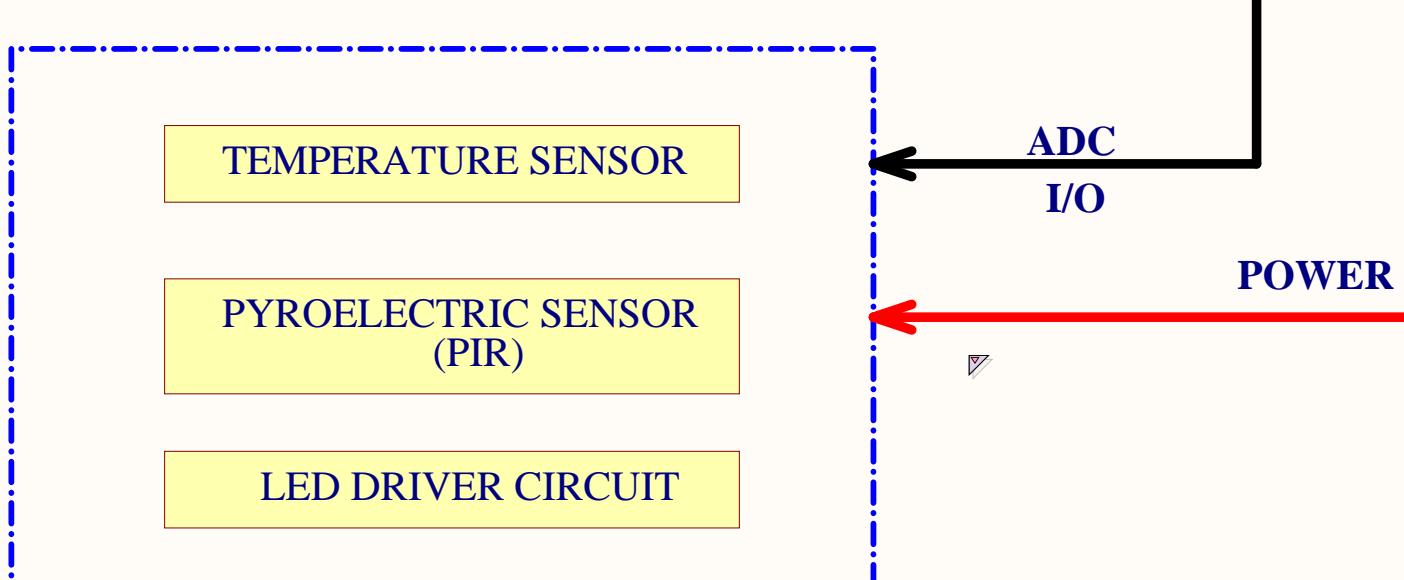
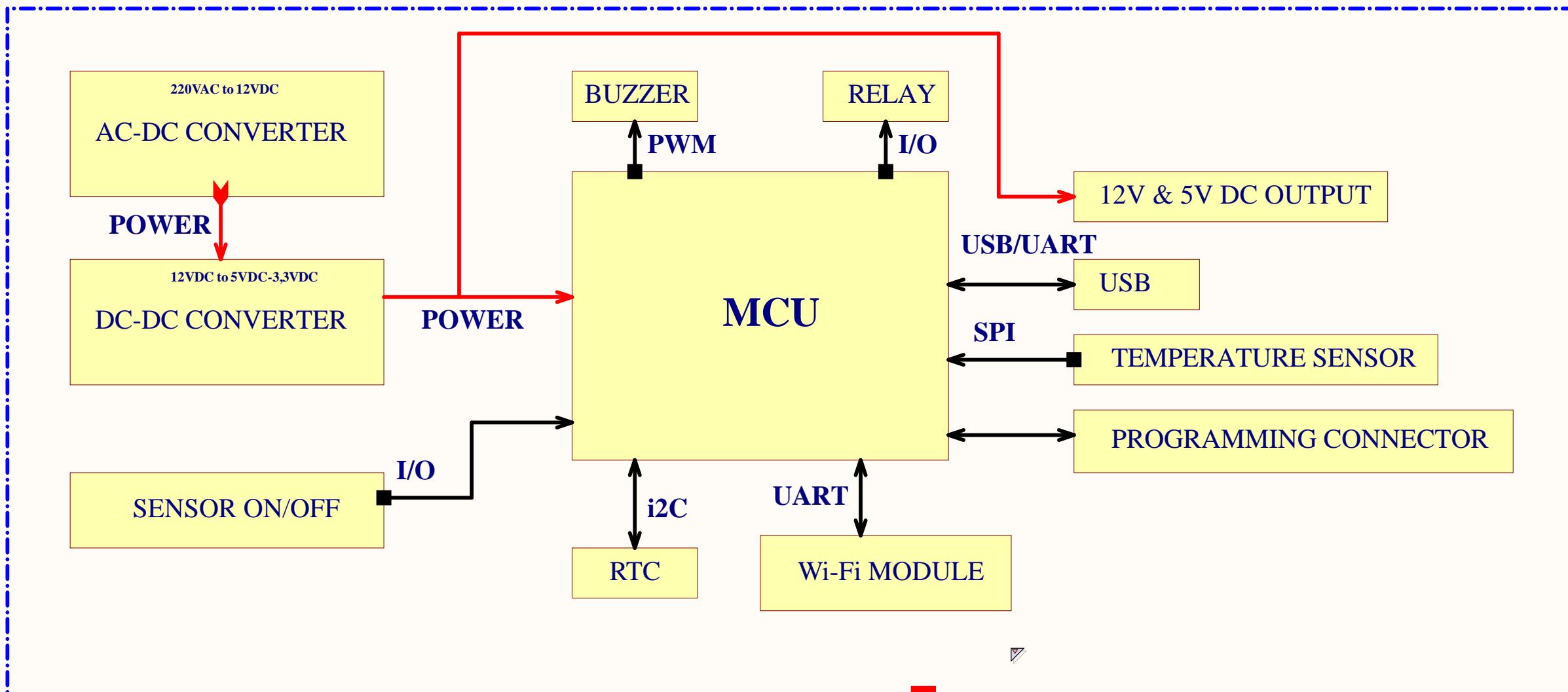


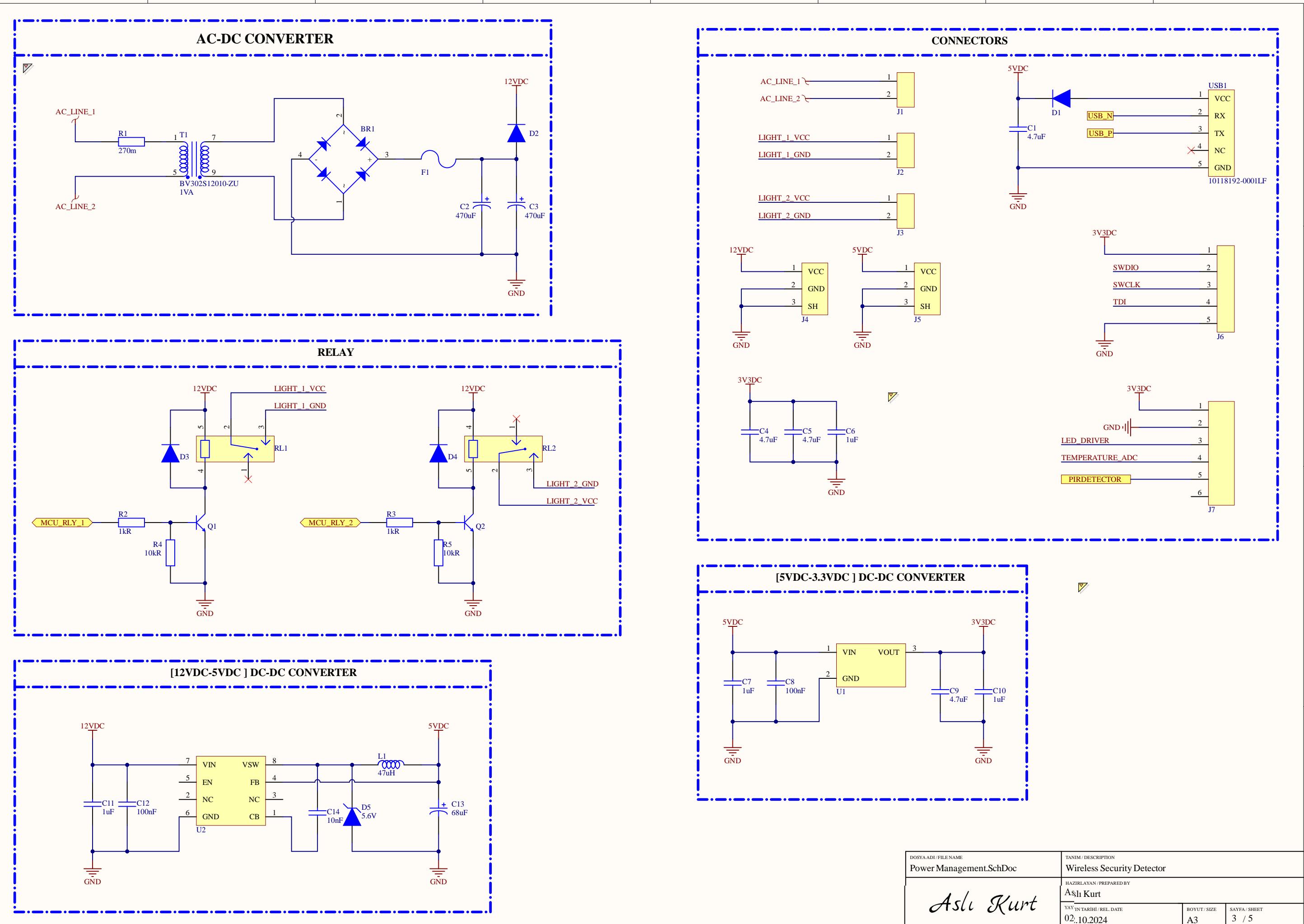
ÜRETİM NOTLARI / PRODUCTION NOTES	
	Açıklama / Description
Kart Özellikleri Board Features	
Üretim Çıktıları Gerber Files	
Ekler Attachments	

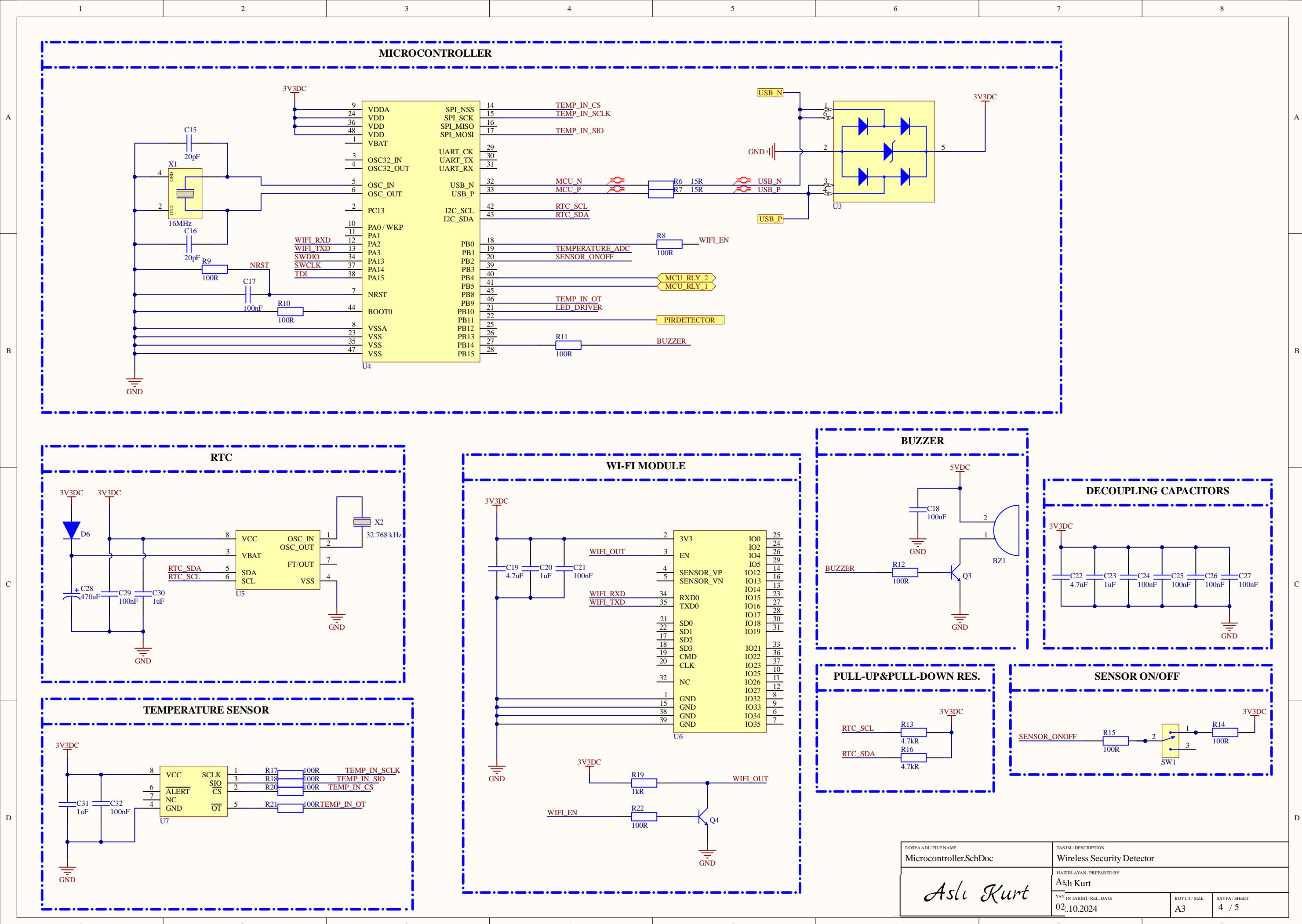
## İLETİŞİM / CONTACT

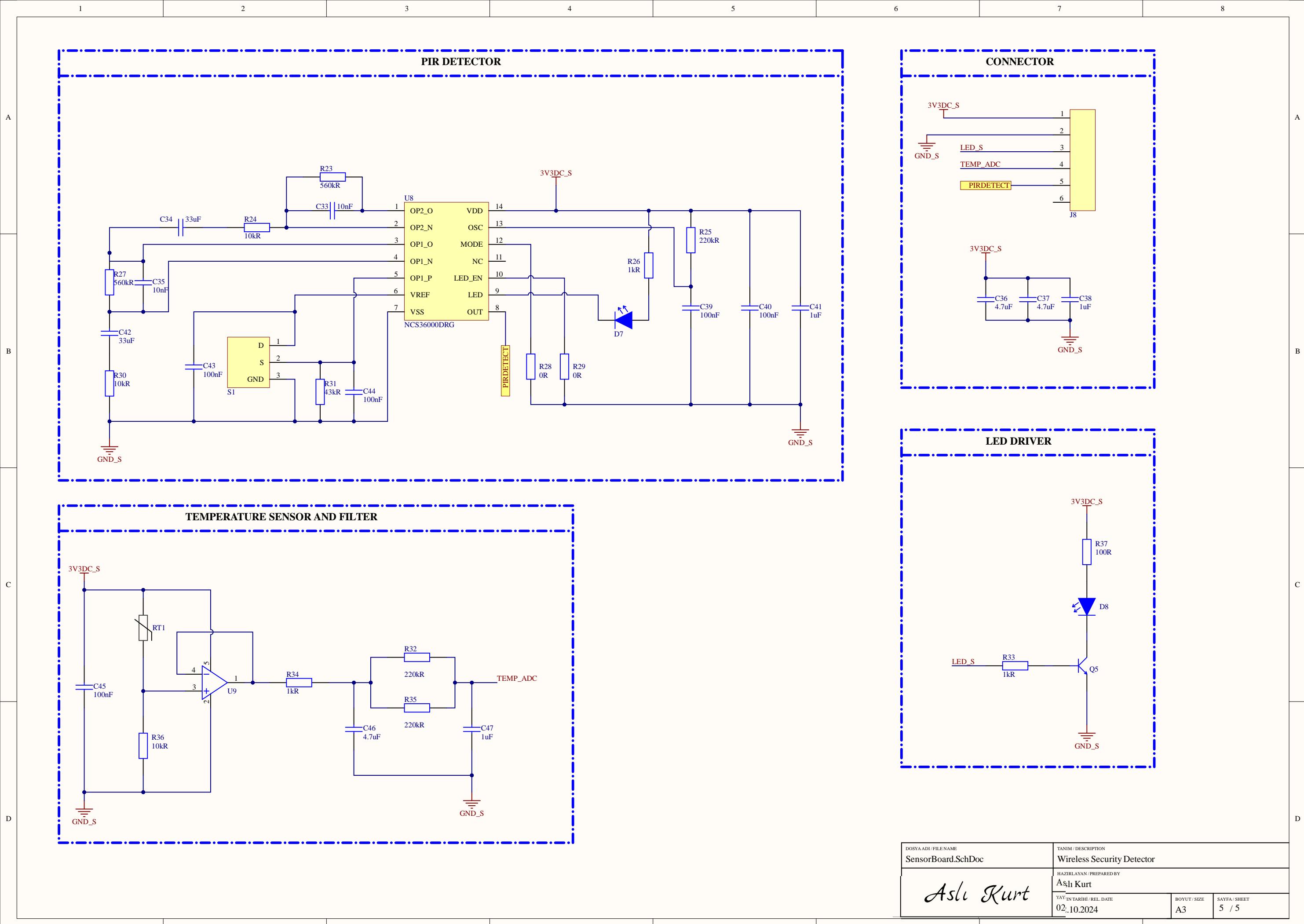
DOSYA ADI / FILE NAME Cover.SchDoc	TANIM / DESCRIPTION Wireless Security Detector
	HAZIRLAYAN / PREPARED BY Aslı Kurt
	YAYIN TARİH / REL. DATE 02.10.2024
	BOYUT / SIZE A3
	SAYFA / SHEET 1 / 5



DOSYA ADI / FILE NAME Block Diagram.SchDoc	TANIM / DESCRIPTION Wireless Security Detector
HAZIRLAYAN / PREPARED BY Aslı Kurt	
YAYIN TARİH / REL. DATE 02.10.2024	BOYUT / SIZE A3







Comment	Description	Designator	Footprint	UuRef	Quantity
