Part	Value	Device	Package / Footprint	Digikey Part #	Description
C1	10uF	10UF-25V-X5R-1206	1206	490-5525-1-ND	10.0µF ceramic capacitors
C2, C3, C7, C10	0.1uF	0.1UF-16V-X7R-0603	603	478-7621-2-ND	0.1 µF ceramic capacitors
C4, C5, C6, C8, C9	1uf	1UF-10V-X7R-0603	603	1276-1946-1-ND	1 µF ceramic capacitors
D1	GREEN	LED-GREEN1206	LED-1206	L62305CT-ND	Green SMD LED
D2, D3, D4, D5, D7, D8, D9	100V-1A	DIODE SCHOTTKY 100V 1A	SOD-323	641-1786-1-ND	Schottky diode
D6	LED-RGBNO_IC	LED-RGBNO_IC	LED-TRICOLOR-5050	[SP] COM-10866	LED-RGB
J1, J2, J3, J4, J5, J6, J7	CONN_025MM	CONN_025MM	SCREWTERMINAL-5MM-2	732-10955-ND	Multi connection point. Often used as Generic Header-pin footprint for 0.1 inch spaced/style header connections
J8, J9	QWIIC_CONNECTORJS-1MM	QWIIC_CONNECTORJS-1MM	1X04_1MM_RA	[SP] PRT-14417	SparkFun I2C Standard Qwiic Connector
JP1	JUMPER-SMT_2_NO_NO-SILK	JUMPER-SMT_2_NO_NO-SILK	SMT-JUMPER_2_NO_NO-SILK		Normally open jumper
K1	RELAY-SPDT-2-G5V	RELAY-SPDT-2-G5V	RELAY-G5V	Z773-ND	SPDT Relay w/ Two Common Terminals
LS1	BUZZER-SMD	CBT-09427-SMT-TR	BUZZER-CCV	102-3392-1-ND	Buzzer
Q1	500mA/300V	TRANS_NPN-MMBTA42	SOT23-3	MMBTA42FSCT-ND	NPN transistor
Q2	310mA/60V/1.6Ω	MOSFET-NCH-2N7002PW	SOT323	1727-4793-1-ND	N-channel MOSFETs
R1, R2, R3, R4, R11, R13	10k	10KOHM-0603-1/10W-1%	603	YAG2122CT-ND	10kΩ resistor
R5	300	300OHM-1%-1/8W-0603	603	749-1759-1-ND	300Ω resistor
R6	150	150OHM-0603-1/10W-1%	603	MCT0603-150-CFCT-ND	150Ω resistor
R7, R8	330	330OHM-0603-1/10W-5%	603	311-330DCT-ND	RES-09327
R9	100k		603		
R10, R12	1k	1KOHM-1%-1/10W-0603	603	YAG2125CT-ND	1kΩ resistor
R14	180	180OHM-5%-1/10W-0603	603	311-180GRCT-ND	RES-09327
S1	LogOut	MOMENTARY-SWITCH-SPST-2-SMD-5.2MM	TACTILE_SWITCH_SMD_5.2MM	[SP] COM-08720	Mini Pushbutton Switch - SMD
U1	SI8600	SI8600AC-B-ISR	S-08	SI8600AC-B-ISRCT-ND	DGTL ISO 3.75KV 2CH I2C 8SOIC
U2	LDO 3.3V 600MA	AP2112K-3.3TRG1	SOT25	AP2112K-3.3TRG1DICT-ND	IC REG LINEAR 3.3V 600MA SOT25
U3	ADCMP371	ADCMP371	SOT23-5	ADCMP371AKSZ-REEL7CT-ND	IC COMPARATOR PUSH-PULL SC70-5
U4	ID-12/20SMD	ID-12/20SMD	ID-12_SMD	[SP] SEN-11827	RFID Reader ID-12LA (125 kHz)
		NPPN051BFLD-RC	5 Position Header	S5902-05-ND	Connector 0.079" (2.00mm) Surface Mount Gold
		NPPN071BFLC-RC	7 Position Header	S5901-07-ND	CONN HDR 7POS 0.079 GOLD SMD
	RPI1	RASPBERRYPI_BPLUS_HATNOSLOTS	PI_HAT_NOSLOTS	[SP] DEV-14643	Raspberry Pi 3 B+
		Header - 2x20	Header - 2x20	[SP] PRT-14017	Raspberry Pi GPIO Tall Header - 2x20
				[SP] = SparkFun	