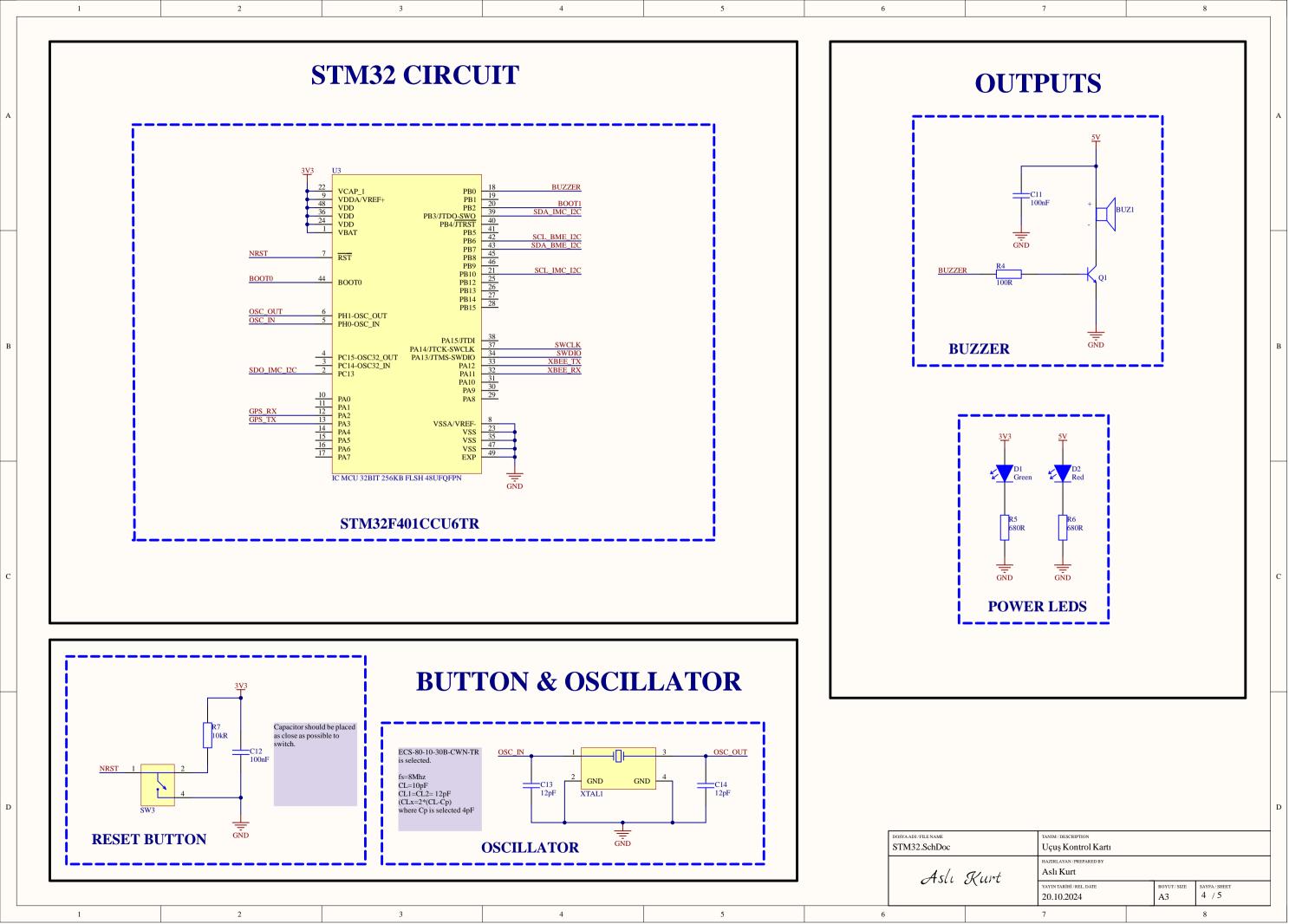
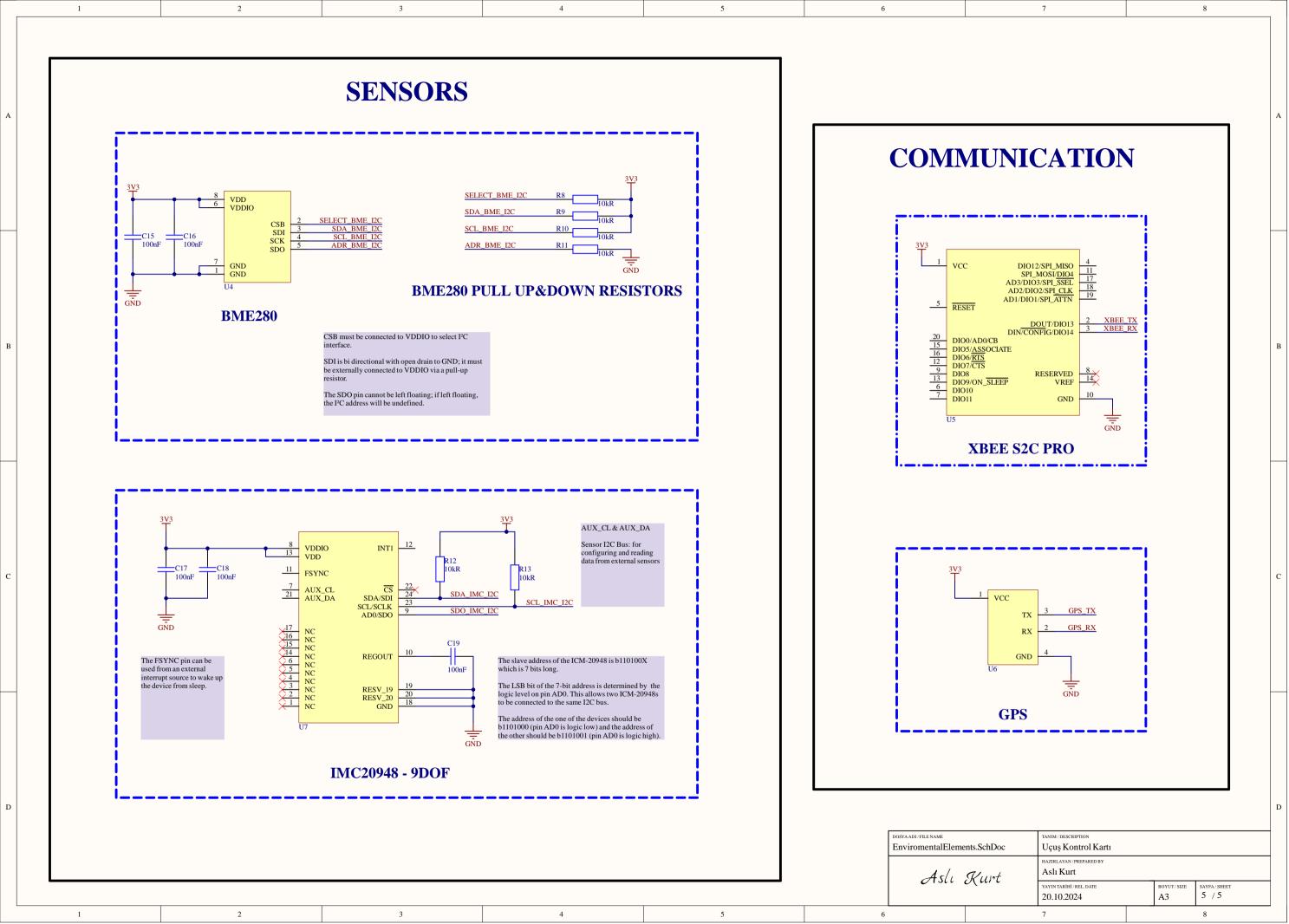
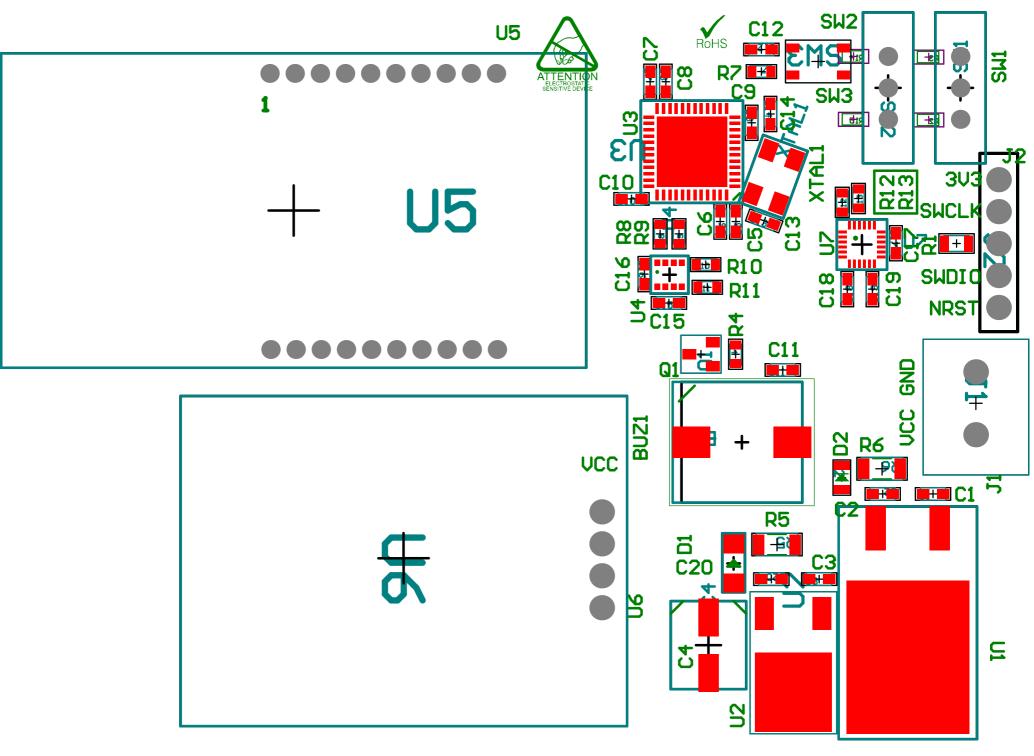
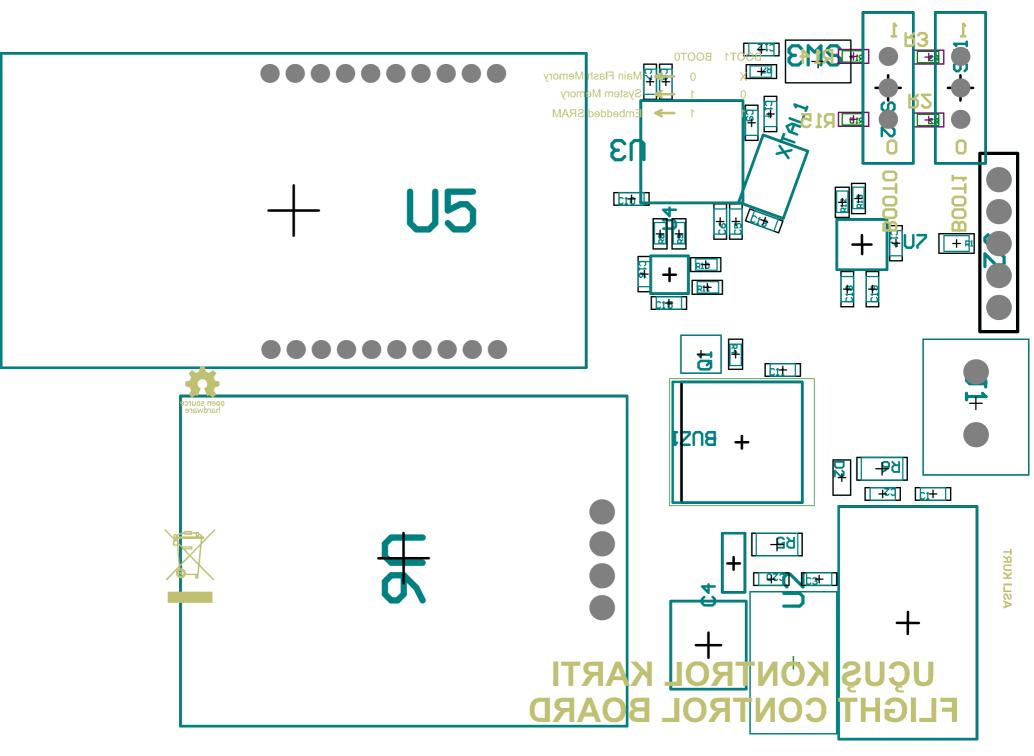


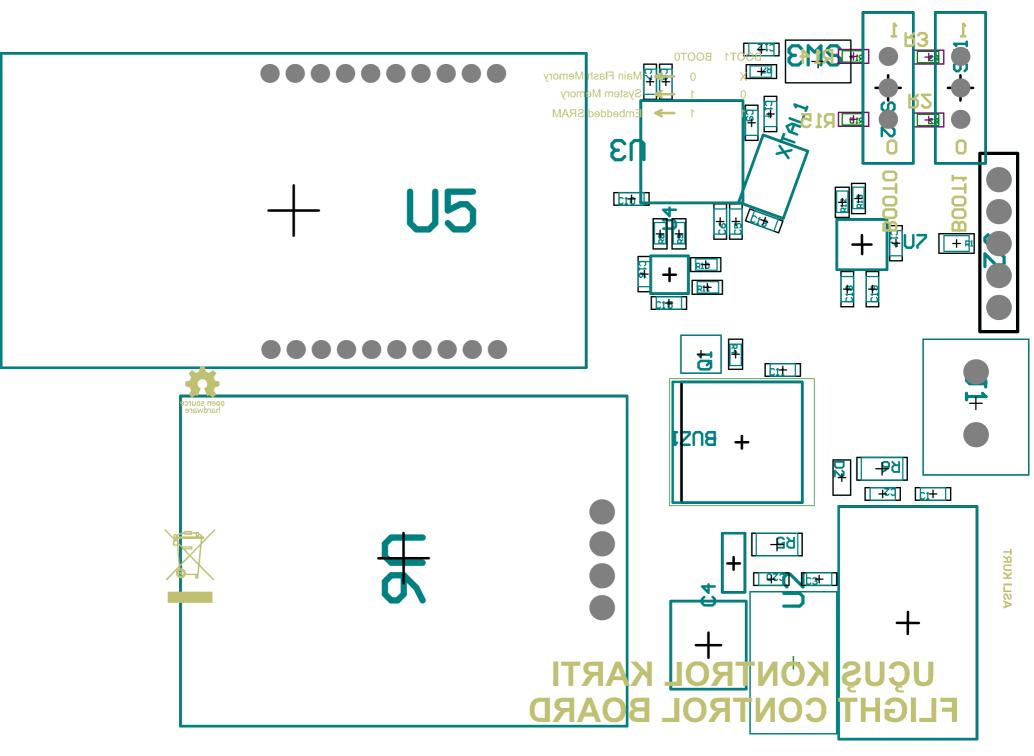
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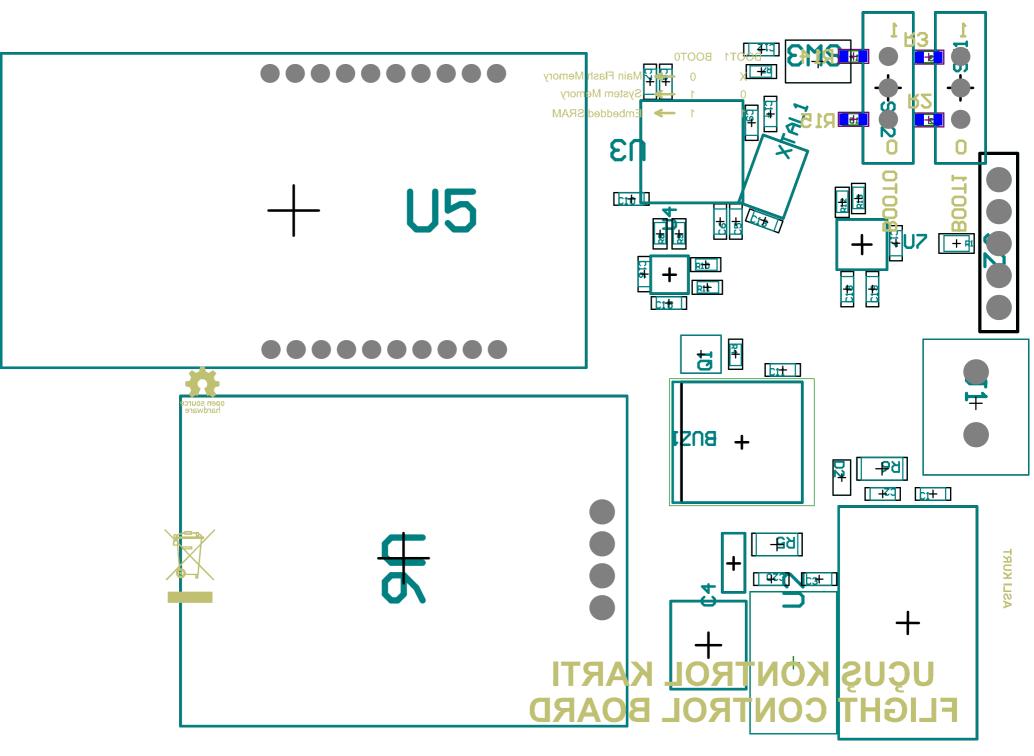












Comment	Description	Designator	Footprint	LibRef	Quantity
	Audio Indicator 5V 30mA 80dBA 2.7KHz				
SMI-1027-TW-5V-R	Resonant Frequency	BUZ1	BUZZER_SMD	BUZZER_5V_SMD	
	SMD				
	Multilayer Ceramic				
CGA3E3X7R1H334K08 NAB	Capacitor, 0.33 uF, 50	C1, C3	CAP_0603	CAPCER330nF0603	
UAD	V, ± 10%, X7R, 0603 [1608 Metric]				
	[C2, C5, C6, C7, C8,			
C0603C104K5RACTU	CAPCER100nF%10	C9, C10, C11, C12,	CAP_0603	CAPCER100nF0603	1
00000010410141010	0603 SMD	C15, C16, C17, C18,	G-4 _0000	GA CERTOON 0000	
	CAPALUM10UF20%	C19, C20	CAP_RADIAL_D5_P5.5	CAPALUELEC 10uF	
865080642006	50VSMD	C4	SMD	50V	
	Multilayer Ceramic				
	Capacitor, 12 pF, 50 V,	C13, C14	CAP_0603	CAPCER12pF0603	
0	i¿½1%, COG (NP0),	,			
	0603 [1608 Metric] WL-SMCW SMTMono-				
