

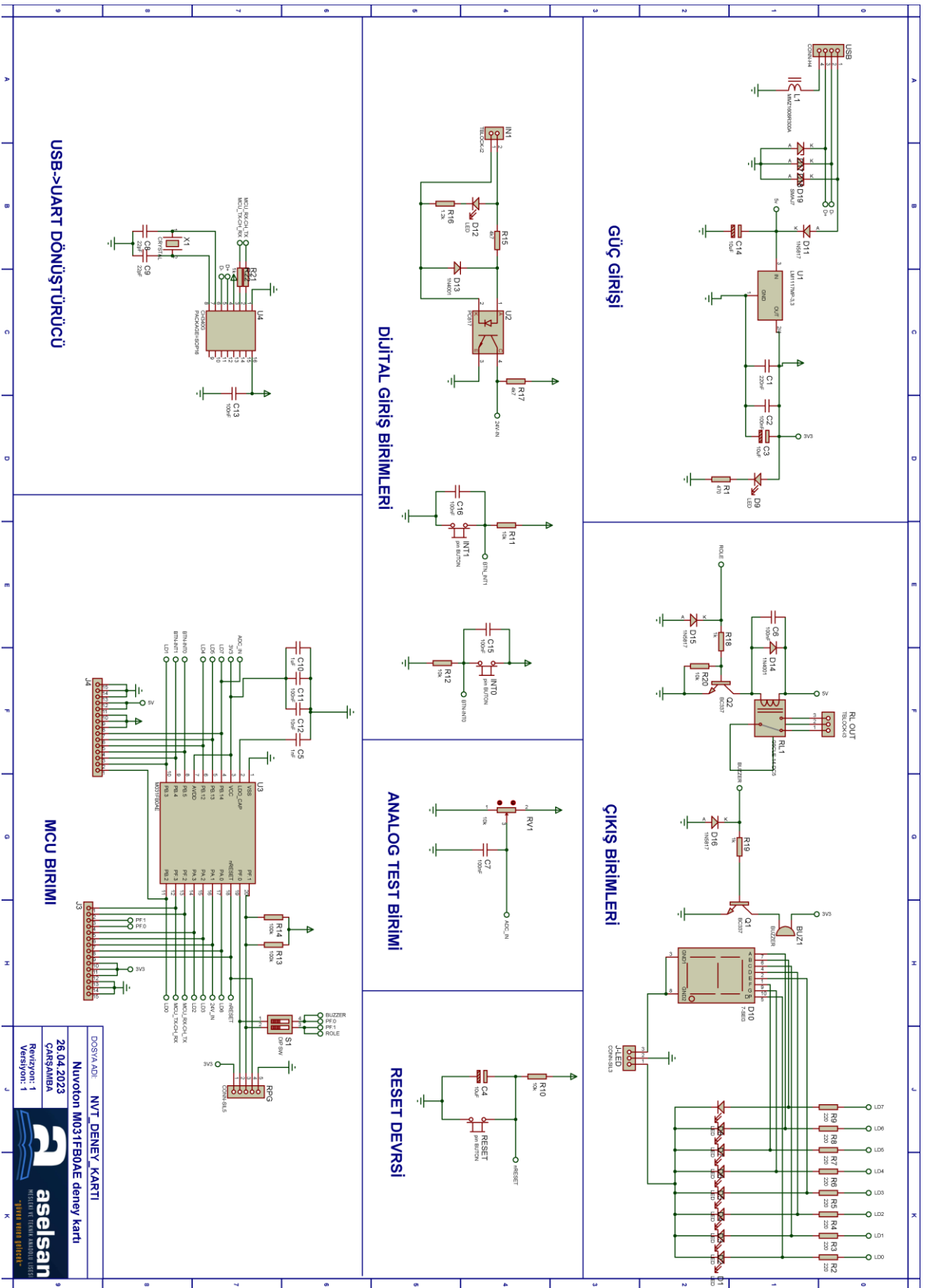


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