

Reference	Value	Footprint
U3	DS1337S_	Library:DS1337S
U4	ATMEGA328P-AU	ATMEGA328P-AU (1):QFP80P900X900X120-32N
U1,U2	24LC1025	Package_SO:SOIC-8_5.3x5.3mm_P1.27mm
BT1	Battery	Connector_PinHeader_2.54mm:PinHeader_1x02_P2.54mm_Vertical
C1	0.1uF	Capacitor_SMD:C_0805_2012Metric
C2	22pF	Capacitor_SMD:C_0805_2012Metric
C3	22pF	Capacitor_SMD:C_0805_2012Metric
C4	0.1uF	Capacitor_SMD:C_0805_2012Metric
C5	100nF	Capacitor_SMD:C_0805_2012Metric
D1,D2	LED	LED_SMD:LED_0805_2012Metric
J1	Conn_01x04_Pin	Connector_PinHeader_2.54mm:PinHeader_1x04_P2.54mm_Vertical
J2	Conn_01x09_Pin	Connector_PinSocket_2.54mm:PinSocket_1x09_P2.54mm_Vertical
J3	Conn_01x04_Pin	Connector_PinHeader_2.54mm:PinHeader_1x04_P2.54mm_Vertical
J4	Conn_02x03_Odd_Even	Connector_PinHeader_2.54mm:PinHeader_2x03_P2.54mm_Vertical
R1,R2,R6	10K	Resistor_SMD:R_0805_2012Metric
R3,R4	4.7K	Resistor_SMD:R_0805_2012Metric
R5,R7	330	Resistor_SMD:R_0805_2012Metric
Y1	37.768KHz	Crystal:Crystal_SMD_5032-2Pin_5.0x3.2mm_HandSoldering
Y2	16MHz	Crystal:Crystal_SMD_5032-2Pin_5.0x3.2mm_HandSoldering
H1-H4	MountingHole	MountingHole:MountingHole_2.1mm