

BOM For Smart Wrist Watch By Rajesh Jat.

Item #	Quantity	Designator	Description	Footprint	Comment
1	9	C1, C3, C4, C5, C6, C8, C12, C14, C15	Capacitor	CAPC1608X90N	0u1
2	3	C2, C7, C9	Capacitor	CAPC1608X90N	10u
3	2	C10, C11	Capacitor	CAPC1608X90N	4u7
4	1	C13	Capacitor	CAPC1608X90N	1u
5	1	CN1	USB-MINI-typeB connector	0476420001	5075BMR-05-SM
6	1	DS1	Display	ENHOB000130IB	ENH-OB000130IB
7	1	IC1	Integrated Circuit	ESP32WROOM32D	ESP-WROOM-32_16MB_
8	1	IC2	Integrated Circuit	SOIC127P600X175-8N	MCP7940MT-I_SN
9	1	IC3	Integrated Circuit	LP0003A	LM35DZ_NOPB
10	1	IC4	Integrated Circuit	LGA(3X3X1.0-16L)	LIS3DSHTR
11	1	IC5	Integrated Circuit	SOT95P270X145-5N	MCP73832T-2ACL_OT
12	1	IC6	Integrated Circuit	QFN50P400X400X80-25N-D	CP2102N-A02-GQFN24
13	1	J1	Connector	SHDR3W50P0X150_1X3_600X600X370P	S3B-EH_LF_SN_
14	1	J2	Connector	S2B-ZR	S2B-EH_LF_SN_
15	1	J3		Thumbwheel Button	
16	1	LED1	LED	150066M153000	150066M153000
17	1	LS1	Loudspeaker or Buzzer	KMTG16031	KMTG1603-1
18	1	PS1	Power Supply	SOT94P279X130-5N	RT9013-33GB
19	2	R1, R2	Resistor	RESC1608X50N	470
20	1	R3	Resistor	RESC1608X50N	0
21	13	R4, R5, R6, R7, R8, R9, R10, R11, R13, R14, R15, R16, R17	Resistor	RESC1608X50N	4k7
22	1	R12	Resistor	RESC1608X50N	100k
23	3	S1, S2, S3	Switch	EVQP7J01P	EVQP7J01P
24	1	S4	Switch	18252321	1825232-1
25	1	Y1	Crystal or Oscillator	CMR200T32768KDZYUT	CMR200T32.768KDZY-UT