



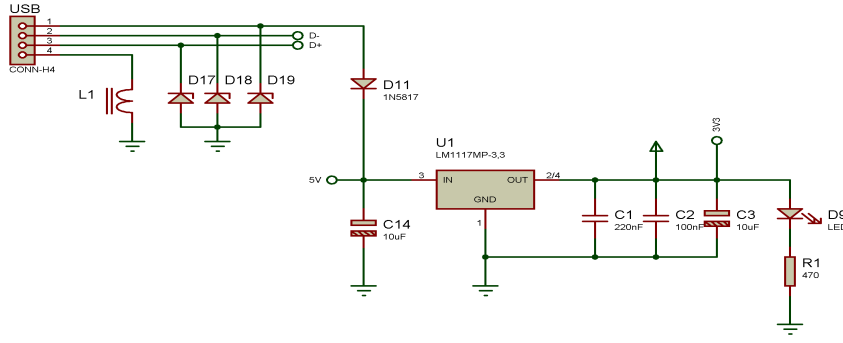
I I/B 800

Aslı Nur KOÇAŞ

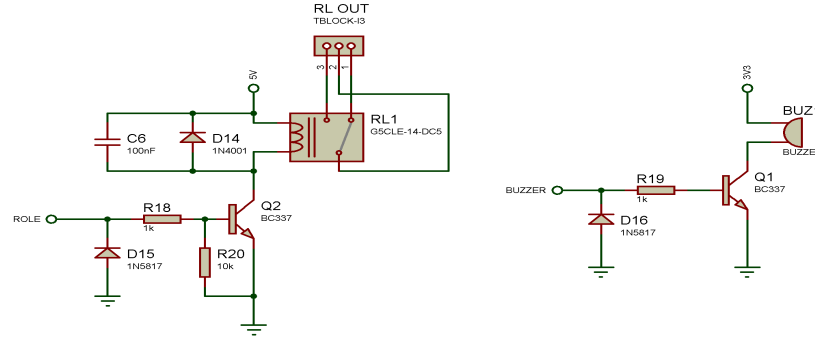
Nuvoton M03 IFB0AE Geliştirme Kartı tanıtım dokümanıdır.

Bu belge, geliştirdiğimiz kartın özelliklerini temel düzeyde gösteren bir dokümandır.

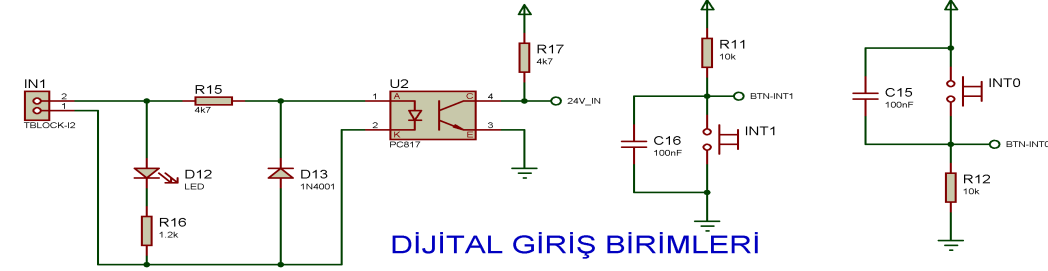
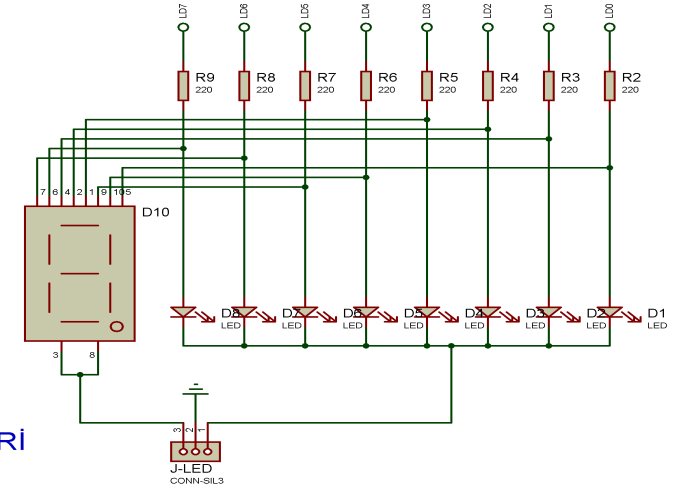
25.04.2023



