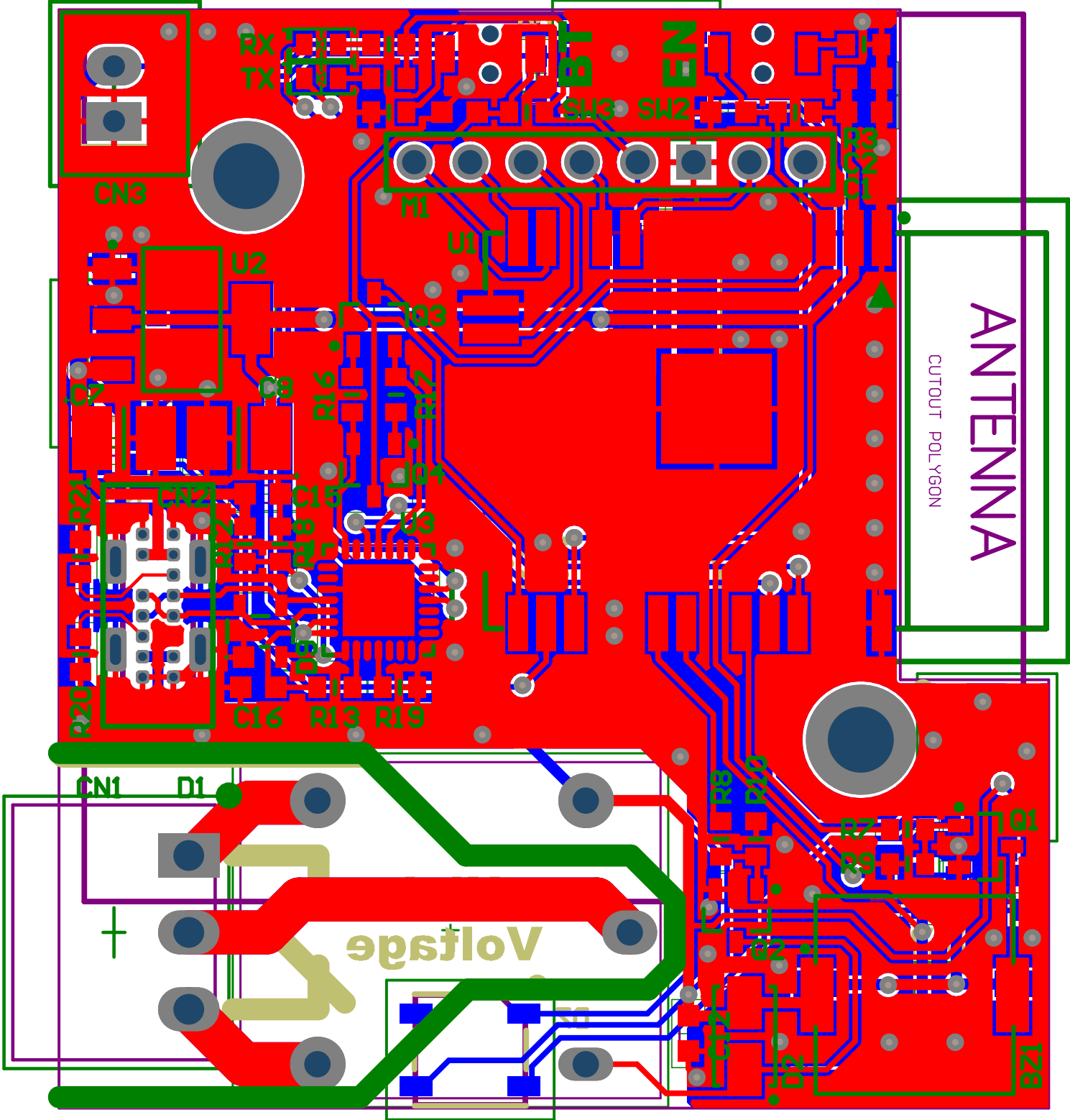
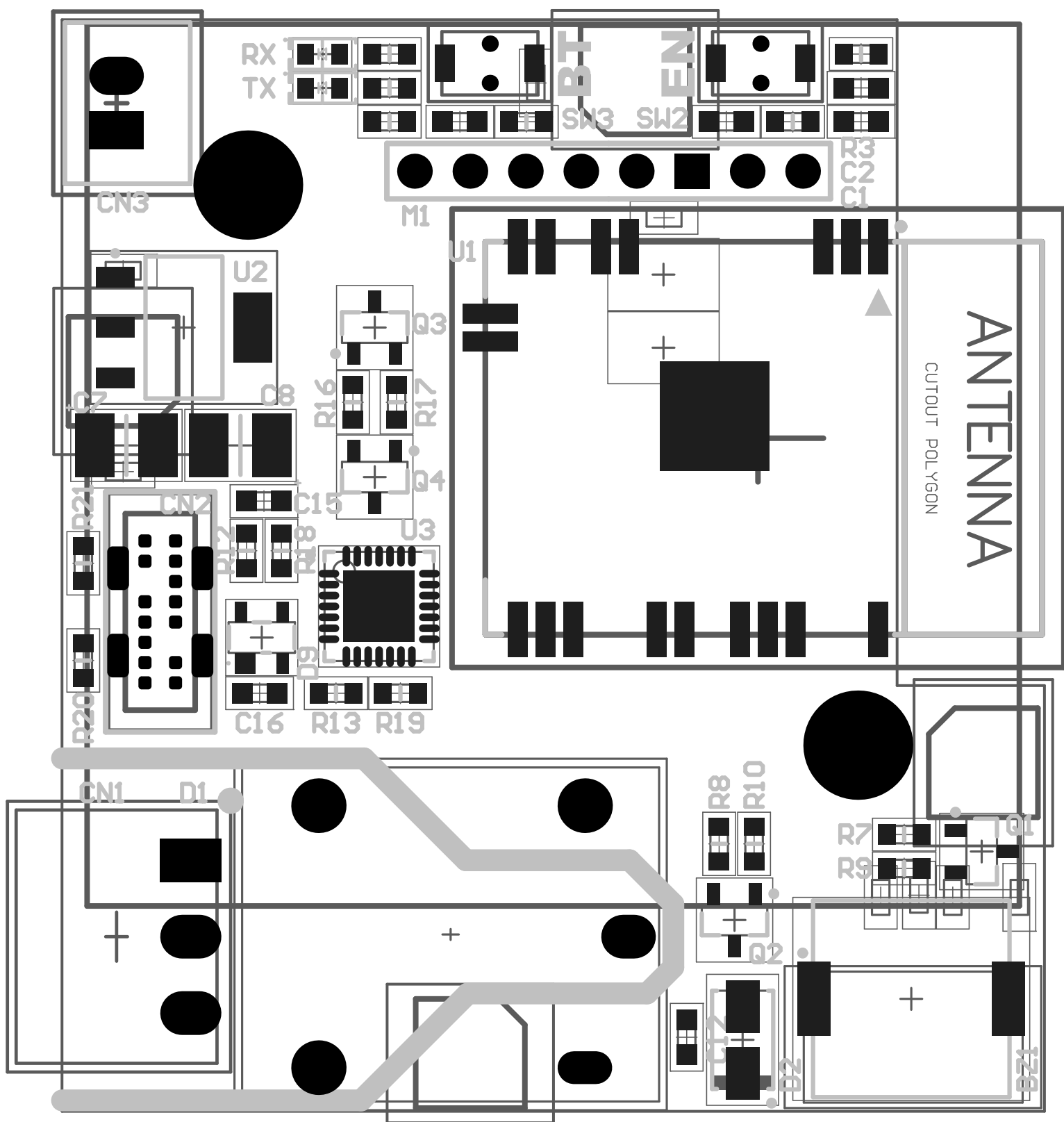
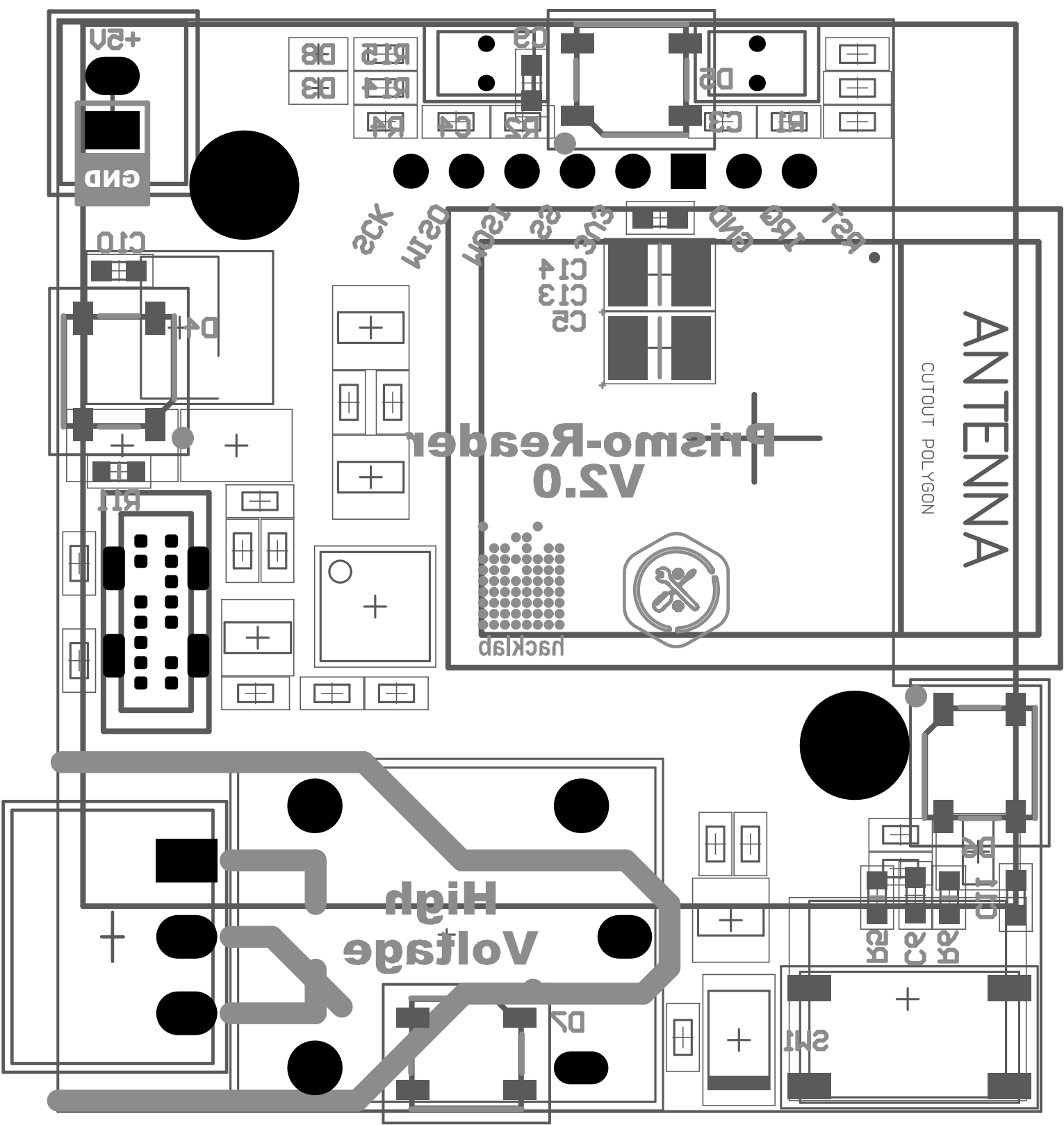


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Description	Designator	Footprint	LibRef	Manufacturer	Manufacturer PN	Quantity	Comment	Value1	Value2	Supplier 1	Supplier Part Number 1
Piezo Buzzers & Audio Indicators 65 DB 4.0 KHz	BZ1	MSC_MURATA_PK MSC0909E4000-R1	12_00160	Murata		1	MSC_BUZZER	PMKCS0909E4000-R1	65DB 4KHz	Mouser	81-PMKCS0909E4000-R1
X7R 10% 0603	C1, C3, C4, C6, C9, C10, C11, C12, C14, C15, C16	CAPC1608X87N	01_00282	KEMET	C0603C104K9RACU	11	CAP	100n	6V3	Farnell	80-C0603C104K9R
X7R 10% 0603	C2	CAPC1608X87N	01_01407	TAIYO YUDEN	LJM107B J106MALTD	1	CAP	10u	10V	Farnell	2113070
Tantalum, 10%, 3225	C5, C7, C8, C13	CAPM3528x210_N	01_01418	AVX	TA8B106K0168R1	4	CAP_POL	10u	16V	Farnell	498737