150120GS75000	Color Chip LED	D1	LED_GREEN_1206	LED GREEN 1206	
1001200010000	Waterclear				
	LED Uni-Color Hyper				
LH R974-LP-1	Red 660nm 2-Pin Chip	D2	LED_RED_0805	LEDRED 0805	
	0805(2012Metric) T/R Connector, Terminal				
	Block; Wire				
282836-2	Receptacle; 2 Pos.; 16-	Ji	TERMINAL	2x1 TERMINAL5mm	
	30 AWG; 0.197 in. CL;				
	Sid		Evi Molo Haadas	Evi Mala Handar	1
61300511121		J2	5x1 Male Header 2.54mm	5x1 Male Header 2.54mm	1
	Transistor General				
MMBT3904-7-F	Purpose BJTNPN 40	Q1	SOT-23F	MMBT3904-7-F	1
1-1-40ECI Giviivi	Volt 0.2A Automotive 3-	Q1	3J1-23F	WWD13904-7-F	1
	Pin SOT-23 RES10KOHM5%		-		
RC0805JR-0710KL	1/8W0805	R1	RES_0805	RES10KOHM0805	
	RES100 %5 OHM 0603				
RC0603JR-07100RL	SMD	R2, R3, R4, R14, R15	RES_0603	RES100 OHM 0603	
	SMD Chip Resistor,				
RC1206FR-07680RL	680 Ohm, �1%, 250				
	mW, 1206 [3216	R5, R6	RES_1206	RES680 OHM 1206	
	Metric], Thick Film, General Purpose				
RC0603FR-0710M	RES10K%1 OHM0603	R7, R8, R9, R10, R11,	RES 0603	RES10KOHM0603	
NCCOOCSI INOT TONE	SMD	R12, R13	NL3_0003	NESTONO IIVI0003	