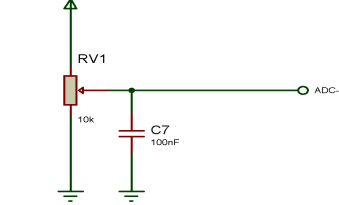
GÜÇ GİRİŞİ



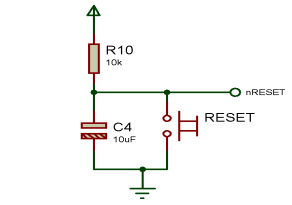
ÇIKIŞ BİRİMLERİ



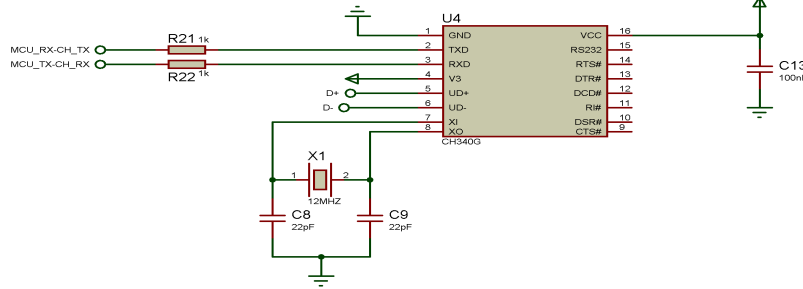
DİJİTAL GİRİŞ BİRİMLERİ



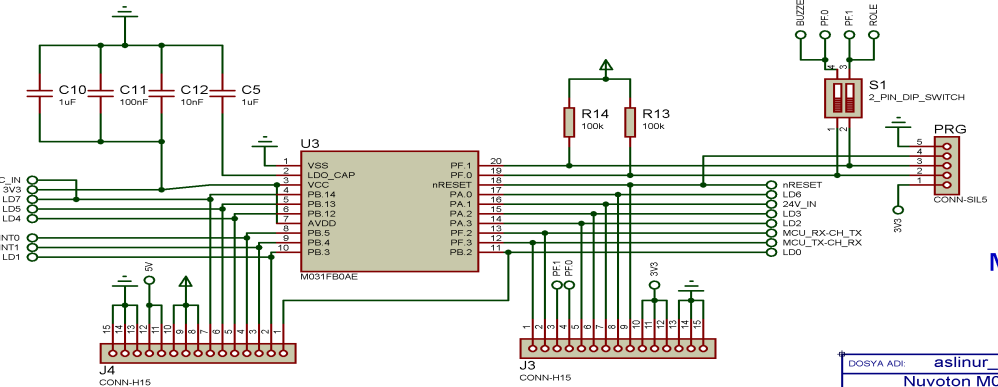
ANALOG TEST BİRİMLERİ



