

Comment	Description	Designator	Footprint	LibRef	Quantity
Cap Pol1	Polarized Capacitor (Radial)	C1, C2, C15	CAPPR2.5-6.3x5	Cap Pol1	3
Cap Pol	Polarized Capacitor (Surface Mount)	C3	TC6032-2412	Cap Pol	1
Cap	Capacitor	C4, C8	RESC2012N	Cap	2
Cap	Capacitor	C5, C6, C9, C13, C14	CAPC2012W	Cap	5
Cap Pol	Polarized Capacitor (Surface Mount)	C7	C	Cap Pol	1
Cap	Capacitor	C10	CAPC2012N	Cap	1
Cap	Capacitor	C11, C12	CAPC1608N	Cap	2
3V6	Zener Diode	D1, D2, D4	DIO6.35-3.1x1.6	D Zener	3
2V7	Zener Diode	D3	DIO6.35-3.1x1.6	D Zener	1
Diode	Default Diode	D7	MELF-D5023-2009	Diode	1
J3	Jumper 1:2	J1, J2, J3	J3_SMT_60	J3	3
USB B HEADER	Connector, USB B Type, Right Angle, Thru Hole, White	P1	HDR1X4	USB_B	1
LCD	Header, 16-Pin	P2	HDR2X8	Header 16	1
TMP1	Header, 3-Pin	P3	HDR1X3	Header 3	1
TMP2	Header, 3-Pin	P4	HDR1X3	Header 3	1
DHT11	Header, 4-Pin	P5	HDR1X4	Header 4	1
UART	Header, 4-Pin	P6	HDR1X4	Header 4	1
BMP085	Header, 6-Pin	P7	HDR1X6	Header 6	1
nRF24	Header, 4-Pin, Dual row	P9	HDR2X4	Header 4X2	1
REL1	Header, 2-Pin	P10	HDR1X2	Header 2	1
BC817-16	NPN General-purpose Transistor	Q1, Q2	SOT23_N	BC817-16	2
Resistor	Resistor	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R37, R38, R39, R40, R41	RESC2012W	Resistor	40
Resistor	Resistor	R36	AXIAL-0.3	Resistor	1
SW-PB	Switch	SW1, SW2, SW3, SW4	SW 1P4C 200x300mil	SW-PB	4
LM1117MP-3.3	800mA Low-Dropout Linear Regulator	U1	MP04A_M	LM1117MP-3.3	1
ATmega8-16AI	8-Bit AVR Microcontroller with 8K Bytes of In-System Programmable Flash Memory	U2	32A_N	ATmega8-16AI	1
LED		VD1, VD2	LED2.54x3	LED	2
12MHz	Crystal Oscillator	Y1	HC49U	XTAL	1