	Slide Switch, SPDT, ON				
EG1218	ON, 200 mA, 30V DC,	SW1, SW2	SWITCHSLIDE_1POS_	EG1218	
201210	TH, PCPin, EGSeries	OVVI, OVVE	DIP	201210	
	E-Switch EG1218				
	Microminiature Top				
PTS815 SJK250 SMTR	Actuated Tactile			4.2mm x 3.2mm	
LFS	Switch Momentary	SW3	BUTTON SMD	BUTTON	
00	SPST-NO50mA12VDC			DOTTOR	
	Surface Mount T/R				
	Standard Regulator				
I ZOOFODOT TO	Pos 5V 1.5A3-		DODALCTO OCO O	LZOCCOPOTED	
L7805CD2T-TR	Pin(2+Tab) D2PAKT/R / ICREGLDO5V1.5A	U1	D2PAK-TO-263-3	L7805CD2T-TR	1
	D2PAK				1
	LD29150 Series 3.3 V				
LD29150DT33R	1.5 A Fixed Output SMT	U2	DPAK-TO252	LD29150DT33R	1
ID29130D133R	LDO Voltage Regulator	1			1
	TO-252				
IO MOLIOOPETATA					
ICMCU32BIT256KB	TO-252 MCU32-bit STM32 ARM Cortex M4 RISC 256KB Flash	из	48-UFQFPN (7x7)	STM32F401CCU6	
IC MCU 32BIT 256KB FLSH 48UFQFPN	TO-252 MCU32-bit STM32 ARM Cortex M4 RISC 256KB Flash 1.8V/2.5V/3.3V 48-Pin	uз	48-UFQFPN (7x7)	STM32F401CCU6	
	TO-252 MCU32-bit STM32 ARM Cortex M4 RISC 256KB Flash	us	48-UFQFPN (7x7)	STIM32F401CCU6	
