



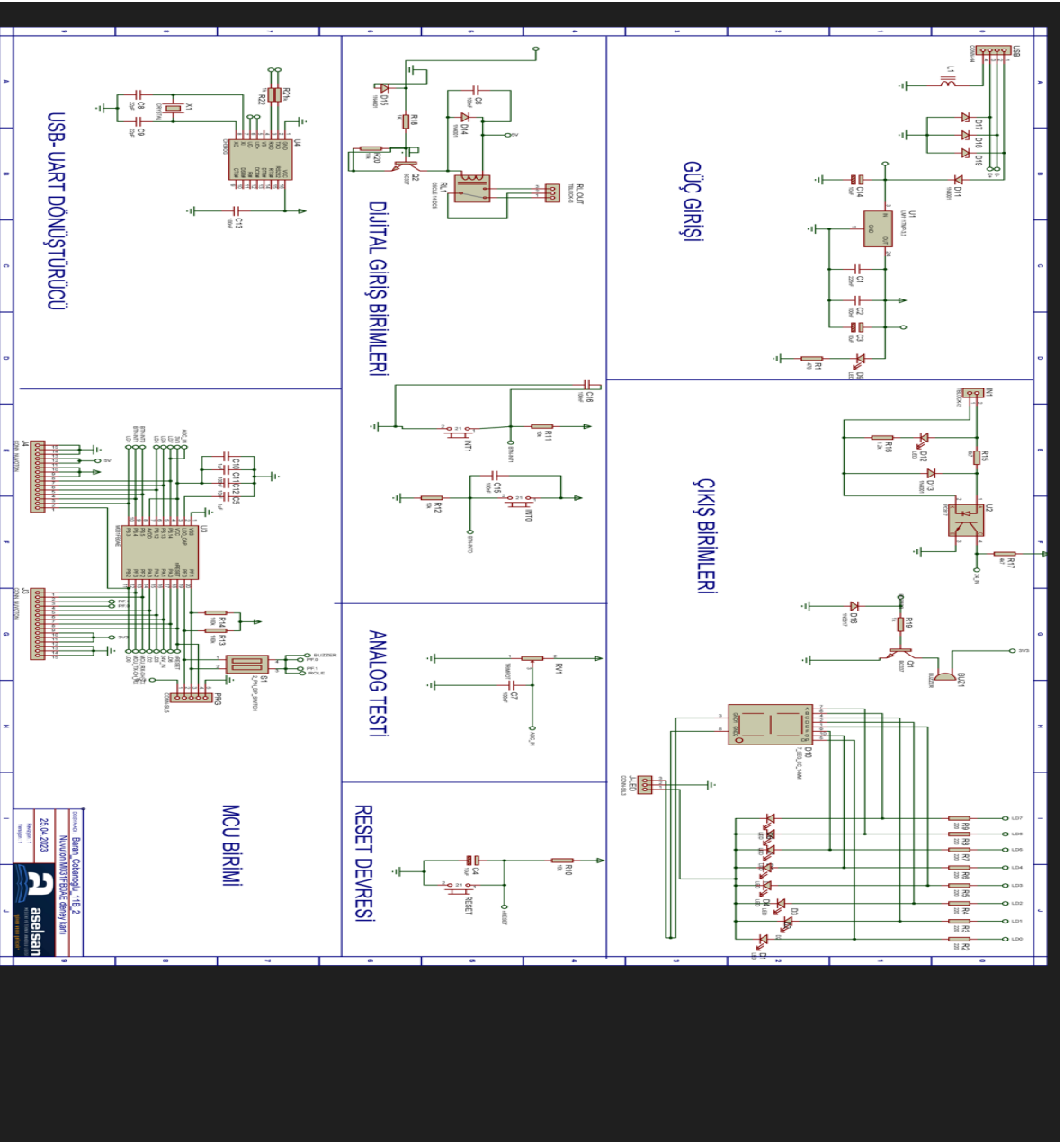
11/B - 2

BARAN ÇOBANOĞLU