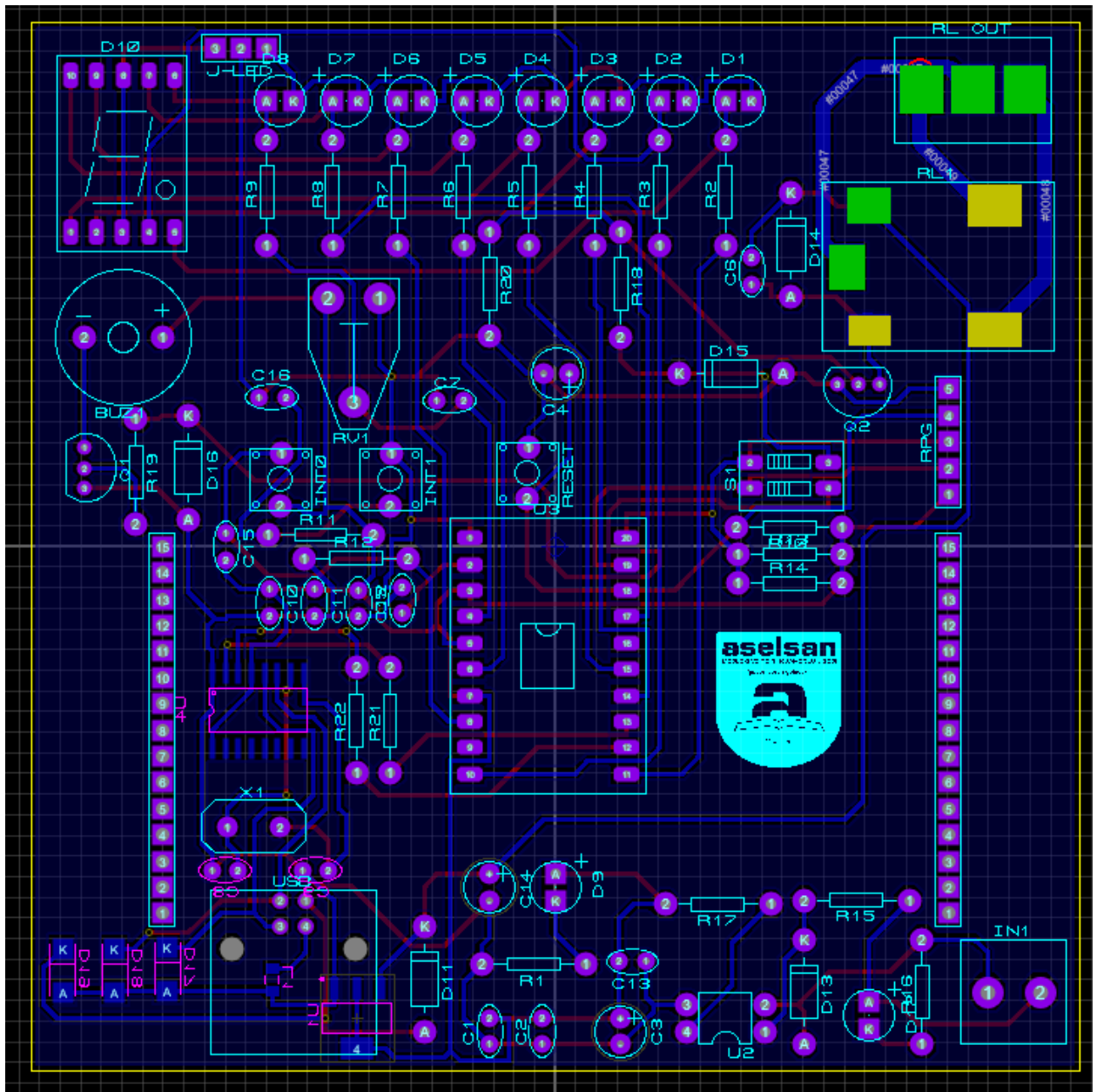
## Batın Abiř