	TO-252 MCU32-bit STM32 ARMCortexM4 RISC 256KB Flash 1.8V/2.5V/3.3V 48-Pin UFQFPN EP Tray Pressure,	U3	48-UFQFPN (7x7)	STM32F401CCU6	
	TO-252 MCU32-bit STM32 ARMCortex M4 RISC 256MB Flash 1.8V/2.5V/3.3V48-Pin UPOFPN EP Tray Pressure, Temperature and	U3	48-UFOFPN (7x7) 8-VFLGA	STM32F401CCU6	
FLSH 48UFQFPN	TO-252 MCU32-bit STM32 ARMCortex M4 RISC 256/48 Flash 1.81/2.55/13.3V 48-Pin UFOFPN EP Tray Pressure, Temperature and Humidity Sensor Digital Output 1.8V 8-				
FLSH 48UFQFPN	TO-252 MCU32-bit STM32 MCU32-bit STM32 ARM/CortexM4 RISC 256/8 Flash 1.81/2.51/3.3V 48-Pin UFQFPN EP Tray Pressure, Temperature and Humidity Sensor Digital Output 1.8V 8- Pin LGA TR				
FLSH 48UFQFPN	TO-252 MCU32-bit STM32 AFM/Cortex/M4 RISC 256/46 Flash 1.8V/2.5V/3.3V 48-Pin UFOFPN EP Tray Pressure, Temperature and Humidity Sensor Digital Output 1.8V 8- PIn LGA T/R XBee S2C 602.15.4,				
FLSH 48UFOFPN BME280	TO-252 MCU32-bit STM32 ARMCortexM4 RISC 256/kB Flash 1.8/V2.5/V3.3V 48-Pin UFOFPN BP Tray Pressure, Temperature and Humidity Sensor Digital Cutput 1.8/V8- Pin LGA T/R XBee SCC 802.15.4, 2.4(G+ZTH.(RPSMA)	U4	8-VFLGA	BME280	
