1
0603C	0.1uF/10V	Cap	C54, C55	Capacitor	2
0603C	10uF/10V	Cap	C56, C57	Capacitor	2
LED_DIP_25	LED0	LED0	D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, L5, L6, L7, L8, L9, L10, L11, L12, L13	Typical INFRARED GaAs LED	19
7mm					
SMA	SMA6.5CA	D Schottky	D11	Schottky Diode	1
0805R	500mA	Fuse 1	F1	Fuse	1
TOUCHU_PAD	TP	TOUCH_PAD	J1, J2, J3, J4, J5, J6, J7	TEST_3P	7
D					
LED_DIP_5mm	LED0	LED0	K1, K2, K3, K4, K5, K6, K7, L1, L2, L3, L4	Typical INFRARED GaAs LED	11
5					
BUFFER_090	Buzzer	Buzzer	LS1	Magnetic Transducer Buzzer	1
HDR1X4	Header 4	Header 4	P1	Header, 4-Pin	1
4-2.5MM-W	Header 4	Header 4	P2, P4	Header, 4-Pin	2
2-2.5MM-W	Header 2	Header 2	P3, P5	Header, 2-Pin	2
3-2.5MM-W	Header 3	Header 3	P6	Header, 3-Pin	1
5-2.5MM-W	Header 5	Header 5	P7	Header, 5-Pin	1
VS1838B	VS1838B	Header 3	P8	Header, 3-Pin	1
SOT23-3	SI2306	BUK92150-55A	Q1, Q4, Q6, Q7, Q8	BUK92150-55A	5
SOT23-3	SI2306	BUK92150-55A	Q2, Q3	BUK92150-55A	2
tot23-3	S8050	NPN	Q5	NPN Bipolar Transistor	1
0603R	1.5K	Res1	R1, R2, R4, R5, R6, R7, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R20, R21, R25, R27, R28, R29, R30, R31, R32, R35, R36, R37, R45, R46	Resistor	30
0603R	10K	R, Res1, Res2	R3, R19, R22, R26, R33	R, Resistor	5
0603R	100K	Res1	R8, R40, R42, R44	Resistor	4
0603R	1K	Res1	R23	Resistor	1
0603R	4.7K	Res1	R24, R38, R47, R48	Resistor	4
0603R	100	R, Res1	R34, R39, R41, R43	R, Resistor	4
DISPLAY_0	SEG_4_0.36	SEG_4_0.36	S1, S2		2
36INCH_4					
SOP127P104	TM1629A	TM1629A	U1		1
0X265-32N					
SOP127P104	TM1648A	TM1648A	U2		1
0X265-32N					
QFP80P900X	STM8S003K3T6	STM8S003K3T6	U3		1
900X245-32NC		C			
HW3000	HW3000	HW3000	U4		1
SOT23-5(DBV)	TLV70433DBVT	TPS76318	U31		1
					142

Approved	Notes