Plugable Terminal Blocks WR-TBL 300VAC 10A 3P Right Angle	CN1	CN_Wurth_691322110003	02_10131	Wurth	691322110003	1	CN_1X3M	691322110003	3 pin	Mouser	710-691322110003
	CN2	CN_USB-C_vertical	02_10129			1	CN_USB-C	USB	type-c		
	CN3	CN_XH2.54-2P-MALE	02_10135	Joint Tech	A2501WV-3P	1	CN_1X2M	NX2500-02SMS	2 pin		
	D1	MSC_SRD-12VDC-SL-C	12_00134	SRD	SRD-05VDC-SL-C	1	MSC_5pin_Relay	5 pin relay	relay		
	D2	DO-214AC	DIO_SS16			1	DIO				
Standard LEDs - SMD WL-SMCW SMD Mono TpVw Watercrlr 0603 Red	D3, D8	DIO_RED_0603	03_00075	Wurth Electronics	150060R S75000	2	DIO_LED	Red	2V 20mA	Mouser	710-150060RS75000
RGB 5050 address	D4, D5, D6, D7	DIO_LED_WORLD5 EMI_WS2812B	03_00096	WORLDS EMI	WS2812B	4	DIO_LED_WS2812_5050	WS2812_5050	3.7 - 5.3 V	rcs	168190
ESD Suppressor s / TVS Diodes TVS AVAL DIODE SMT	D9	SOT143-L	03_00097	Littelfuse	SP0503BAHTG	1	DIO_TVSTHREE	SP0503BAHTG	TVS USB	Mouser	576-SP0503BAHTG
