

Parts	Qty	Don't Put Opt	Value
C1, C3, C12, C17, C18, C20, C22, C23, C25, C26	10		100n
C30, C32, C33	12	X	
C4, C14, C19, C21	4		1000p
C5	1		3.3u
C6	1		22n
C7, C11	2		1u
C8	1		100p
C13, C16	2		10n
C27, C29	2		4.7u
C2	1		1u
C24	1		100n
C9, C31	2		100u
C10, C28	2		10u
C15	1		33u
D1, D2	2		1N4148
D3	1		Red LED
Q1	1		CJ2305
R1, R14	2		0
R2	1		1.3M
R3, R5, R8, R11, R12	5		15M
R4	1		68.1k
R6	1		6.81k
R7	1		1.5M
R9, R18, R19	3		56k
R10	1		619k
R13, R21	2	X	1M
R15, R16	2		4k7
R22	1		1k5
R17	1		10k
U1, U3	2		TLV3691IDCKR
U2	1		TSU102IST
U4	1		ATMEGA328P-AU
U5	1		SI7021-A20-GM1
U6	1		OPT3001DNPR
U7	1		AT25DF512C-MAHN-T
U8	1		ATSHA204A-STUCZ-T
U9	1		RFM69CW
RESET	1		1101NE
PIR	1		LHI968
X1	1		8 MHz
COIN HOLDER	1		
JP2	1		

**Notes about optional parts:**

- Some capa are optional. Footprints is there. For stability or more buffer.

- Resistors are for optional Reedswitch and optional Lux sensor Thresholds. Solder them if needed only or power consumption can increase

Package	Description	MPN
0603	Capacitor	
0603	Capacitor	
0603	Capacitor	
0603	Capacitor	
0603	Capacitor	
0603	Capacitor	
0603	Capacitor	
0603	Capacitor	
0805	Capacitor	
0805	Capacitor	
0805	Capacitor	
0805	Capacitor	
0805	Capacitor	
SOD-123	Diode	
0805	LED	
SOT23-3	P-Channel MOSFET	
0603	Resistor	
0603	Resistor	
0603	Resistor	
0603	Resistor	
0603	Resistor	
0603	Resistor	
0603	Resistor	
0603	Resistor	
0603	Resistor	
0603	Resistor	
0805	Resistor	
SC70-5	Comparator	595-TLV3691IDCKR
MINI_SO8	Dual Opamp	<a href="#">511-TSU102IST</a>
TQFP32	Atmel 8bit 328P TQFP32	
DFN6	Temp/Hum sensor	634-SI7021-A20-GM1
OPT3001DNP	Lux sensor	595-OPT3001DNPR
AT25DF512C_MAHNT	SPI Flash	988-AT25DF512CMAHN-T
SOT23-3	Signing IC	566-ATSHA204ASTUCZ-T
RFM69CW	Hoperf radio	
	Tactile Switch 1101NE	
TO5	PIR sensor	
RESONATOR-SMD	Resonator	
Coincell Holder	CR2032/2450 footprints	
1X06	Pinheader	