Designator	Quantity	Description	Manufacture Name	Part Number
C1, C2	2	1uF Ceramic Capacitor (0603)	Taiyo Yuden	LMK107B7105KA-T
C3 - C12	10	0.1uF Ceramic Capacitor (0603)	Samsung Electro-Mechanics	CL10B104KO8NNNC
D1, D2	2	Red LED (0603)	Lite-On	LTST-C193KRKT-5A
FB1, FB2	2	Ferrite (0805)	Murata Electronics	BLM21PG221SN1D
J1	1	8 Position Socket 0.100" (2.54mm) Through Hole	Sullins Connector Solutions	PPTC042LFBN-RC
J2	1	6 Position Socket 0.100" (2.54mm) Through Hole, Right Angle	Sullins Connector Solutions	PPPC061LGBN-RC
J3	1	10 Position Header 0.100" (2.54mm) Through Hole	Sullins Connector Solutions	PREC040SAAN-RC
J4, J6	2	8 Position Header 0.100" (2.54mm) Through Hole	Sullins Connector Solutions	PREC040SAAN-RC
J5	1	6 Position Header 0.100" (2.54mm) Through Hole	Sullins Connector Solutions	PREC040SAAN-RC
J7	1	6 Position Header 0.100" (2.54mm) Through Hole, Right Angle	Sullins Connector Solutions	PRPC040SBAN-M71RC
LCD1	1	LCD Display (20x2) with RGB LED Backlight	Newhaven Display Intl.	NHD-C0220BiZ-FS(RGB)-FBW-3VM
R2, R11, R13, R14	4	10Ω Resistor (0603)	Panasonic Electronic Comp.	ERJ-3EKF10R0V
R3, R7	2	1.5kΩ Resistor (0603)	Panasonic Electronic Comp.	ERJ-3EKF1501V
R4, R8	2	60.4Ω Resistor (0603)	Panasonic Electronic Comp.	ERJ-3EKF60R4V
R5, R6, R10, R15	4	10kΩ Resistor (0603)	Panasonic Electronic Comp.	ERJ-3EKF1002V
R16, R18	2	4.7kΩ Resistor (0603)	Panasonic Electronic Comp.	ERJ-3EKF4701V
R17, R19	2	5.11Ω Resistor (0603)	Yageo	RC0603FR-075R11L
RT1	1	PTC Fuse (1206)	Bourns	MF-NSMF012-2
SW1, SW2, SW3	3	Tactile Switch	C&K Components	KSR221GLFS
U1	1	SMBus/I²C Interfaced 4-Port, Level-Translating GPIOs & LED Drivers	Maxim Integrated	MAX7306AUB+
U2	1	4 Channel +/- 30kv ESD Protector	Maxim Integrated	MAX13204EALT+
U3	1	DeepCover Authenticator with ISO 15693, I²C, SHA-256, EEPROM	Maxim Integrated	MAX66242ISA-A+
U4	1	DeepCover SHA-256 Coprocessor and 1-Wire Master	Maxim Integrated	DS2465P+
U5	1	Ambient Light Sensor with ADC	Maxim Integrated	MAX44009EDT+
U6	1	Digital Thermometer and Thermostat	Maxim Integrated	DS7505U+
U7	1	DeepCover Secure Authenticator with 1-Wire, SHA-256, EEPROM	Maxim Integrated	DS28E15Q+U

Designator	Quantity	Description	Manufacture Name	Part Number
A1	1	MAXREFDES143 PCB	Maxim Integrated	EPCBREFDES143
A2	1	ESP8266 Wi-Fi Module	AI-Thinker	ESP-01