

Bill of Materials Open Drop V2						
Reference		Description	Supplier	Type	Order No	
1	U2, U4	HV507	HV507 Dirver, PQFP-80_14x20mm_Pitch0.8mm	AliExpress		
6	LED2, LED3, LED4, LED5, LED6 LED7	LED	LED_SIDE	reichelt		LW Y8SG / LB Y8SG
1	LED1	LED	LEDs:LED-0805 green	reichelt		SMD-LED 0805 GN
1	LED8	LED	LEDs:LED-0805 yellow	reichelt		SMD-LED 0805 GE
1	U1	MAX1771ESA	SMD_Packages:SOIC-8-N	farnell	MAX1771ESA+	1379870
1	T1	IRF	840S	reichelt		IRF 840S
1	D1	ES2F	Diodes_SMD:DO-214AB	farnell	ES2G	2306320
1	C4	4u7		farnell	EEVEB2W4R7SQ	2326355
1	R2	1M5	Resistors_SMD:R_2512	farnell	RC2512JK-071M5L	9236058
1	C5	10uF		farnell	TPSC106K025R0500	9302948
1	L1	100uH	Inductor_18.54x15.24	farnell	B82479A1104M	3877693
1	C1	100uF		farnell	TPSE107K016R0100 ?	1462445
2	C2, C3	100nF	Capacitors_SMD:C_0805	stock		
1	C6	100nF		farnell	ECWU2104KC9	1198358
1	RSENSE1	0R050	Resistors_SMD:R_2010	farnell	LR2010-R05FW	1100050
3	D2, D3, D4	D_Small	Diodes_SMD:SOD-323, 1N4148	reichelt		1N 4148 WS
3	Q1, Q2, Q3	BSS138	TO_SOT_Packages_SMD:SOT-23	reichelt		BSS 138 SMD
1	R1	8k	Resistors_SMD:R_0805	stock		
1	R3	390k	Resistors_SMD:R_0805	stock		
7	R8, R9, R10, R11, R12 R13, R14	10k	Resistors_SMD:R_0805	stock		
4	R7, R15, R16, R17	100 Ohm	Resistor_0805_HeatPad	stock		
1	R5	10 Ohm	Resistors_SMD:R_0805	stock		
2	R4, R6	390	Resistors_SMD:R_0805	stock		
2	C7, C9	1uF	Capacitors_SMD:C_0805	reichelt		X7R-G0805 1,0/25
2	C8, C10	2.2uF	Capacitors_SMD:C_0805	reichelt		X7R-G0805 2,2/25
3	C11, C12, C13	100nF	Capacitors_SMD:C_0805	stock		
1	SP1	SPEAKER	SMD_PA12_Piezzo	reichelt		SMD-P12A03
1	POT1	POT	Potentiometer_Trimmer-Suntan-TSR-3386P, 5k Ohm	reichelt		76-10 5,0K
2		Arduino Connector	Buchsenleiste SMD	farnell		1256661
1	S1	OLED_Connetor	OLED_096_1 Connector	farnell		1356579
1	S1	OLED_DISPLAY	OLED_096_1	R2		
1	U3	ARDUINO_MICRO	ARDUINO_MICRO_SMD	reichelt		
1	U5	ESP8266_SMD	ESP8266_SMD	ebay		
4	SW1,SW2, SW3, SW4	SW_PUSH	Buttons_Switches_SMD:SW_SPST_PTS645	reichelt		TASTER 9314
1	SW5	SPST	Switch_On-On	reichelt		SS 25136 NH
1	J1	DC_JACK	DC_JACK_SMD	reichelt		LUM 1613-14
4		Distanzhülsen		reichelt		DI 18MM

Sheet1

1	PCB					
1	Acrylic Base					

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