YILDIRIM HAN DURSUN 11-B/58
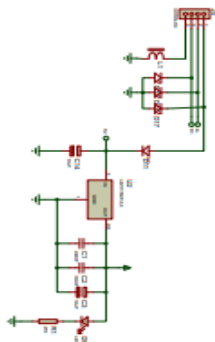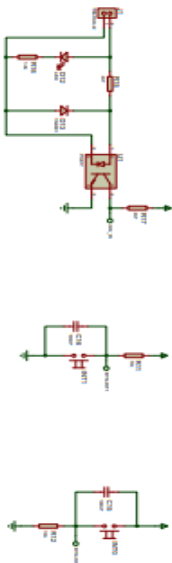
Mikrodenetleyici dersi
Nuvoton deney kartı dokümanı
17.04.2023

USB -> UART DÖNÜŞTÜRÜCÜ

DİJİTAL GİRİŞ BİRİMLERİ
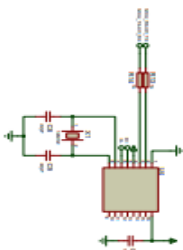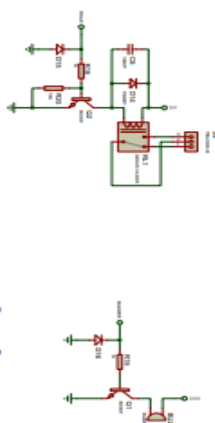
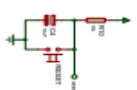# GÜÇ GİRİŞİ