	M1	MOD_RFID_NFC_P N532_no3d	12_00155		PN532	1	MOD_RFID_NFC_PN532	RFID NFC			
Bipolar Transistors BJT NPN 45V 100mA	Q1, Q2	SOT23	19_00039	NXP	BC847B.215	2	TRS_NPN_123	BC847B	45V 0.1A	Mouser	771-BC847B-T/R
Bipolar Transistors BJT NPN TRANSISTOR 1.5A 40V	Q3, Q4	SOT23	19_00046	Comchip	SS8050-G	2	TRS_NPN_123	SS8050-G	40V 1.5A	Mouser	750-SS8050-G
RESISTOR, 0603, 01K, 1%, SMD	R1, R2, R5, R9, R10, R16, R17, R19	RESCT1608X55N	15_00268	Yageo	RC0603FR-0710K	8	RES	10K	0W1	Farnell	9238603
RESISTOR, 0603, 220R, 1%, SMD	R3, R4, R6, R7, R8, R11	RESCT1608X55N	15_00248	Yageo	RC0603FR-07220R	6	RES	220R	0W1	Farnell	9238409
RESISTOR, 0603, 22K, 1%, SMD	R12	RESCT1608X55N	15_00272	Yageo	RC0603FR-0722K	1	RES	22K	0W1	Farnell	9238646
RESISTOR, 0603, 1K, 1%, SMD	R13, R14, R15	RESCT1608X55N	15_00256	Yageo	RC0603FR-071K	3	RES	1K	0W1	Farnell	9238484RL
RESISTOR, 0603, 47K, 1%, SMD	R18	RESCT1608X55N	15_00276	Yageo	RC0603FR-0747K	1	RES	47K	0W1	Farnell	9238689
