

A

B

C

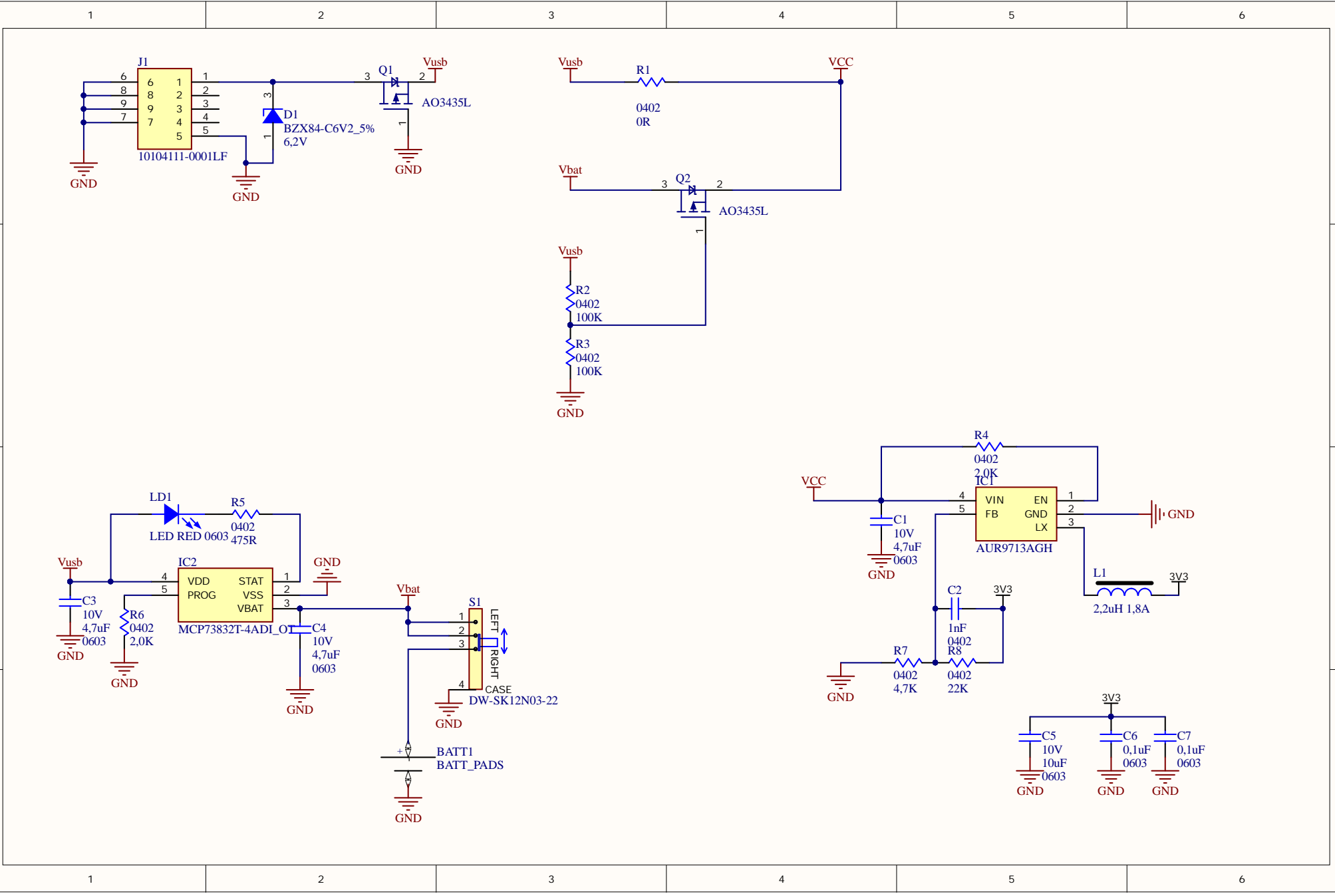
D

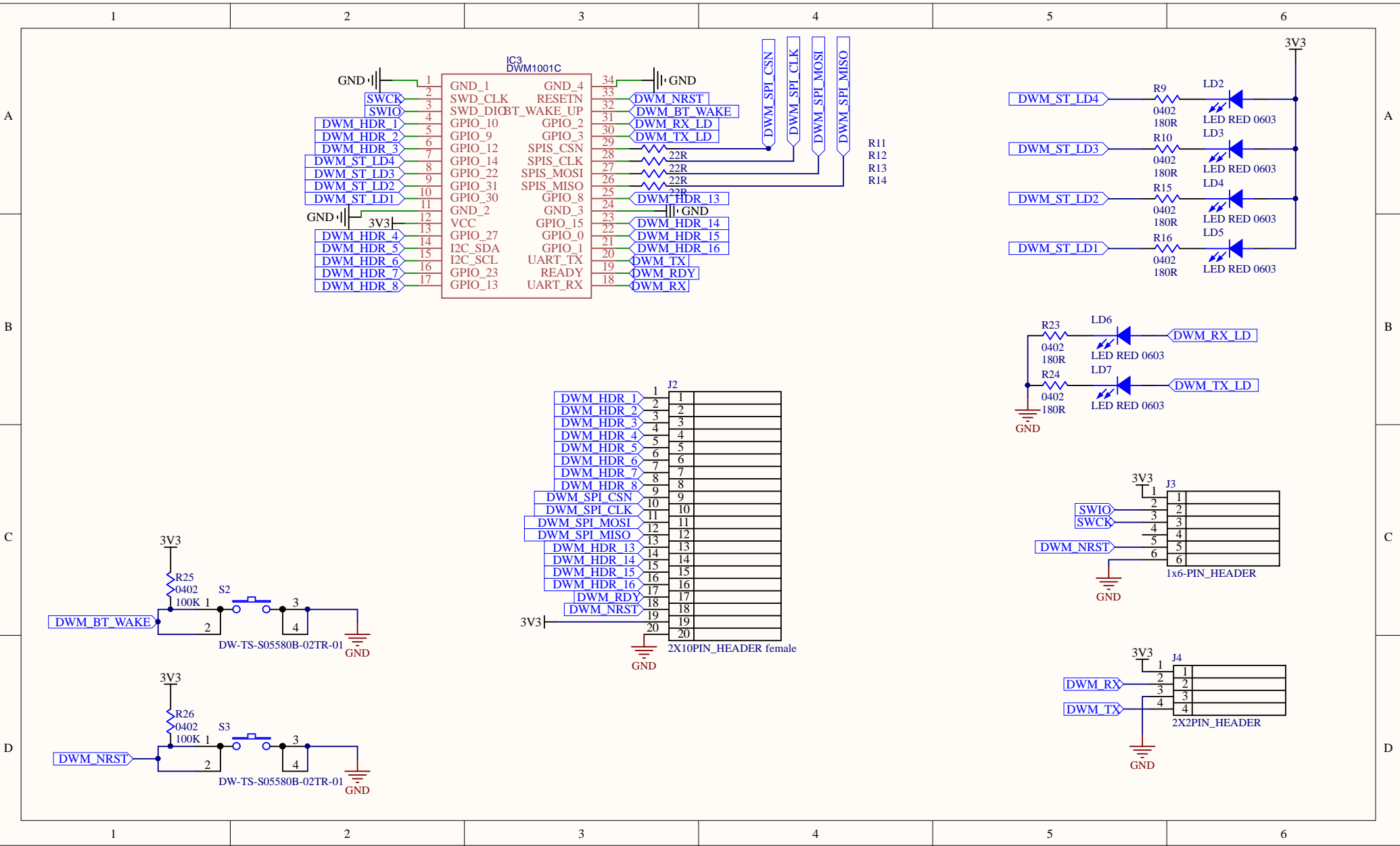
A

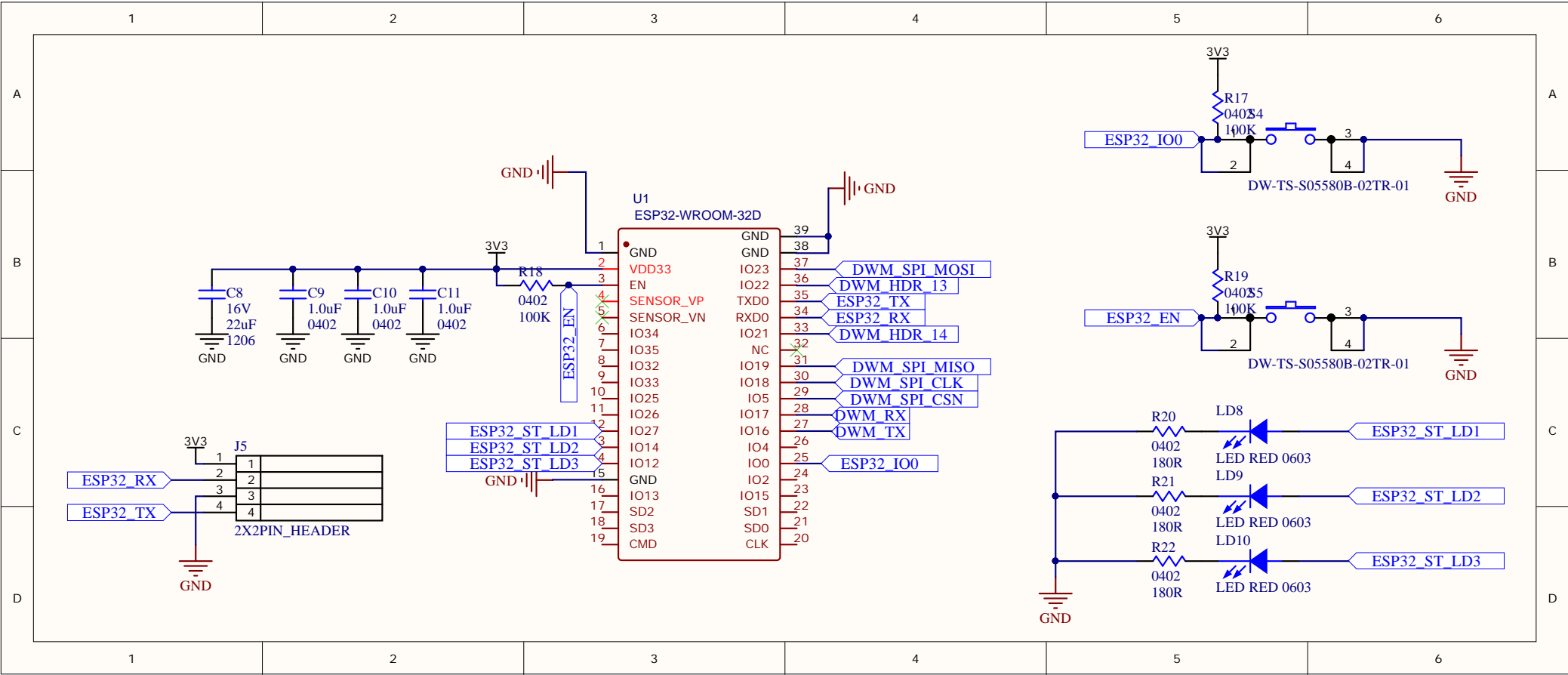
B

C

D







Comment	Description	Designator	Footprint	LibRef	Quantity
BATT_PADS		BATT1	BATT_PADS	BATT_PADS	1
a-Cap_4.7uF	Capacitor 4.7uF 10% 10V X5R 0603	C1, C3, C4	0603	a-Cap_4.7uF	3
b-Cap_1nF	Capacitor 1nF, X7R, 50V, 10%, 0402	C2	0402	b-Cap_1nF	1
a-Cap_10uF_1	Capacitor 10uF 20% 10V X5R 0603	C5	0603	a-Cap_10uF_1	1
a-Cap_0.1uF	Capacitor 0.1uF, 16V, X7R, 10%, 0603	C6, C7	0603	a-Cap_0.1uF	2
a-Cap_22uF_16V	Capacitor 22uF, 16V, X5R, 20%, RoHS C, 1206	C8	1206 - 1.6mm_high	a-Cap_22uF_16V	1