ANALOG TEST BİRİMİ

ÇIKIŞ BİRİMLERİ

MCU BİRİMİ

RESET DEVRESİ
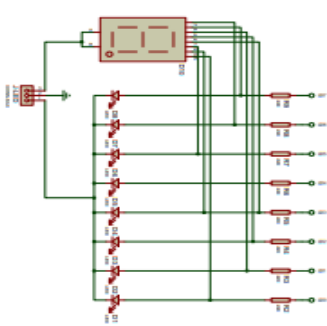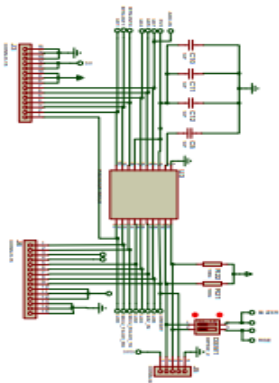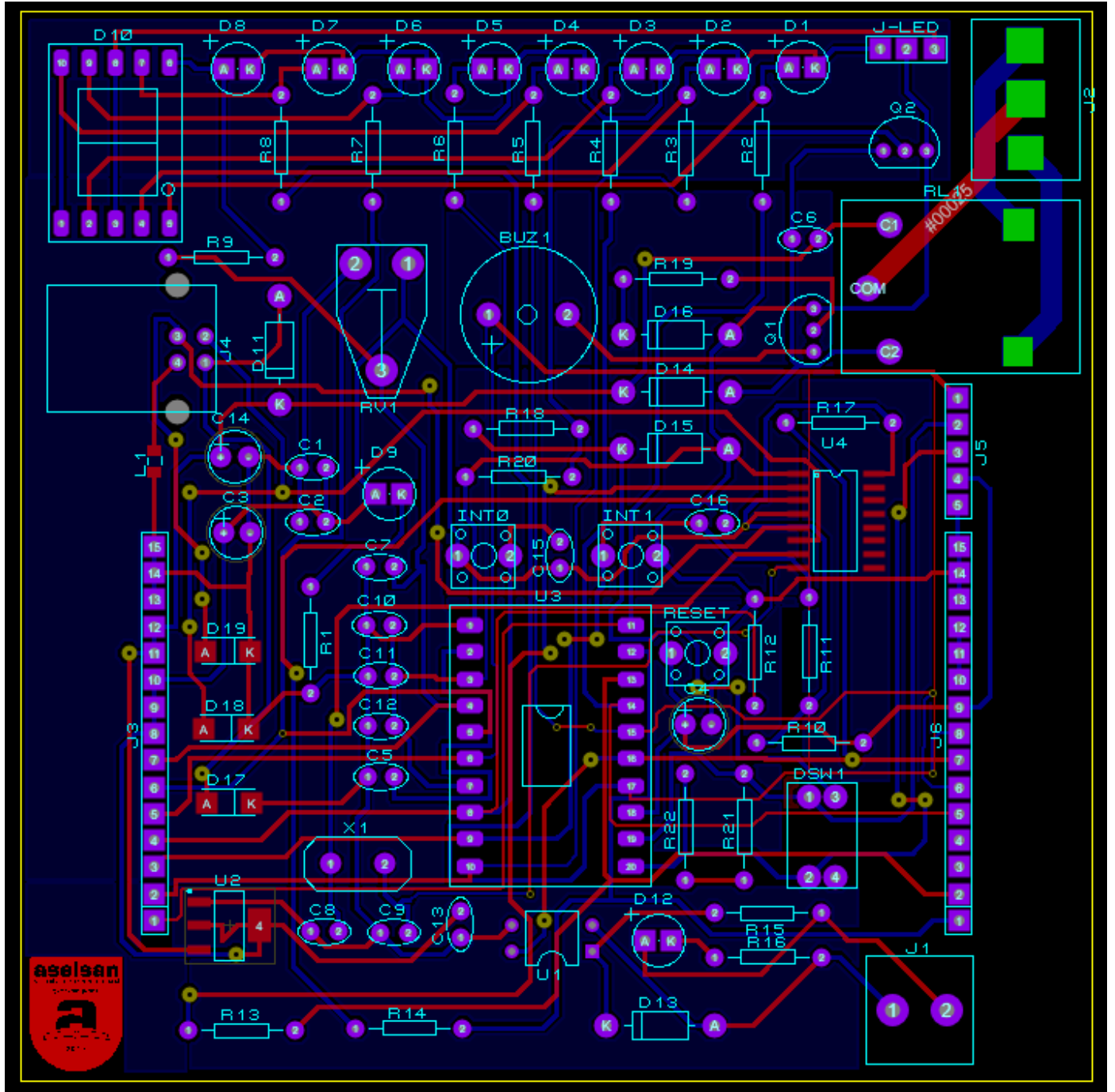
GENEL BASKI DEVRE GÖRÜNÜMÜ
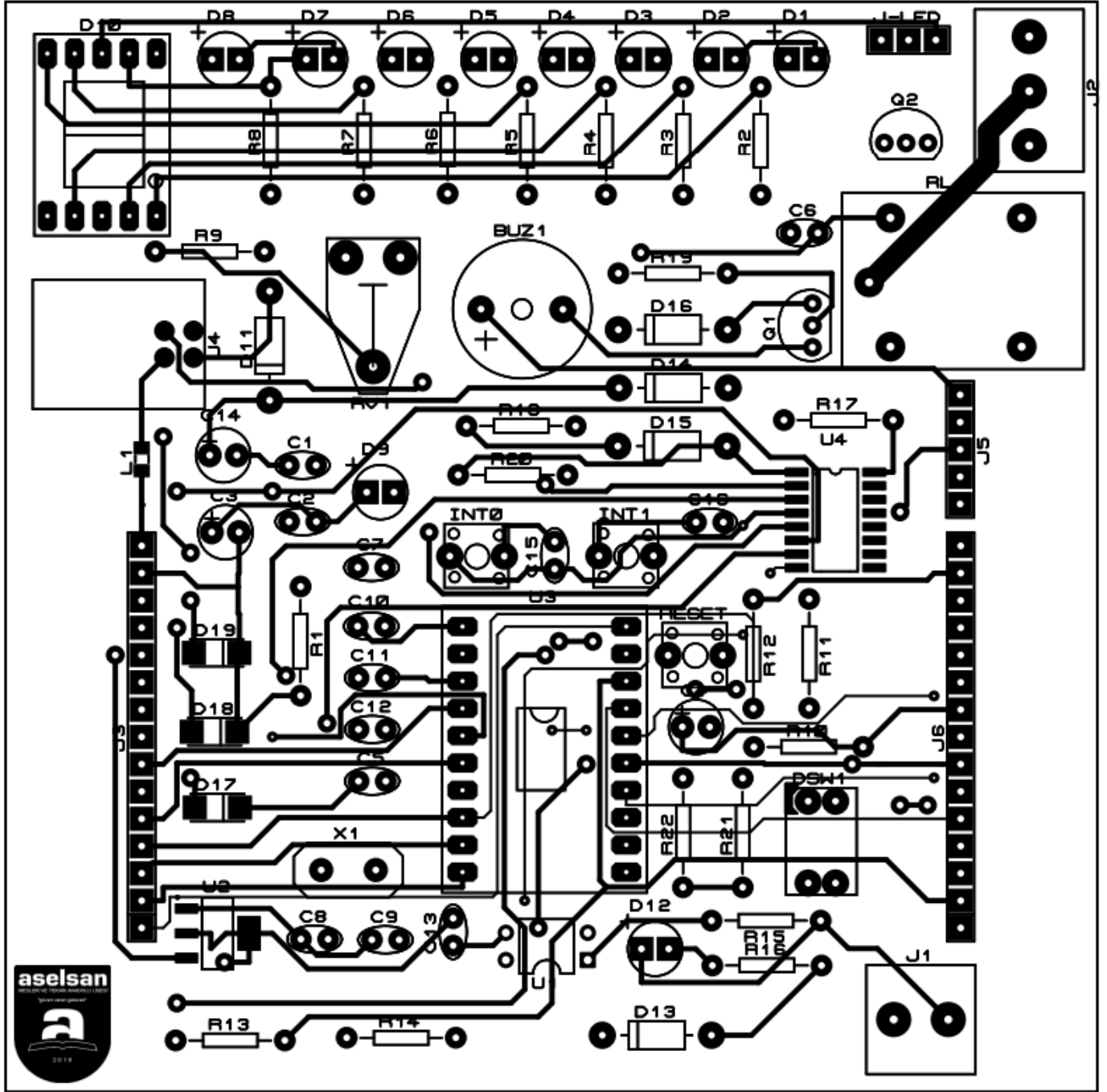
ÜST KATMAN YERLEŞİM PLANI

