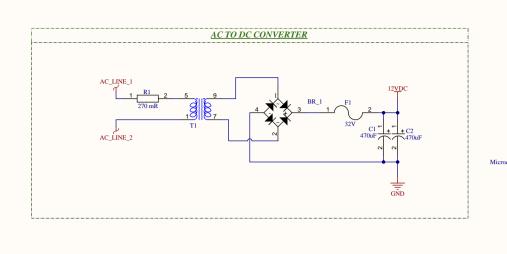
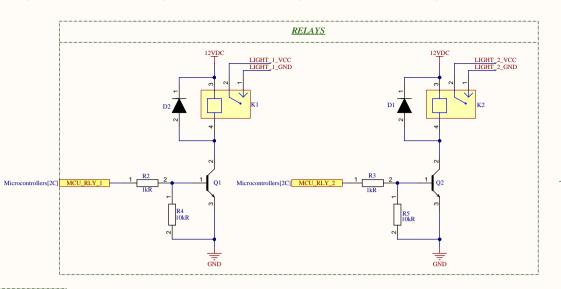
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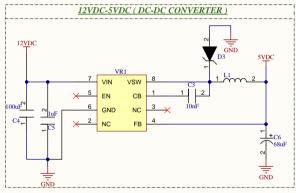
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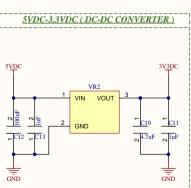
<u>CONTACT</u>	
Ahmet Can KARACAN ackaracan@gmail.com +90 554 678 4599	

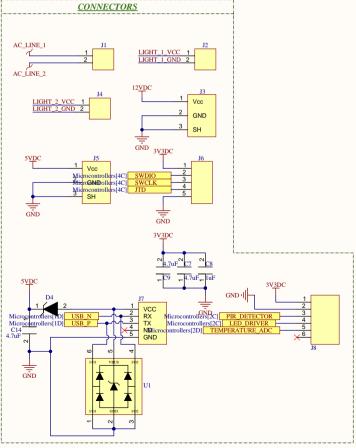
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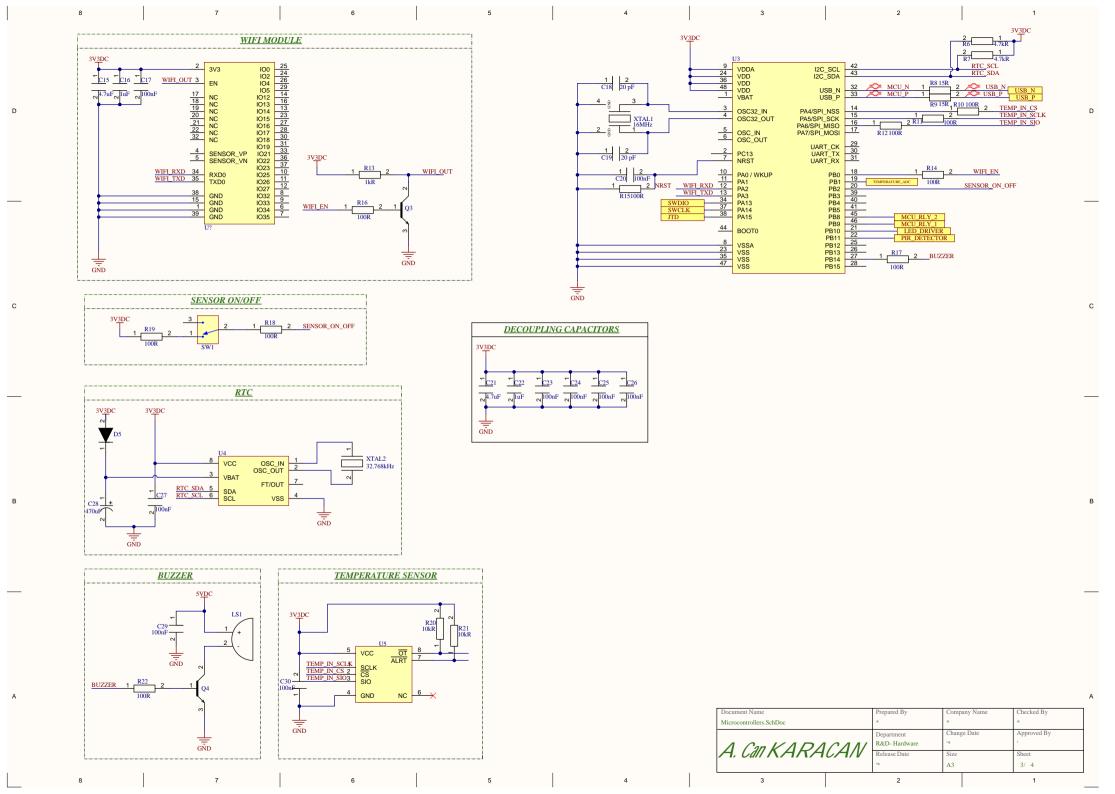


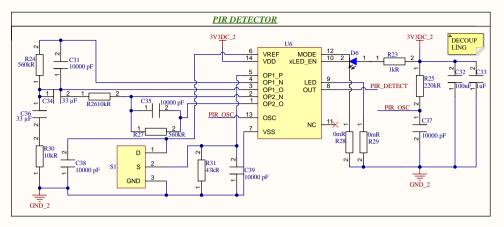


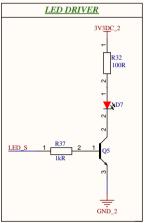




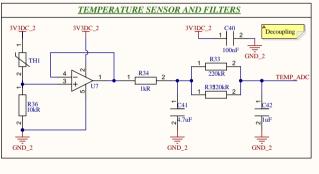
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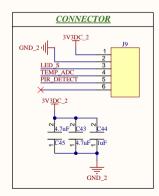