*NUVOTON M031FB0AE KARTI TANITIM DÖKÜMANI.*

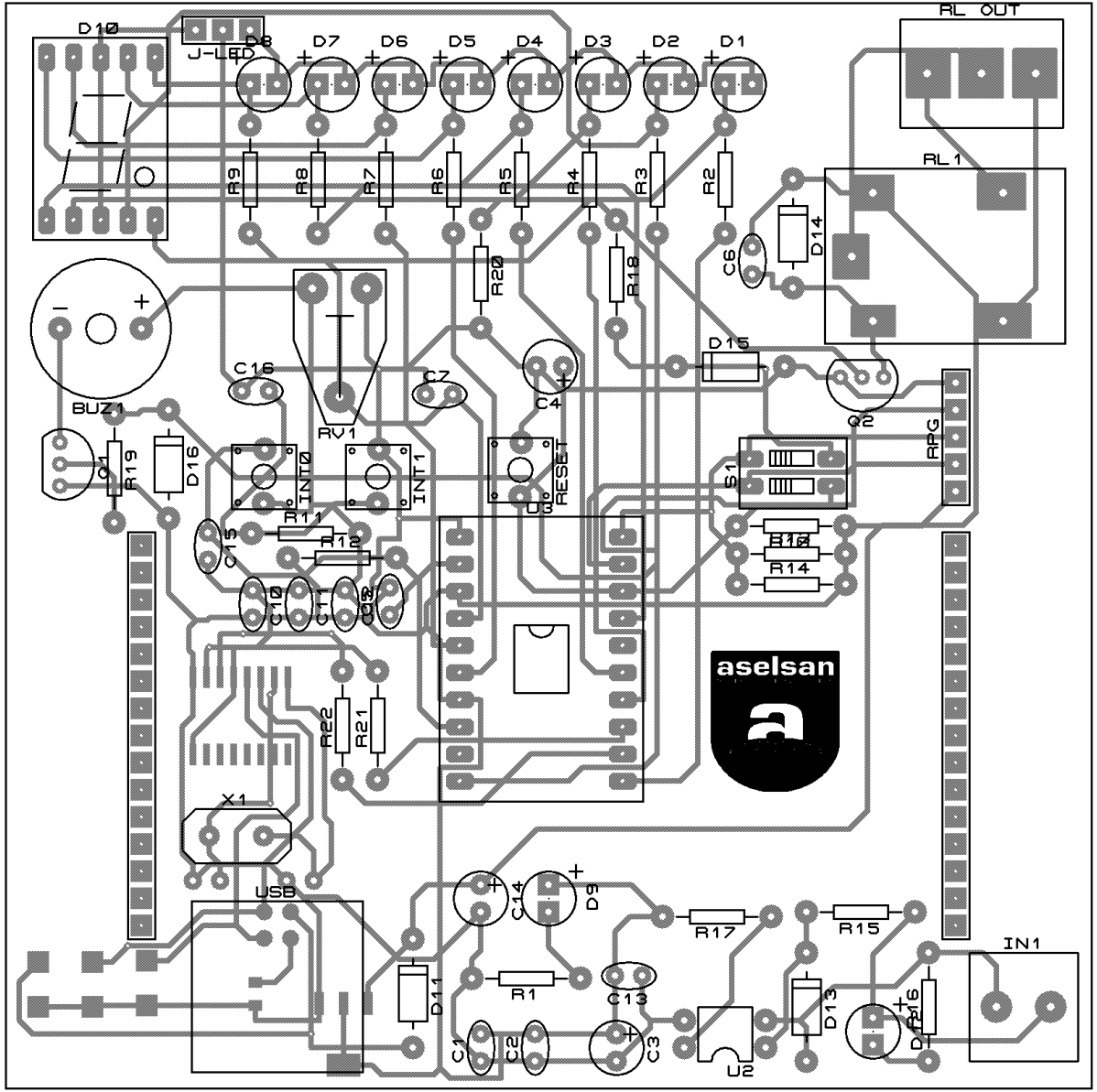
*BU BELGE KART İLE İLGİLİ TEMEL OZELLİKLERİ GÖSTERMEKTEDİR.*



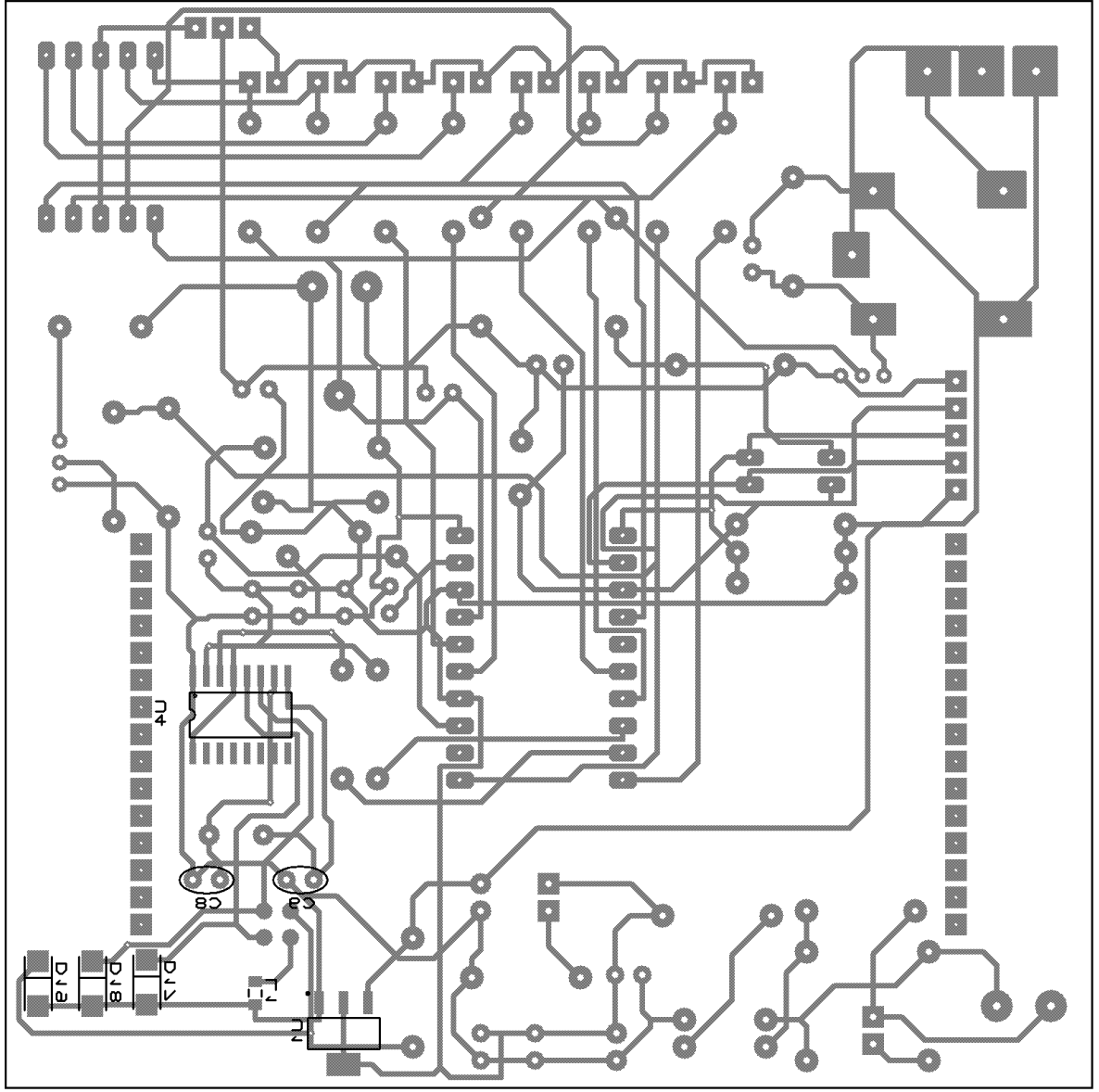