ALT KATMAN YERLEŞİM PLANI

Bill Of Materials for nuvotonyildirim58

Design Title nuvotonyildirim58
Author
Document Number
Revision
Design Created 16 Nisan 2023 Pazar
Design Last Modified 16 Nisan 2023 Pazar
Total Parts In Design 79

0 Modules

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

16 Capacitors

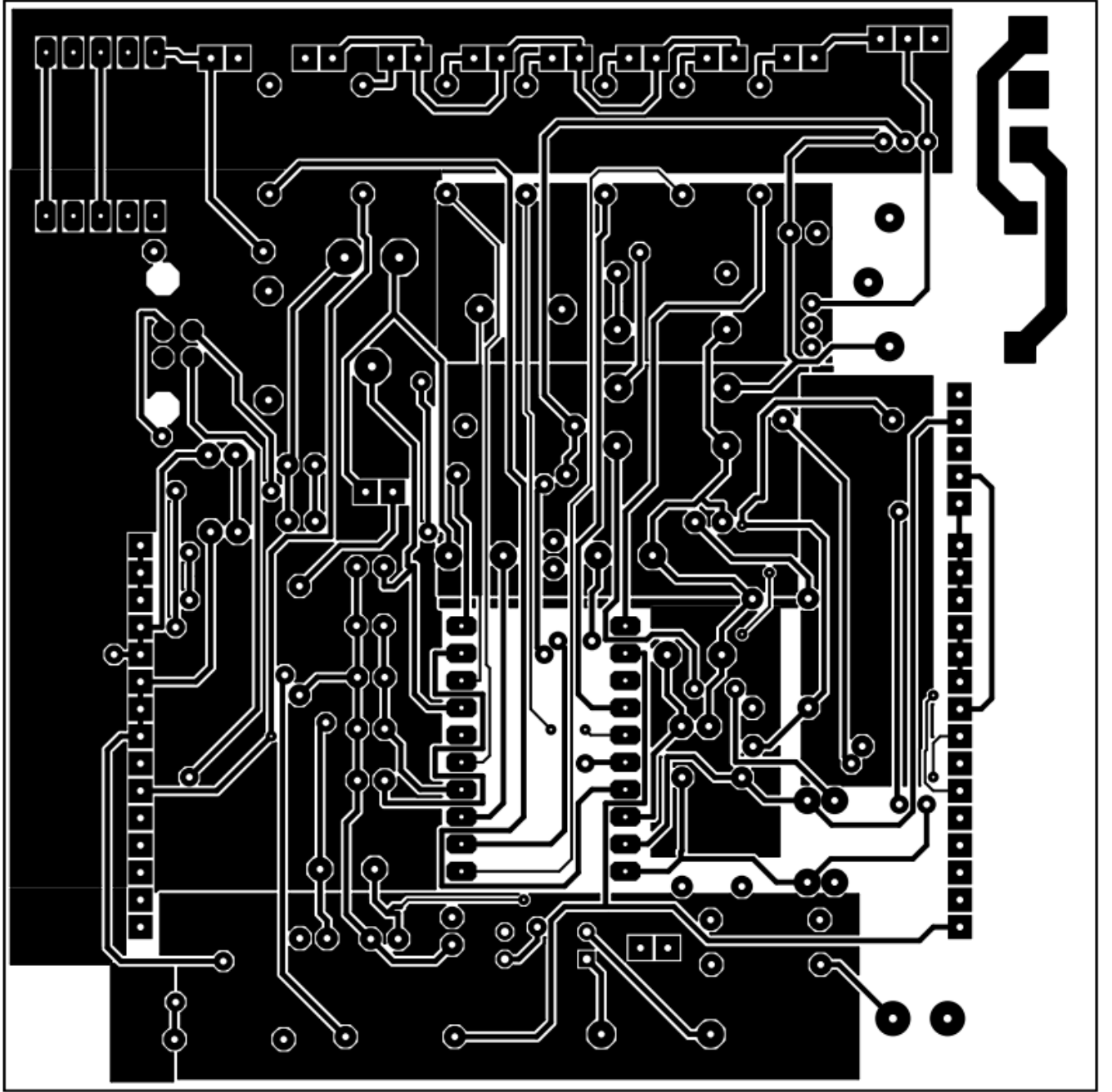| Quantity	References	Value	Stock Code	Unit Cost
1	C1	220nF		
6	C2,C6-C7,C13,C15-C16	100nF		
3	C3-C4,C14	10uF		
4	C5,C10-C12	1nF		
2	C8-C9	22pF		
Sub-totals:				₺0,00

22 Resistors

Quantity	References	Value	Stock Code	Unit Cost
1	R1	470		
8	R2-R9	220		
4	R10-R12,R20	10k		
4	R13-R14,R18-R19	1k		
2	R15,R17	4k7		
1	R16	1.2k		
2	R21-R22	100k		
Sub-totals:				₺0,00

4 Integrated Circuits

Quantity	References	Value	Stock Code	Unit Cost
1	U1	PC817		
1	U2	LM1117MP-3,3		
2	U3-U4			
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-D9,D12	LED		
7	D10-D11,D15-D19			
2	D13-D14	1N4001		
Sub-totals:				₺0,00

16 Miscellaneous

Quantity	References	Value	Stock Code	Unit Cost
1	BUZ1	BUZZER		
1	DSW1	DIPSW_2		
4	INT0-INT1,L1,RESET			
1	J1	TBLOCK-I2		
1	J2	TBLOCK-I3		
2	J3,J6	CONN-H-15		