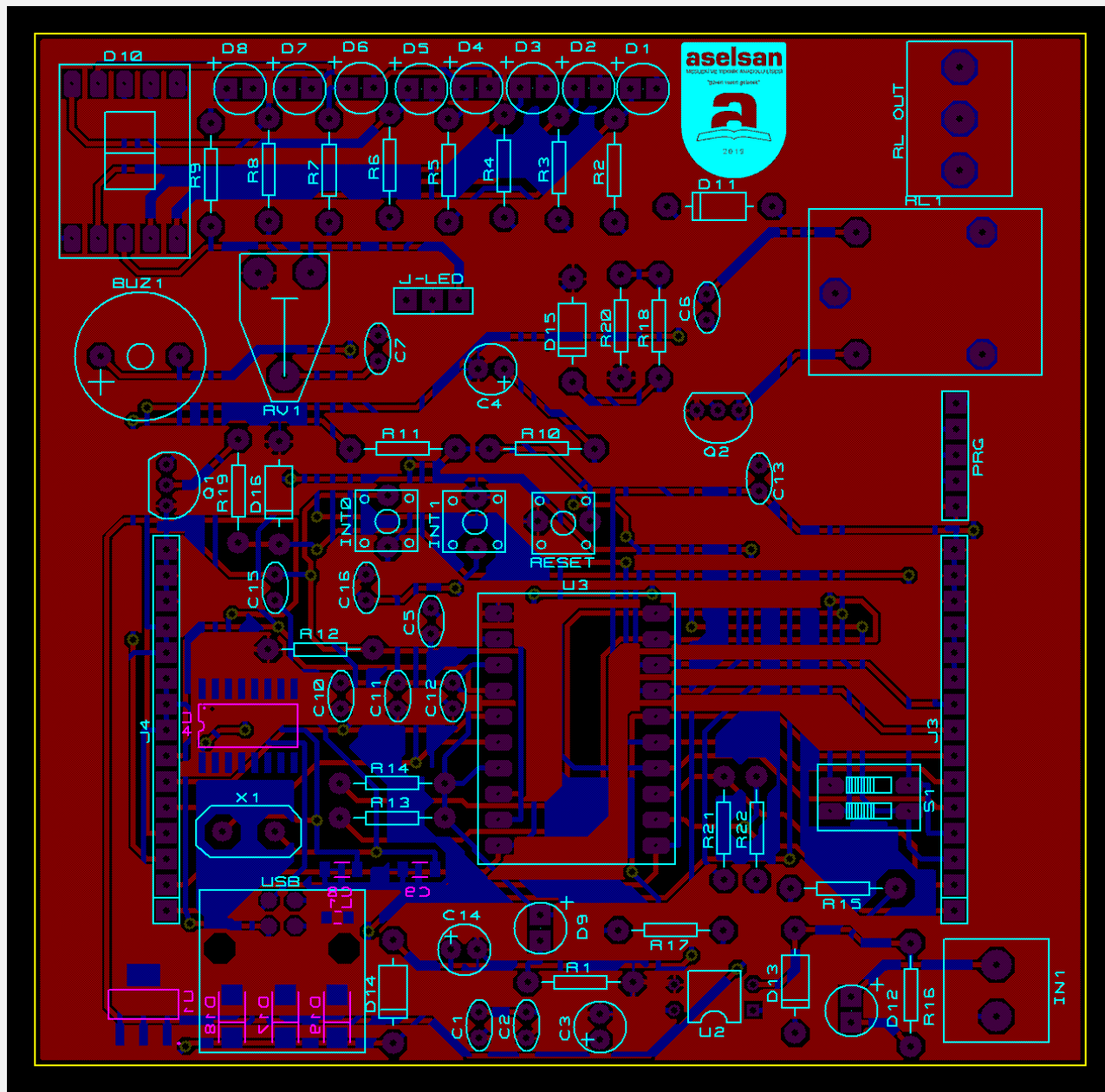
RESET DEVRESİ



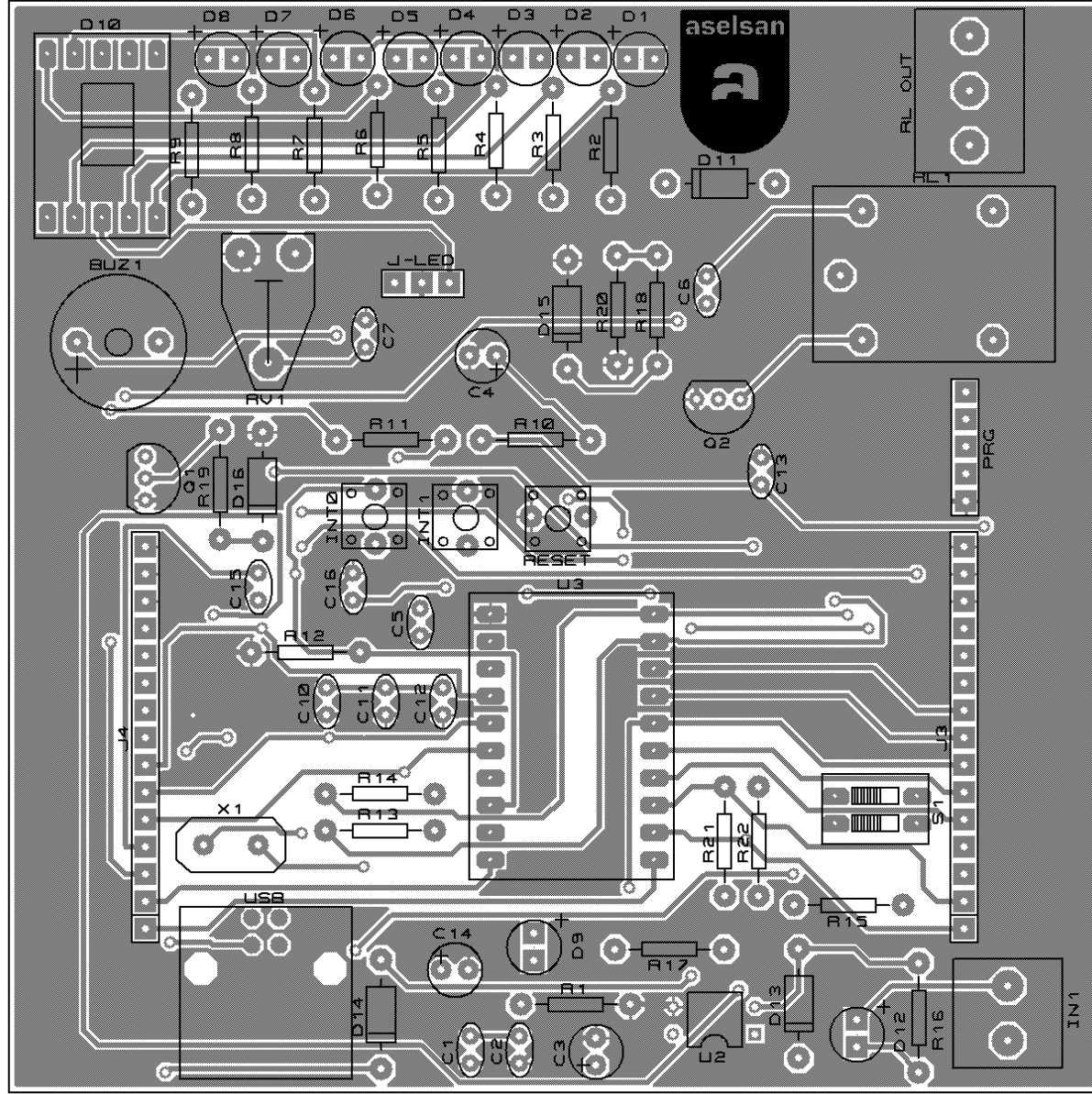
USB -> UART DÖNÜŞTÜRÜCÜ



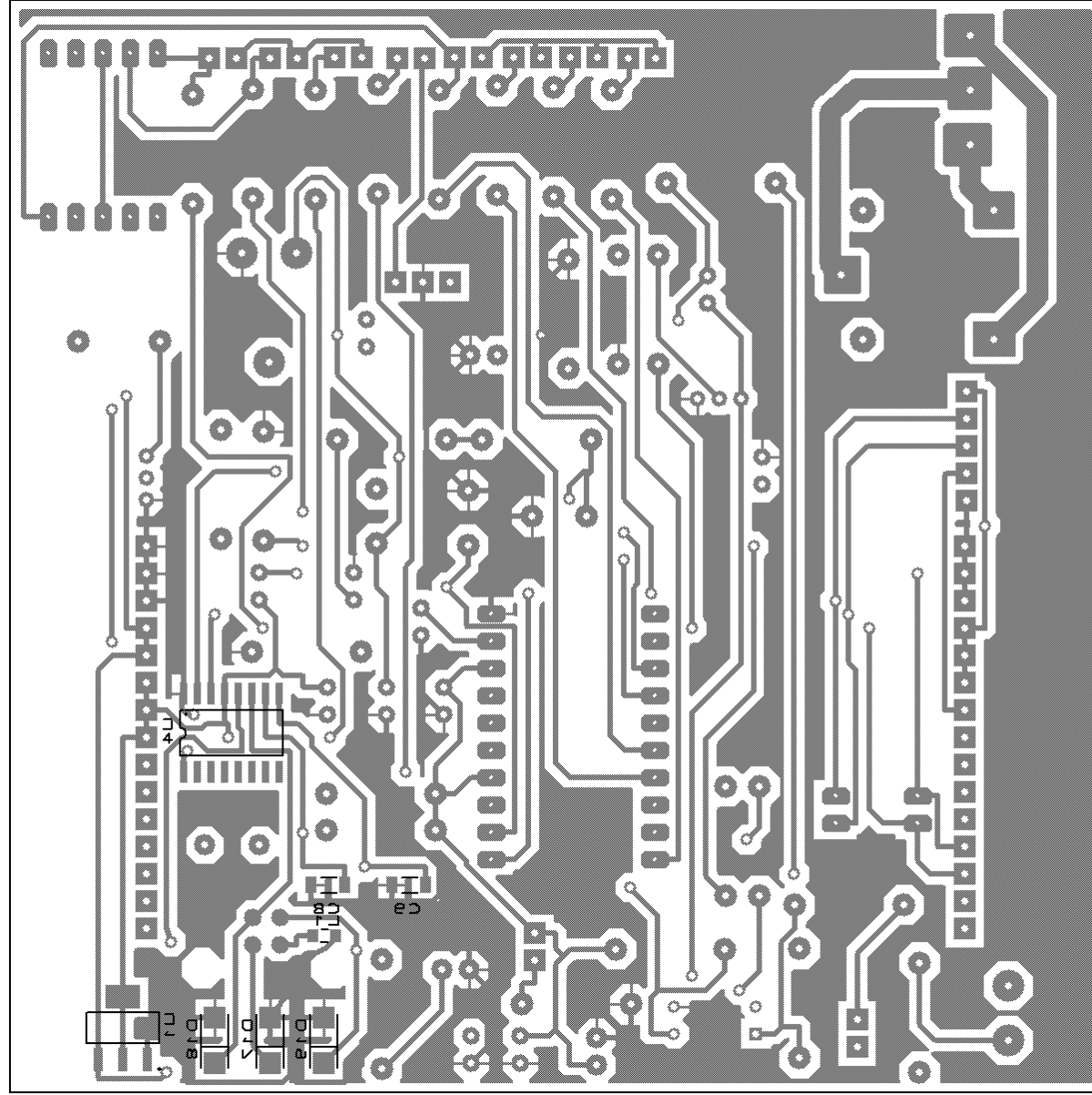
MCU BİRİMİ



GENEL BASKI DEVRE GÖRÜNÜŞÜ



ÜST KATMAN YERLEŞİM PLANI



ALT KATMAN YERLEŞİM PLANI

Bill Of Materials for aslinur kocas_11-b_800

Design Title aslinur_kocas_11-b_800
Author
Document Number
Revision
Design Created 25 Nisan 2023 Salı
Design Last Modified 25 Nisan 2023 Salı
Total Parts In Design 79

0 Modules

Quantity	References	Value	Stock Code	Unit Cost
Sub-totals:				
€0,00				

16 Capacitors

Quantity	References	Value	Stock Code	Unit Cost
1	C1	220nF		
7	C2,C6-C7,C11,C13,C15-C16	100nF		
3	C3-C4,C14	10uF		
2	C5,C10	1uF		
2	C8-C9	22pF		
1	C12	10nF		