DB105STR	Bridge Diode AC/DC	B91	DB105STR	DB105STR	1
BRIDGE DIODE					
Internally Driven					
Magnetic 5V/30mA					
2.7V/4.8dB@5V, 10cm Through Hole PC Pin					
CM-9608IC-0580T		B21	CM-9608IC	CM-9608IC-0580T	1
CL21475K9VNNNE 0905	CAP CER 4.7uF%10	C1, C4, C5, C8, C19, C22, C38, C37, C46	CAP_0805	CAPCER4.7uF0805	9
ES4477M6304H4AA	CAP ALU/ELEC 470uF 50V/RADAC	C2, C3, C28	CAP_RADIAL_D10_P5	CAPALUELEC470uF 50V	3
CL21B109K9VNNNE 0905	CAP CER 1uF%10	C3, C8, C11, C20, C41, C47	CAP_0805	CAPCER1uF0805	11
O0603C104R6RACJTU 0603SMD	CAP CER 100nF%10	C8, C17, C24, C25, C28, C27, C39, C40, C41, C44, C45	CAP_0603	CAPCER100nF0603	11
CL21B104K9VNNNC 0905	CAP CER 100nF%10	C7, C18, C21, C29, C32	CAP_0805	CAPCER100nF0805	5
EEVB60M035A9H4A	Cap Aluminum Lytic 68uF/35V/20% (6.3X 7.7mm) SMD 280mA 200uA, 100nF	C13	CAP_EEseries	CAPALU68uF	1