1	J4	CONN-H4	
1	J5	CONN-SIL5	
1	J-LED	CONN-SIL3	
1	RL1	G5CLE-14-DC5	
1	RV1	10k	
1	X1	12MHZ	
Sub-totals:			₺0,00
Totals:			₺0,00
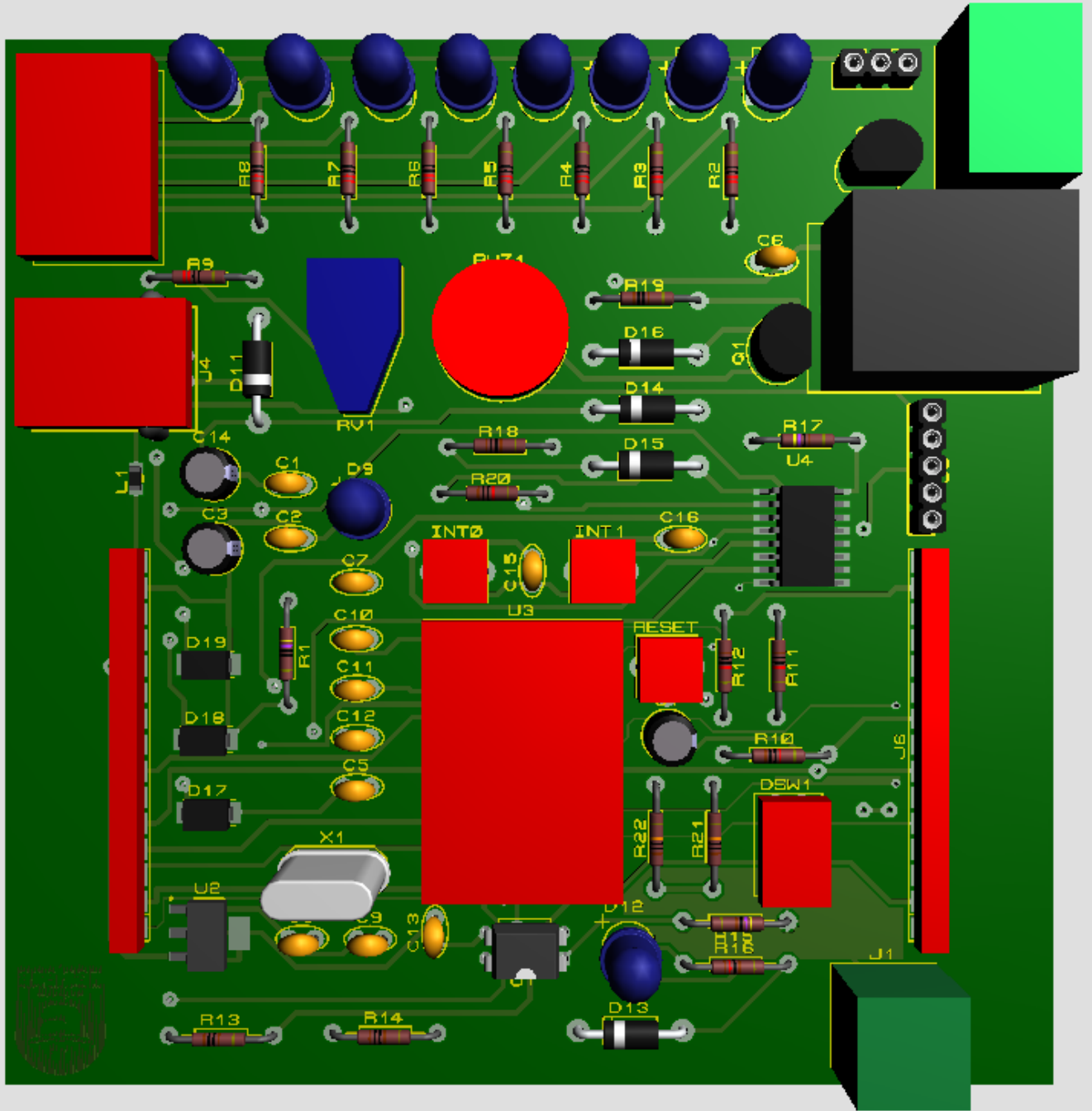
ÜST KATMAN 3D GÖRÜNTÜ

ALT KATMAN 3D GÖRÜNTÜ