Sub-totals: €0,00

22 Resistors

Quantity	References	Value	Stock Code	Unit Cost
1	R1	470		
8	R2-R9	220		
4	R10-R12,R20	10k		
2	R13-R14	100k		
2	R15,R17	4k7		
1	R16	1.2k		
4	R18-R19,R21-R22	1k		

Sub-totals: €0,00

4 Integrated Circuits

Quantity	References	Value	Stock Code	Unit Cost
1	U1	LM1117MP-3,3		
1	U2	PC817		
1	U3	M031FB0AE		
1	U4	CH340G		

Sub-totals: €0,00

2 Transistors

Quantity	References	Value	Stock Code	Unit Cost
2	Q1-Q2	BC337		

Sub-totals: €0,00

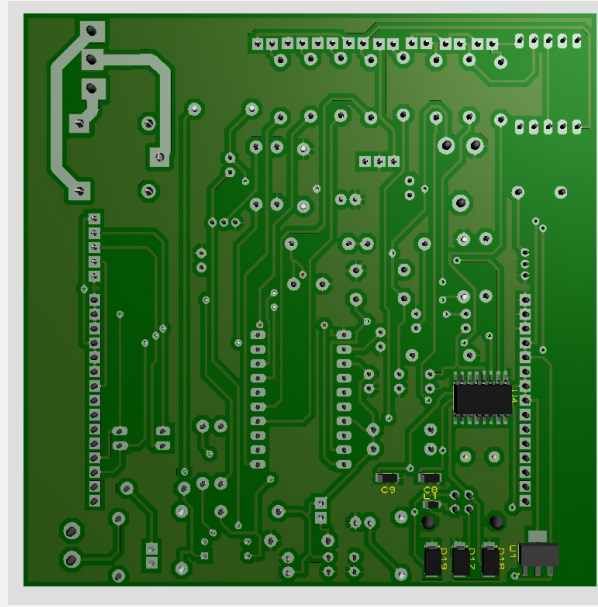
19 Diodes

Quantity	References	Value	Stock Code	Unit Cost
10	D1-D8,D12	LED		
4	D10,D17-D19			
3	D11,D15-D16	1N5817		
2	D13-D14	1N4001		

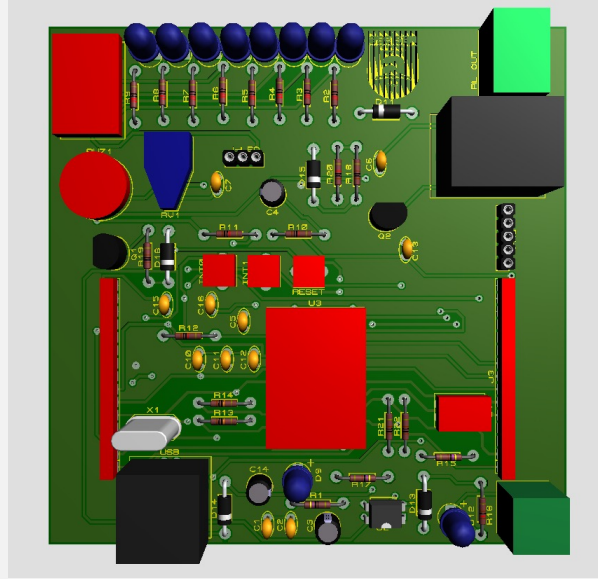
Sub-totals: €0,00

16 Miscellaneous

Quantity	References	Value	Stock Code	Unit Cost
1	BUZ1	BUZZER		
1	IN1	TBLOCK-I2		
4	INT0-INT1,L1,RESET			
2	J3-J4	CONN-H10		
1	JLED	CONN-SIL3		
1	PRG	CONN-SIL5		
1	RL1	G5GLE-14-DC5		
1	RL OUT	TBLOCK-I3		
1	HV1	10k		
1	S1	2_PIN_DIP_SWITCH11		
1	USP1	CONN-H4		
1	X1	12MHZ		



ALT KATMAN 3D GÖRÜNTÜ



ÜST KATMAN 3D GÖRÜNTÜ