**NUVOTON DENEY KARTININ DEVRE ŞEMASI**



NUVOTON DENEY KARTININ ARESTEKİ GÖRÜNTÜSÜ



NUVOTON DENEY KARTININ ÜST KATMAN YERLEŞİM PLANI



**NUVOTON DENEY KARTININ ALT KATMAN YERLEŞİM PLANI**

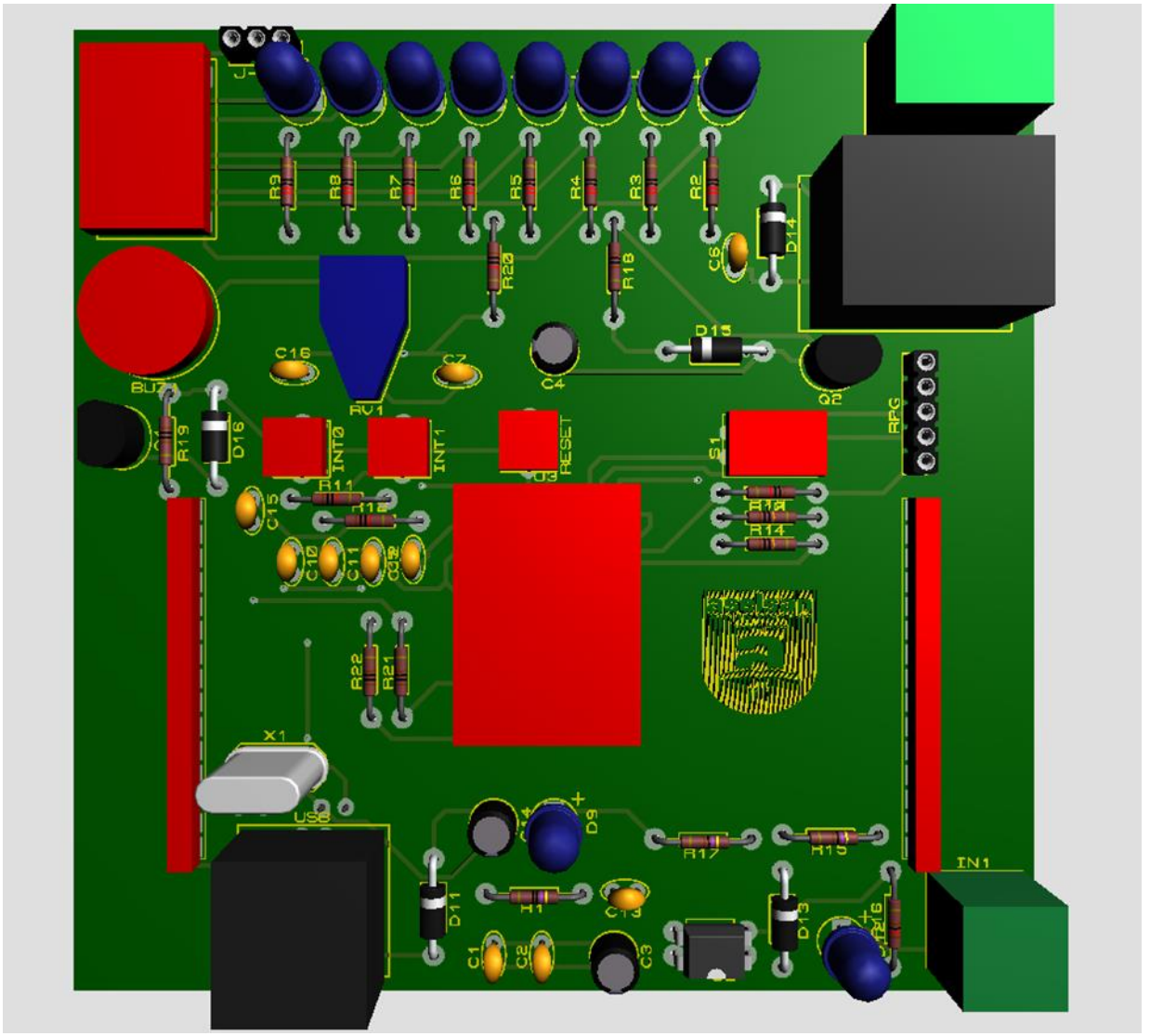
## Bill Of Materials for Nvt-Deney-Kart

**Design Title** Nvt-Deney-Kart  
**Author**  
**Document Number**  
**Revision**  
**Design Created** 2 Mart 2023 Perşembe  
**Design Last Modified** 25 Nisan 2023 Salı  
**Total Parts In Design** 79