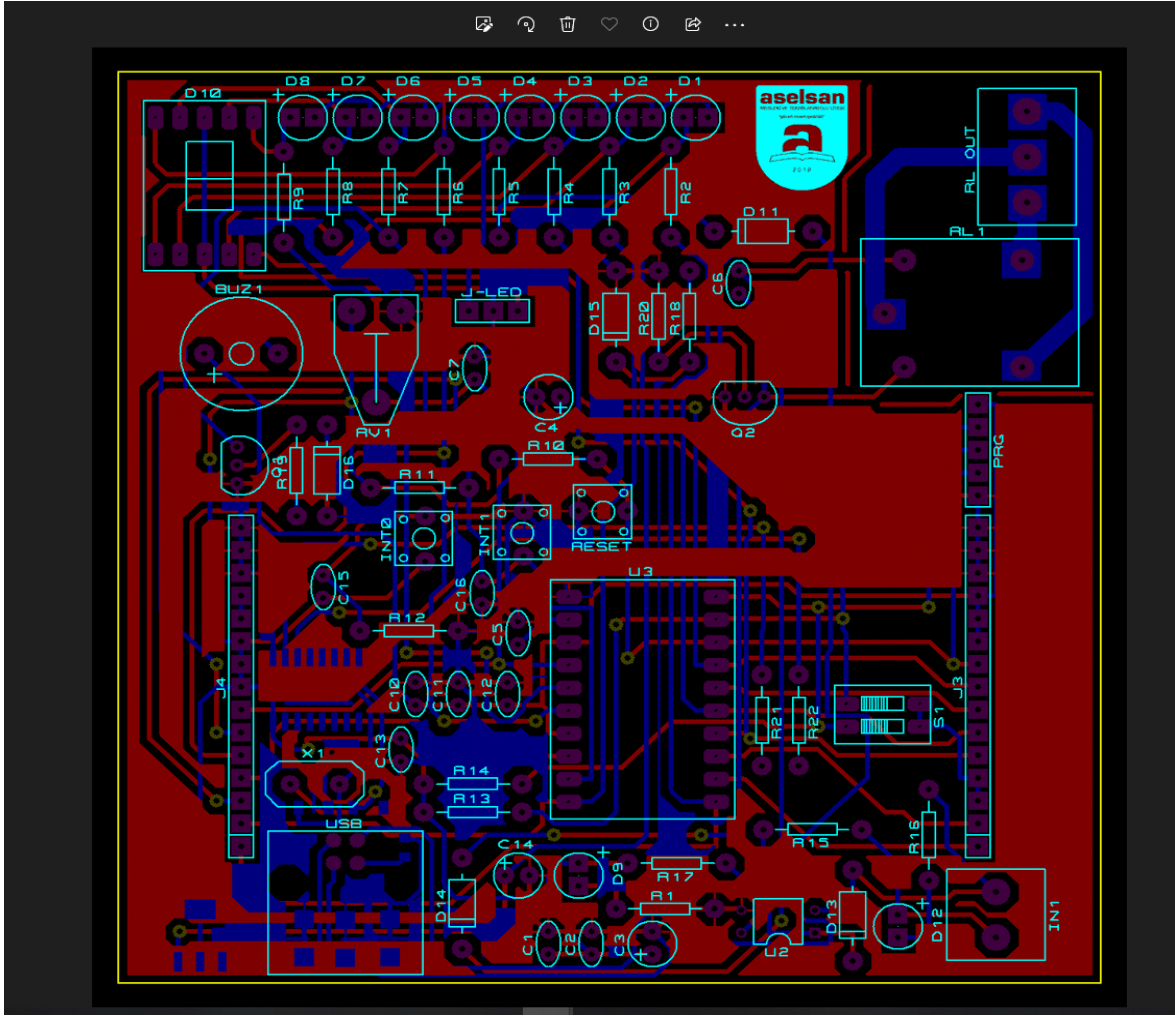
Nuvuton M031FB0AE Geliştirme kartı tanıtım dökümanıdır.