a-Cap_1.0uF	Capacitor 1.0uF, +/-10%, 6.3V, X5R, RoHS C, 0402	C9, C10, C11	0402	a-Cap_1.0uF	3
BZX84-C6V2_5%	Zener Diode 6.2V, SOT23_5%	D1	SOT23-A	BZX84-C6V2_5%	1
AUR9713AGH	Integrated Circuit	IC1	SOT95P280X100- 5N	AUR9713AGH	1
MCP73832T- 4ADI_OT	Integrated Circuit	IC2	SOT95P270X145- 5N	MCP73832T- 4ADI_OT	1
DWM1001C		IC3	DWM1001_FOFTP RINT	DWM1001C	1
10104111-0001LF	Connector	J1	101041110001LF	10104111-0001LF	1
2X10PIN_HEADER female	2X10PIN- HEADER_2.54mm female straight	J2	HEADER2x10- 2_54MM_FEMALE	2X10PIN_HEADER_ female_straight_2P 54	1
1x6-PIN_HEADER	1X6PIN- HEADER_2.54mm	J3	HEADER1x6- 2_54MM	1X6PIN-HEADER	1
2X2PIN_HEADER	2X2PIN- HEADER_2.54mm	J4, J5	HEADER2x2- 2_54MM	2X2PIN-HEADER	2
BCMPC252012A- 2R2M	Inductor 2.2uH 1.8A 110mOhm 2.5x2x1.2mm SMD	L1	252012	BCMPC252012A- 2R2M	1
LED RED 0603	0603 Ultra Bright Red Led, 54mcd	LD1, LD2, LD3, LD4, LD5, LD6, LD7, LD8, LD9, LD10	0603LED_RED	LED_0603_R	10
AO3435L	P_Channel Mosfet 20V 3.5A, 70mOhm SOT-23	Q1, Q2	SOT23-3	AO3435L	2
R_0402_0	Resistor 0R, 5%, 1/16W, 0402	R1	R0402	R_0402_0	1
R_0402_100000	Resistor 100K, 1%, 1/16W, 0402	R2, R3, R17, R18, R19, R25, R26	R0402	R_0402_100000	7
R_0402_2000	Resistor 2K, 1%, 1/10W, 0402	R4, R6	R0402	R_0402_2000	2
R_0402_475	Resistor 475R, 1%, 1/16W, 0402	R5	R0402	R_0402_475	1
R_0402_4700	Resistor 4.7K, 1%, 1/16W, 0402	R7	R0402	R_0402_4700	1
R_0402_22000	Resistor 22K, 1%, 1/16W, 0402	R8	R0402	R_0402_22000	1
R_0402_180	Resistor 180R, 1%, 1/16W, 0402	R9, R10, R15, R16, R20, R21, R22, R23, R24	R0402	R_0402_180	9
R_0402_22	Resistor 22R, 1%, 1/16W, 0402	R11, R12, R13, R14	R0402	R_0402_22	4
DW-SK12N03-22	Slide switch Horisontal R/A SMD actuator 1.5mmm	S1	DW-SK12N03-22	DW-SK12N03-22	1
DW-TS-S05580B- 02TR-01	Vertical SMT tact switch SMD 1.6mm high	S2, S3, S4, S5	TACTSW- DWS05580L	DW-TS-S05580B- 02TR-01	4
ESP32-WROOM- 32D		U1	ESP32S_W	ESP32-WROOM- 32D	1