0603B103K060CT	CAP CER 10nF%10	C14, C33, C35	CAP_0603	CAPCER10nF0603	3
CL10C20L0B1NNNC 0603SMD	CAP CER 20uF%5	C15, C16	CAP_0603	CAPCER20uF0603	2
AC2165VR1E303H169	CAP CER 33uF%5	C34, C42	CAP_1206	CAPCER33uF1206	2
1206-SMD					
N4148WS	Diode Single, 75V, 150mA, 1V, 4ns	D1, D2, D3, D4, D6	SOD023F	IN4148WS	5
	Diode Zener Single 5.6V/5% 2-Pin SMB	SMB		1SM85919BTG	1
1SM85919BTG					
Green0805 130° Min 5 mcd Typical 12 mcd					
LTSFC171GK	Water Clear Lens SMT LED	D7	LED_GREEN_0805	LED_GREEN_0805	1
LHR974-LP-1	LED Green 2.0mm Chip Red 4.0mm 2.0mic TR 0805/2012(Metric) TR	D8	LED_RED_0805	LED_RED_0805	1
3413.0216.22	FUSE 5x20MMNTA 32VAC/63VDC 1206	F1		3413.0216.22	1
TBP01R1-508-028E	Capacitor Header Header H202 POS 5.03mm Solder RA Side Entry Thru-Hole Bag	J1, J2, J8	TBP01R1-508	TBP01R1-508-028E	3
PJ037AH-SMT-TR	DC Power Connectors Power Jacks	J1, J5	JACK	PJ037AH-SMT-TR	2