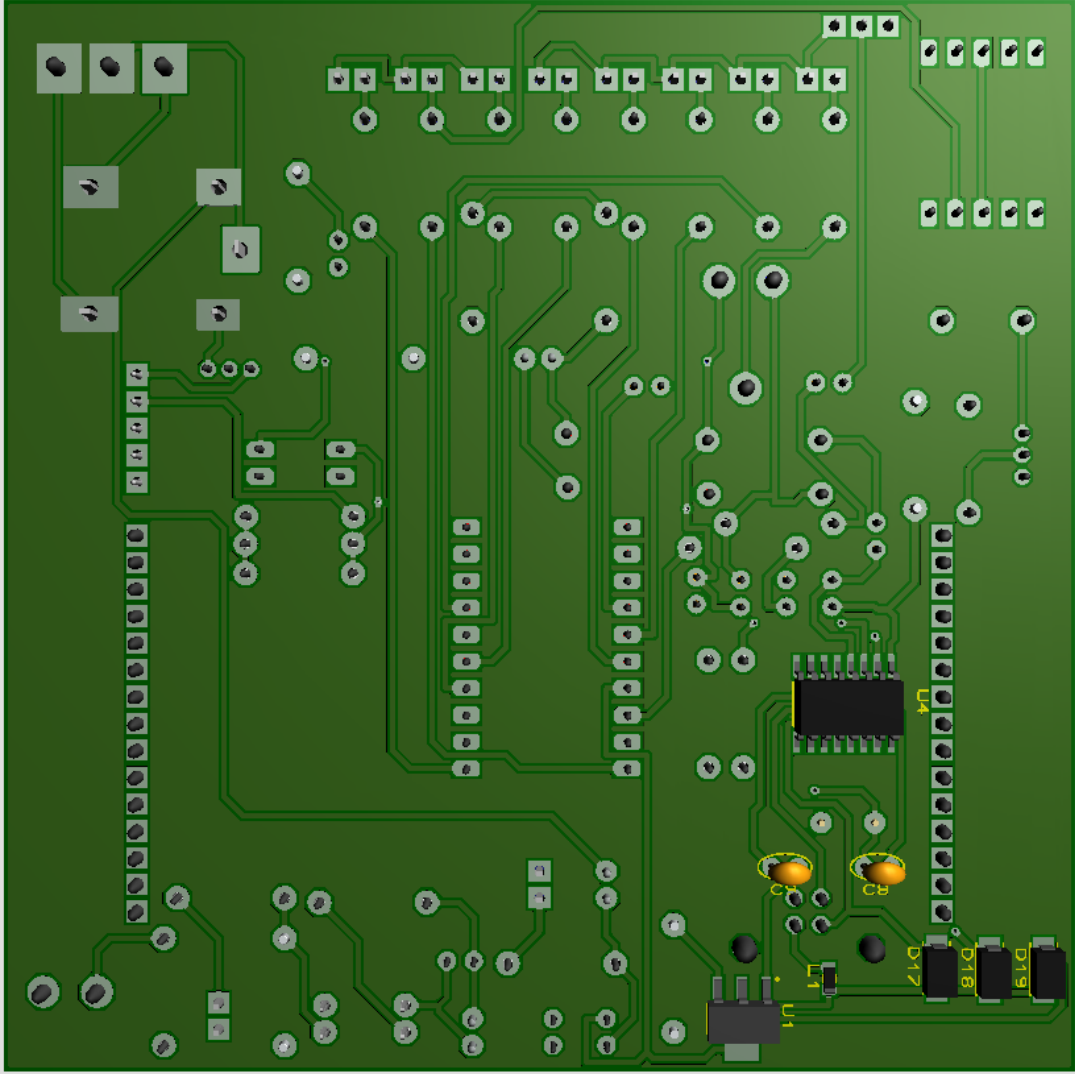
0 Modules				
Quantity	References	Value	Stock Code	Unit Cost
Sub-totals:				₺0,00
16 Capacitors				
Quantity	References	Value	Stock Code	Unit Cost
1	C1	220nF		
7	C2,C6-C7,C11,C13,C15-C16	100nF		
3	C3-C4,C14	10uF		
1	C5	1nF		
2	C8-C9	22pF		
1	C10	1uF		
1	C12	10nF		
Sub-totals:				₺0,00
22 Resistors				
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-D9,D12	LED		
1	D10	7-SEG		
3	D11,D15-D16	1N5817		
2	D13-D14	1N4001		
2	D17-D18			
1	D19	SMAJ7		
Sub-totals:				₺0,00
16 Miscellaneous				
Quantity	References	Value	Stock Code	Unit Cost
1	BUZ1	BUZZER		
1	IN1	TBLOCK-I2		
3	INT0-INT1,RESET	pin BUTON		
2	J3-J4			
1	J-LED	CONN-SIL3		
1	L1	MMZ1608R300A		
1	RL1	G5CLE-14-DC5		
1	RL OUT	TBLOCK-I3		
1	RPG	CONN-SIL5		
1	RV1	10k		
1	S1	DIP SW		
1	USB	CONN-H4		
1	X1	CRYSTAL		
Sub-totals:				₺0,00
Totals:				₺0,00

25 Nisan 2023 Salı 20:21:03

## NUVOTON DENEY KARTI MALZEME LİSTESİ



NUVOTON DENEY KARTI 3D ÜST KATMAN GÖRÜNÜMÜ



**NUVOTON DENEY KARTI 3D ALT KATMAN GÖRÜNÜMÜ**