RESISTOR, 0603, 5K6, 1%, SMD	R20, R21	RESCT1608X55N	15_00265	Yageo	RC0603FR-075K6	2	RES	5K6	0W1	Farnell	9238573
	SW1	Tact_Switch_SMD	12_00117			1	Tact_Switch	tact switch			
Tactile switch SMD	SW2, SW3	MSC_KLS7-TS3401	12_00156	KLS	KLST-TS3401	2	Tact_Switch_2pin	KLST-TS3401	switch	tmrad	45632
Bluetooth, WiFi 802.11b/g/n, Bluetooth v4.2 + EDR, Class 1, 2 and 3 Transceiver Module 2.4GHz - 2.5GHz Integrated, Trace Surface Mount	U1	MSC_ESP32-WROOM-32D	12_10065	Espressif	ESP32	1	MSC_ESP32-WROOM-32D	ESP32	WROOM		
IC, LDO VOLT REG, 3V3, 0.8A, SOT-223-4	U2	SOT230P730X180-4N	07_00026	Texas Instruments	TLV1117-33IDCY	1	IC_TL1M1117	TLV1117-33	LDO, 3V3, 0.8A	Farnell	1703385
USB Interface IC USBpress USB to UART Bridge GFN28	U3	GFN-28N	07_00292	Silicon Labs	CP2102N-A02-GGFN28	1	IC_SILICON_LABS_CP2102N-GGFN28	CP2102N	28pin QFN-28	Mouser	634-CP2102NA02G-GFN28