FLSH 48UFOFPN BME280 XBEES2C PRO	TIO-252 MOU32-bit STIM32 ARM/Cortex/M4 RISC 256/M5 Riash 1.8/W.2.5/W.3.3/W48-Pin UFOFFN EP Tray Pressure, Temperature and Humidity Sensor Digital Output 1.8/V8- Pin LGA TIR XBee SSC 802.15.4, 2.4GHzTH (RPSMA) GYNEOSMWZ GPS	U4	8-VFLGA XBEE_S2C_PRO	BME280 XB24CAST-001	
FLSH 48UFOFPN BME280	TO-252 MCU32-bit STM32 ARMCortexM4 RISC 256/kB Flash 1.8/V2.5/V3.3V 48-Pin UFOFPN BP Tray Pressure, Temperature and Humidity Sensor Digital Cutput 1.8/V8- Pin LGA T/R XBee SCC 802.15.4, 2.4(G+ZTH.(RPSMA)	U4 U5	8-VFLGA	BME280	
FLSH 48UFOFPN BME280 XBEES2C PRO	TIO-252 MOU 32-bit SIM32 ARM Cortex M4 RISC 256/48 Flash 1.8/W2.5/W3.3V 48-Pin LFOLFPN LP-Tray Pressure, Temperature and Humidity Sensor Digital Output 1.8V8- Pin LGA T/R XBee S2C 802.15.4, 2.4GHz TH (RPSMA) GY-NEOSHNZ GPS Modülü - Uçuş Kontrol Sstem GPSi Accelerometer and	U4 U5	8-VFLGA XBEE_S2C_PRO GY-NEO6M/2	BME280 XB24CAST-001	
