

IoTaWatt V5.0 BOM

Part	Wert		
C1	10uF	C0805	C0805C106K8PACTU
C2	10uF	C0805	C0805C106K8PACTU
C3	0.1uF	C0805	C0805C104J8RACTU
C4	0.1uF	C0805	C0805C104J8RACTU
C5	0.1uF	C0805	C0805C104J8RACTU
C6	0.1uF	C0805	C0805C104J8RACTU
C7	10uF	C0805	C0805C106K8PACTU
J\$20	MicroSD_Push/Pull		114-00841-68
J00	DCJack_SMT		LUM 1613-14 (reichelt.de)
J01	Stereo_SMT		SJ-3524-SMT-TR
J02	Stereo_SMT		SJ-3524-SMT-TR
J03	Stereo_SMT		SJ-3524-SMT-TR
J04	Stereo_SMT		SJ-3524-SMT-TR
J05	Stereo_SMT		SJ-3524-SMT-TR
J06	Stereo_SMT		SJ-3524-SMT-TR
J07	Stereo_SMT		SJ-3524-SMT-TR
J08	Stereo_SMT		SJ-3524-SMT-TR
J09	Stereo_SMT		SJ-3524-SMT-TR
J10	Stereo_SMT		SJ-3524-SMT-TR
J11	Stereo_SMT		SJ-3524-SMT-TR
J12	Stereo_SMT		SJ-3524-SMT-TR
J13	Stereo_SMT		SJ-3524-SMT-TR
J14	Stereo_SMT		SJ-3524-SMT-TR
J15	DCJack_SMT		LUM 1613-14 (reichelt.de)
J16	DCJack_SMT		LUM 1613-14 (reichelt.de)
R01	4,7kOhm Widerstand 0805	R0805	ERJ-PB6B4701V
R02	4,7kOhm Widerstand 0805	R0805	ERJ-PB6B4701V
R03	1kOhm Widerstand 0805	R0805	ERJ-PB6B1001V
R04	220Ohm Widerstand 0805	R0805	ERJ-PB6B2200V
R05	1kOhm Widerstand 0805	R0805	ERJ-PB6B1001V
R06	12kOhm Widerstand 0805	R0805	ERJ-PB6B1202V
R07	1kOhm Widerstand 0805	R0805	ERJ-PB6B1001V
R08	20Ohm Widerstand 0805	R0805	A110380CT-ND
R09	12kOhm Widerstand 0805	R0805	ERJ-PB6B1202V
R10	None	R0805	
R11	None	R0805	
R12	20Ohm Widerstand 0805	R0805	A110380CT-ND
R16	20Ohm Widerstand 0805	R0805	A110380CT-ND
R20	20Ohm Widerstand 0805	R0805	A110380CT-ND
R24	20Ohm Widerstand 0805	R0805	A110380CT-ND
R28	20Ohm Widerstand 0805	R0805	A110380CT-ND
R29	1kOhm Widerstand 0805	R0805	ERJ-PB6B1001V

R31	1kOhm Widerstand 0805	R0805	ERJ-PB6B2200V
R32	12kOhm Widerstand 0805	R0805	ERJ-PB6B1202V
R36	200Ohm Widerstand 0805	R0805	A110380CT-ND
R40	200Ohm Widerstand 0805	R0805	A110380CT-ND
R44	200Ohm Widerstand 0805	R0805	A110380CT-ND
R48	200Ohm Widerstand 0805	R0805	A110380CT-ND
R52	200Ohm Widerstand 0805	R0805	A110380CT-ND
R56	200Ohm Widerstand 0805	R0805	A110380CT-ND
R57	200Ohm Widerstand 0805	R0805	A110380CT-ND
R58	200Ohm Widerstand 0805	R0805	A110380CT-ND
U\$1	MCP3208	SOIC_16	MCP3208-CI/SL
U\$16	NodeMCU		NodeMCU ESP8266 ESP-12E V1.0 (ebay)
U\$17	TVS_4Chan_Array	SC-74	D5V0P4UR6SO-7
U\$18	CR1220SMD		BC501SM
U\$19	TVS_4Chan_Array		D5V0P4UR6SO-7
U\$2	MCP3208	SOIC_16	MCP3208-CI/SL
U\$20	TVS_4Chan_Array		D5V0P4UR6SO-7
U\$21	TVS_4Chan_Array		D5V0P4UR6SO-7
U\$22	LM358_Dual_OP-AMP	SOIC_8	LM358ADRG4
U\$23	LED_RT_TRH		SSF-LXH103HGW
U\$3	VRefShunt	SOT23_3	TL4050B25IDBZR
U\$4	PCF8523_RTC	SOIC_8	PCF8523T/1,118
U\$5	Header 1x4		
Y1	32kHz	Crystal 8x3.8	ABS25-32.000KHZ-T
Battery			CR 1220 GP (Reichelt.de)
DC-Plug			HS 21-9 (Reichelt.de)