

Weather IoT

Klinkon Electronics & Floppy Lab

Rev: 1.0

2024-02-07



Sour ced	Plac ed	References	Value	Footprint	LCSC	Quantity	
1	<input type="checkbox"/>	<input type="checkbox"/>	C6, C7, C20, C23, C24, C25, C26, C27, C28	100n	C_0603_1608Metric	C282519	9
2	<input type="checkbox"/>	<input type="checkbox"/>	C2, C9, C13, C16, C18, C19	10u	C_0603_1608Metric	C96446	6
3	<input type="checkbox"/>	<input type="checkbox"/>	C3, C10, C11, C14, C17	22u	C_0603_1608Metric	C86295	5
4	<input type="checkbox"/>	<input type="checkbox"/>	C1, C4, C5	4.7u	C_0603_1608Metric	C307467	3
5	<input type="checkbox"/>	<input type="checkbox"/>	C21, C22	1uF	C_0603_1608Metric	C1592	2
6	<input type="checkbox"/>	<input type="checkbox"/>	C8	120p	C_0603_1608Metric	C282671	1
7	<input type="checkbox"/>	<input type="checkbox"/>	C12	22n	C_0603_1608Metric	C21122	1
8	<input type="checkbox"/>	<input type="checkbox"/>	C15	100p	C_0603_1608Metric	C525236	1
9	<input type="checkbox"/>	<input type="checkbox"/>	R2, R3, R7, R8, R12, R14, R15, R16, R17, R20, R21	1k	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	C3016283	11
10	<input type="checkbox"/>	<input type="checkbox"/>	R1, R4	100k	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	C3016388	2
11	<input type="checkbox"/>	<input type="checkbox"/>	R9, R10	1M	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	C3016422	2
12	<input type="checkbox"/>	<input type="checkbox"/>	R19, R22	10k	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	C103199	2
13	<input type="checkbox"/>	<input type="checkbox"/>	R5	22k	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	C2907128	1
14	<input type="checkbox"/>	<input type="checkbox"/>	R6	30k	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	C2907025	1
15	<input type="checkbox"/>	<input type="checkbox"/>	R11	33k	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	C2907028	1
16	<input type="checkbox"/>	<input type="checkbox"/>	R18	4.7k	R_0603_1608Metric_Pad0.98x0.95mm_HandSolder	C2907034	1
17	<input type="checkbox"/>	<input type="checkbox"/>	L1	2.2u	L_Chilisin_BMRA00040420	C167206	1
18	<input type="checkbox"/>	<input type="checkbox"/>	L2	1uH	L_Taiyo-Yuden_NR-24xx	C222841	1
19	<input type="checkbox"/>	<input type="checkbox"/>	D1, D8	SS34	D_SMA	C8678	2
20	<input type="checkbox"/>	<input type="checkbox"/>	D2, D3	SM4007PL	D_SOD-123F	C3008060	2
21	<input type="checkbox"/>	<input type="checkbox"/>	D12, D13	CUS10S30	D_SOD-323_HandSoldering	C146335	2
22	<input type="checkbox"/>	<input type="checkbox"/>	D4	USB-CHRG	LED_0805_2012Metric	C965812	1
23	<input type="checkbox"/>	<input type="checkbox"/>	D5	USB-DONE	LED_0805_2012Metric	C965815	1
24	<input type="checkbox"/>	<input type="checkbox"/>	D6	PWR_5V	LED_0805_2012Metric	C965812	1
25	<input type="checkbox"/>	<input type="checkbox"/>	D7	PWR_3V3	LED_0805_2012Metric	C965812	1
26	<input type="checkbox"/>	<input type="checkbox"/>	D9	RX	LED_0805_2012Metric	C965813	1
27	<input type="checkbox"/>	<input type="checkbox"/>	D10	TX	LED_0805_2012Metric	C965813	1
28	<input type="checkbox"/>	<input type="checkbox"/>	D11	DT1042-0450-7	DT1042-0450-7	C460064	1
29	<input type="checkbox"/>	<input type="checkbox"/>	U1	TPS62A01A	SOT-563	C5181455	1
30	<input type="checkbox"/>	<input type="checkbox"/>	U2	TP4056	HTSOP-8-1EP_3.9x4.9mm_P1.27mm_EP2.4x3.2mm_ThermalVias	C382139	1
31	<input type="checkbox"/>	<input type="checkbox"/>	U3	MAX25239AFFA_VY+	MAX25239AFFA_VY+		1
32	<input type="checkbox"/>	<input type="checkbox"/>	U4	Wemos_esp32_mini	ESP32_mini		1