FLSH 48UFOFPN BME280 XBEES2C PRO GY-NEO6M/2	TO-252 MOU 32-bit STM32 ARM/Contex/M4 RISC 256/48 Flash 1.8/W2.5/V3.3V 48-Pin LFOFPN LB Tray Pressure, Temperature and Humidity Sensor Digital Output 1.8V 8-Pin LGA T/R XBee SXC 802.15.4, 2.4(G+LTH.(RF3MA) GY-NEOBM/Z GPS Modilia - Usup Kontrol Stem GPSI Accelerometer and Gyroscope Compass 9-	U4 U5 U6	8-VFLGA XBEE_S2C_PRO GY-NEOGM/V2 24-TFOFN Module	BME280 XB24CAST-001 GY-NEOGMV2	
FLSH 48UFOFPN BME280 XBEES2C PRO	TO-252 MCU32-bit STM32 ARM/Cortex/M4 RISC 256/M5 Rlash 1.8/W2.5/W3.3/W48-Pin UFQFPN EP Tray Pressure, Temperature and Humidity Sensor Digital Output 1.8/W8- Pin LGA TVR W8ee SEC 802.15.4, 2.4GHz TH (RSMM) GY-NEOSM/2 GPS Modülo - Uçuş Kontrol Ststem GPSi Accelerometer and Gyroscope Compass 9- Avis Digital 24-Pin GPN	U4 U5	8-VFLGA XBEE_S2C_PRO GY-NEO6M/2	BME280 XB24CAST-001	
FLSH 48UFOFPN BME280 XBEES2C PRO GY-NEO6M/2	TIO-252 MCJ 32-bit STM32 AFM Cortex M4 RISC 256/48 Flash 1.8/W2.5/W3.3V 48-Pin UFOFPN IP-Tray Pressure, Temperature and Humidity Sensor Digital Output 1.8V8- Pin LGA T/R XBee S2C 802.15.4, 2.4/GHz TH (RPSMA) GV-NECGRNZ GPS Modülü - Uçuş Kontrol Satem GPSi Avis Digital 24-Pin QFN T/R	U4 U5 U6	8-VFLGA XBEE_S2C_PRO GY-NEOGM/V2 24-TFOFN Module	BME280 XB24CAST-001 GY-NEOGMV2	