SMH-105-02-L-S	:100:CL, HORIZONTAL SMT SOCKET	J6	PINHEADER1X6_RA	SMH-105-02-L-S	1
64800611622	1.50mm SMD Connector	J7, J8	64800611622_conn_6	64800611622_conn_6	2
78438333470	PNED IND47uH 300mA 2.3 CH SMD	L1	IND_1212	IND47uH	1
MMBT3904-7-F	Transistor General Purpose BJT/PNP-40 Vce 100V, Ic 40mA Pn 307.23	Q1, Q2, Q3, Q4, Q5	QD7-23F	MMBT3904-7-F	5
SN2027	Resistor R Watt Cermet Wirewound Flameproof .27 Ohm 5% 1W	R1	RES_AXIAL_W	SN2027	1
RC0003FR-0710RL	RES1K1OHM0603 SMD, RES10K161 CHM-0603 SMD	R2, R3, R4, R5, R16, R24, R26, R30, R33, R40, R50	RES_0603	RES1KOHM0603, RES 10KOHM0603	11
RC0003JR-0715RL	RES15.165OHM0603 SMD	R6, R7	RES_0603	RES15.1OHM0603	2
RC0003JR-07100R	RES100.165OHM0603 SMD	R8, R9, R10, R11, R12, R14, R15, R17, R18, R20, R21, R22, R37	RES_0603	RES100.1OHM0603	13