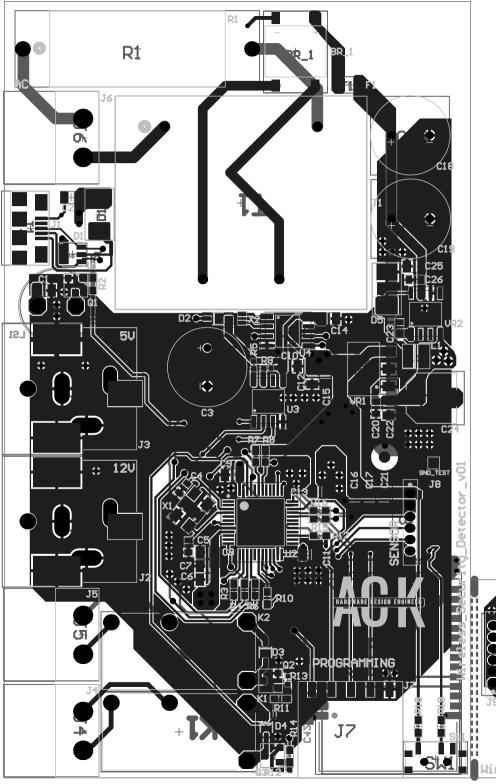
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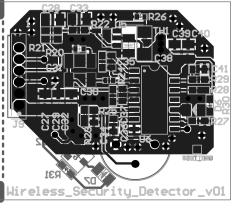




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Description	Designator	Manufacturer	Manufacturer Part	Comment	Quantity
Rectifier Bridge Diode	BR_1	SMC Diode Solutio	DB105S	DB105S	1
Cap, 470UF, 50V, Alu E	C1, C2, C4, C6, C12, C28	KEMET	ESH477M050AH4A	ESH477M050AH4A	6
Multilayer Ceramic Ca	C3, C31, C35, C37, C38,	Walsin Technologi	0603B103K160CT	0603B103K160CT	6
CAP CER %10 1uF 0805	C5, C7, C8, C9, C10, C1	Samsung	CL21B105KBFNNNI	CL21B105KBFNNNI	31
Multilayer Ceramic Ca	C34, C36	TDK	C3216X5R1E336M1	C3216X5R1E336M1	2
Diode Ultra Fast Recov	D1, D2, D5	ON Semiconductor	1N4148WS	1N4148WS	3
Vz=5.6V 5.32V~5.88V I	D3, D4, U6	ON Semiconductor	1SMB5919BT3G, N	1SMB5919BT3G, N	3
Blue 467nm LED Indica	D6	BNDLIGHT		0805BBD8100S01	1
Red 626nm LED Indica	D7	Broadcom Avago	HSMC-C170	HSMC-C170	1
Fuse Chip Fast Acting	F1	Schurter	3413.0216.22	3413.0216.22	1
2~24 Poles, Pluggable	J1, J2, J4	CUI Devices	TBP01R1-508-02BE	TBP01R1-508-02BE	3
2.0 x 6.3 mm, 5.0 A, Ho	J3, J5, LS1	CUI	PJ-037AH-SMT-TR,	PJ-037AH-SMT-TR,	3
5 Position Receptacle	J6	Samtec	SMH-105-02-L-S	SMH-105-02-L-S	1
CONN USB MICRO B RI	J7	Amphenol ICC / FC	10118192-0001LF	10118192-0001LF	1
WR-WTB Wire-to-Boar	J8, J9, L1	Wurth Electronics	64800611622, 7843	64800611622, 7843	3
Electromechanical Rel	K1, K2	Panasonic	ALQ312	K_ALQ312	2
Transistor General Pur	Q1, Q2, Q3, Q4, Q5	Diodes Zetex	MMBT3904-7-F	MMBT3904-7-F	5
270 mOhms ±5% 5W T	R1	NTE Electronics, In	5WD27	5WD27	1
SMD Chip Resistor, 1 k	R2, R3, R4, R5, R6, R7, I	Yageo	RC0402FR-071KL, R	RC0402FR-071KL, R	36
Sensor PIR (Passive In	S1	Excelitas Technolo	gies	LHI 878/3902	1
Slide Switch, SPDT, 0.0	SW1	E-Switch	EG1215AA	EG1215AA	1
Sealed Transformer El	T1	Zettler Magnetics	BV302S12010	BV302S12010	1
Thermistor PTC 10K O	TH1	Vishay Dale	TFPT1206L1002FM	TFPT1206L1002FM	1
USBLC6 Series 2 Line 6	U1, U3, U4	STMicroelectronic	USBLC6-2SC6, STM	USBLC6-2SC6, STM	3
Temp Sensor Digital S	U5	Maxim	MAX6662MSA+	MAX6662MSA+	1
IC OPAMP GP 3MHZ RF	U7	Texas Instruments	OPA314AIDBVR	OPA314AIDBVR	1
SMD module, ESP32-D	U?	Espressif Systems	ESP32-WROOM-32	ESP32-WROOM-32	1
SIMPLE SWITCHER® 6.	VR1	TI National Semico	LM2675MX-12/NO	LM2675MX-12/NO	1
Ldo Cmos Hicurr SOT2	VR2	Diodes	AP7361EA-33E-13	AP7361EA-33E-13	1
Crystal 16MHz ±30ppm	XTAL1	ECS International	ECS-160-20-30B-DU	ECS-160-20-30B-TR	1
CRYSTAL 32.768kHz ±2	XTAL2	Abracon	ABS05-32.768KHZ-	ABS05-32.768KHZ-	1