FLSH 48UFOFPN BME280 XBEE S2C PRO GY-NEO6M/2 ICM-20948	TIO-252 MOUJ 32-bit STIM32 AFM Contex MM RISC 256/MS Flash 1.8/W2.5/W3.3V 48-Pin LFG/FPN LP Tray Pressure, Temperature and Humidity Sensor Digital Output 1.8V 8-Pin LGA T/R W8-E SC 802.15.4, 2.4GHz TH (RPSIMA) GY-NEOSIM/Z GPS Modilio - Lyug Kontrol Sistem GPSI Accelerometer and Gyroscope Compass 9- Avis Digital 24-Pin GPN TR Crystal 8MHz±10ppm	U4 U5 U6	8-VFLGA XBEE_S2C_PRO GY-NEOGM/V2 24-TFOFN Module	BME280 XB24CASTF-001 GY-NEOGM/2 ICM-20948	
FLSH 48UFOFPN BME280 XBEES2C PRO GY-NEOGM/2	TIO-252 MCJ 32-bit STM32 AFM Cortex M4 RISC 256/48 Flash 1.8/W2.5/W3.3V 48-Pin UFOFPN IP-Tray Pressure, Temperature and Humidity Sensor Digital Output 1.8V8- Pin LGA T/R XBee S2C 802.15.4, 2.4/GHz TH (RPSMA) GV-NECGRNZ GPS Modülü - Uçuş Kontrol Satem GPSi Avis Digital 24-Pin QFN T/R	U4 U5 U6	8-VFLGA XBEE_S2C_PRO GY-NEOGM/V2 24-TFOFN Module	BME280 XB24CAST-001 GY-NEOGMV2	