RC0003JR-0714KL	RES4.7uF100uF-M0603 SMD	R13, R16	RES_0603	RES4.7uF100uF0603	2
RC0003JR-07560R	RES100uF50uKOHM SMD 1/10W 0805	R23, R27	RES_0603	RES50uKOHM0603	2
RC0003JR-07220L	RES220K165OHM 0603 SMD	R25, R32, R35	RES_0603	RES220KOHM0603	3
RC0003JR-0709RL	RES10.161OHM0603 SMD	R38, R39	RES_0603	RES10.1OHM0603	2
RC0003JR-0743KL	RES4.3K%5%0.0603 SMD	R31	RES_0603	RES4.3KOHM0603	1
ALQ112	General Purpose Relay SPDT Form C 12VDC Coil Through Hole	RL1, RL2	ALQ112	ALQ112	2
TFPT1206L1002FM	Thermistor PTC10K Ohm 1% 1206	R11	RES_1206	TFPT1206L1002FM	1
UH1878/3902	SENSEPROX DETECTORDUAL MOTOR	S1	UH1878	UH1878/3902	1
EG1215AA	Surf Mount, SMD, 0.025A, 24V, SMD	SM1	EG1215AA	EG1215AA	1
BV3032S1010-ZU	Z30-12 Transformer 1VA	T1	BV3032S	BV3032S1010-ZU	1
AP7361-335-13	LM358N Op-Amp Pos 1.3V/1.4A (Pin+Pin)	U1	SOT223	AP7361-335-13	1
