

Reference	Quantity	Value	Footprint
C1	1	100n	Capacitor_SMD:C_0805_2012Metric
C2	1	68p	Capacitor_SMD:C_0805_2012Metric
C3 C4	2	820u	Capacitor_THT:CP_Radial_D12.5mm_P5.00mm
C5	1	1.5n	Capacitor_SMD:C_0805_2012Metric
C6	1	10u	Capacitor_SMD:C_0805_2012Metric
C7	1	1n	Capacitor_SMD:C_0805_2012Metric
C8	1	10n	Capacitor_SMD:C_0805_2012Metric
D1 D2 D3 D4 D6	5	BAT42	Diode_THT:D_DO-35_SOD27_P7.62mm_Horizontal
D5	1	1N4001	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal
D7	1	1N4148	Diode_THT:D_DO-35_SOD27_P7.62mm_Horizontal
IC1	1	LM393N	Package_SO:SO-8_3.9x4.9mm_P1.27mm
J1	1	EMS-Bus	TerminalBlock:TerminalBlock_bornier-2_P5.08mm
J2	1	DS18B20	TerminalBlock:TerminalBlock_bornier-3_P5.08mm
J3	1	I2C	Connector_PinHeader_2.54mm:PinHeader_1x04_P2.54mm_Horizontal
J4	1	I2C-BMP180	Connector_PinSocket_2.54mm:PinSocket_1x04_P2.54mm_Vertical
JP1 JP3	2		Jumper:SolderJumper-2_P1.3mm_Open_RoundedPad1.0x1.5mm
JP2	1		Jumper:SolderJumper-2_P1.3mm_Bridged_RoundedPad1.0x1.5mm
L1 L2	2	4.7uH	Inductor_THT:L_Axial_L7.0mm_D3.3mm_P10.16mm_Horizontal_Fastron_MICC
R1 R7	2	10K	Resistor_SMD:R_0805_2012Metric
R10	1	100	Resistor_SMD:R_0805_2012Metric
R11	1	0	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
R12	1	4k7	Resistor_SMD:R_0805_2012Metric
R2 R4	2	330	Resistor_SMD:R_0805_2012Metric
R3	1	360	Resistor_SMD:R_0805_2012Metric
R5	1	47K	Resistor_SMD:R_0805_2012Metric
R8	1	100K	Resistor_SMD:R_0805_2012Metric
R9 R6	2	4K7	Resistor_SMD:R_0805_2012Metric
T1	1	BC847B	Package_TO_SOT_SMD:SOT-23
U1	1	DC-Buck_Converter_Chin01	MyPower:DC-DC-Buck-Konverter
U2	1	NodeMCU_1.0_(ESP-12E)	ESP:NodeMCU2.0Amica(12-E)