Design Rules Verification ReportFilename : C:\Users\asli\Desktop\Hardware Design\Project Files\InProgress\UcusKarti\Ucu

Warnings 0 Rule Violations 0

Warnings Total 0

Rule Violations				
Clearance Constraint (Gap=0.1mm) (All),(All)	0			
Short-Circuit Constraint (Allowed=No) (All),(All)				
Un-Routed Net Constraint ((All))	0			
Un-Routed Net Constraint ((All))	0			
Modified Polygon (Allow modified: No), (Allow shelved: No)	0			
Width Constraint (Min=0.16mm) (Max=30mm) (Preferred=4mm) (All)	0			
Power Plane Connect Rule(Direct Connect)(Expansion=0.508mm) (Conductor Width=0.254mm) (Air Gap=0.254mm)	0			
Hole Size Constraint (Min=0.3mm) (Max=6.3mm) (All)	0			
Hole To Hole Clearance (Gap=0.2mm) (All),(All)	0			
Minimum Solder Mask Sliver (Gap=0.02mm) (All),(All)	0			
Silk To Solder Mask (Clearance=0.2mm) (IsPad),(All)	0			
Silk to Silk (Clearance=0.15mm) (All),(All)	0			
Net Antennae (Tolerance=0mm) (All)	0			
Board Clearance Constraint (Gap=0mm) (All)	0			
Height Constraint (Min=0mm) (Max=25.4mm) (Prefered=12.7mm) (All)	0			
Total	0			

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