	Switching Voltage Regulators Pow Cntr H Eff 1A(DV) Reg	U2	SOIC8	LM2675MK-12/NOPB	1
USBL08-2SD	1000uA 2.5V 17V SOT23-6	U3	SOT23-6L	USBPROTECTION	1
STM32F103C6T6A	MCU 32bit STM32F ARM Cortex-M3 RISC 32MHz Flash 2.5V/3.3V 48MHz LQFP 32	U4	LQFP-48	STM32F103C6T6A	1
M41T00MF	CLK/CALENDAR12C8- SOC	U5	SOIC8	M41T00MF	1
ESP32-WROOM-32	SDH MODULE ESP32- DIO/IQ, 32BIT	U6	ESP32-32	ESP32-WROOM-32	1
MAX6662	TEMPERATURE SPI 8SDIC	U7	SOIC8	MAX6662	1
NCS36000DR	PRG Controller Low Noise Amplifiers and LC Oscillators 14-Pin SOIC	U8	SOIC14	NCS36000	1
OPA314NDIBVR	Op Amp OPA314	U9	SOT23-5	OPA314	1
1011812-0011LF	CONN RQPTE062-0 MICRO-BUDR-0	U9B1	MICRO_BUDB	Micro_BUDB	1
ECS-160-20-30B-TR	Cap 160uF 6.0000MHz 20PF SMD	X1	ECS	CRYSTAL 16MHz	1
A8935-32.768MHzZ	Cystal 32.768kHz SMD, 1.6mmx1mm, 12.5μF, 20ppm, A8935 Series	X2	A8935	CRYSTAL 32.768kHz	1