Bu belge geliştirdiğimiz kartın özelliklerini temel düzeyde gösteren bir dökümandır

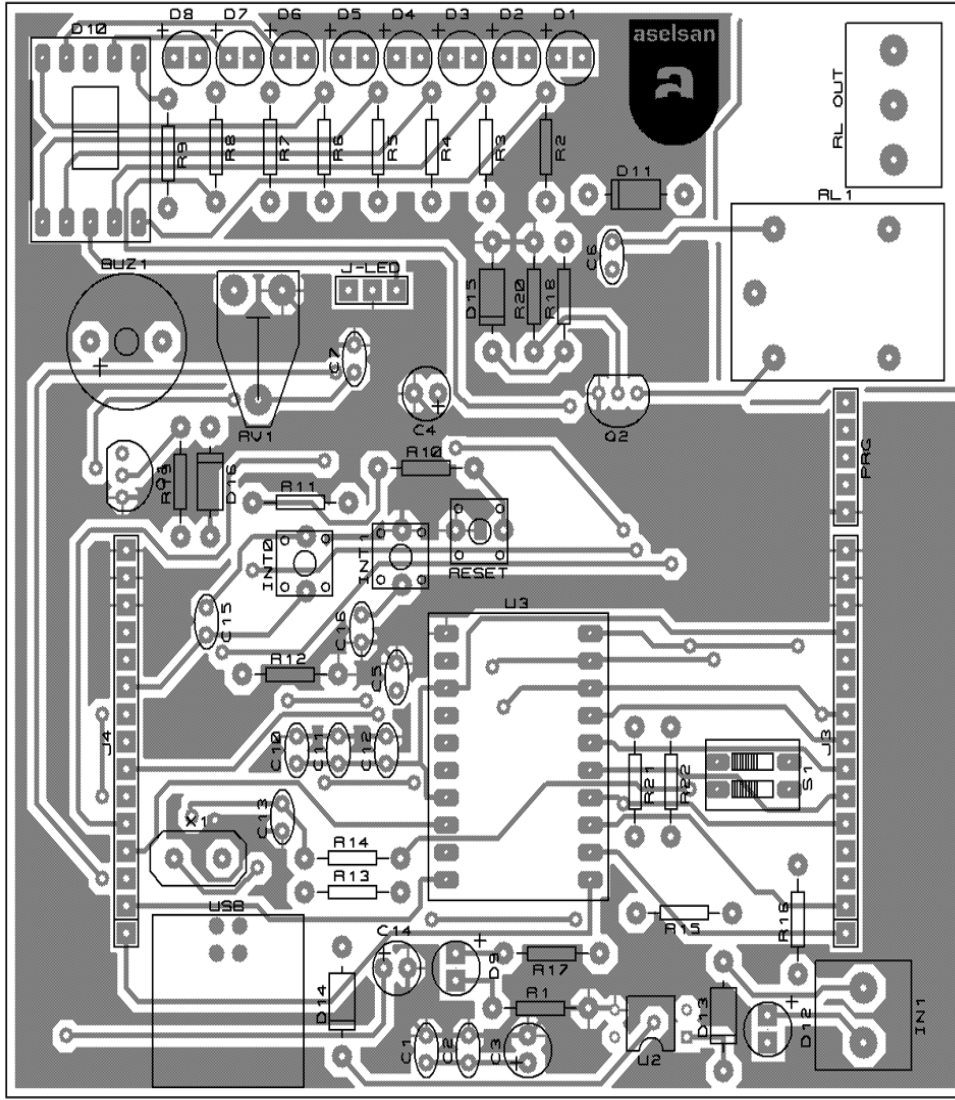
25.05.2023



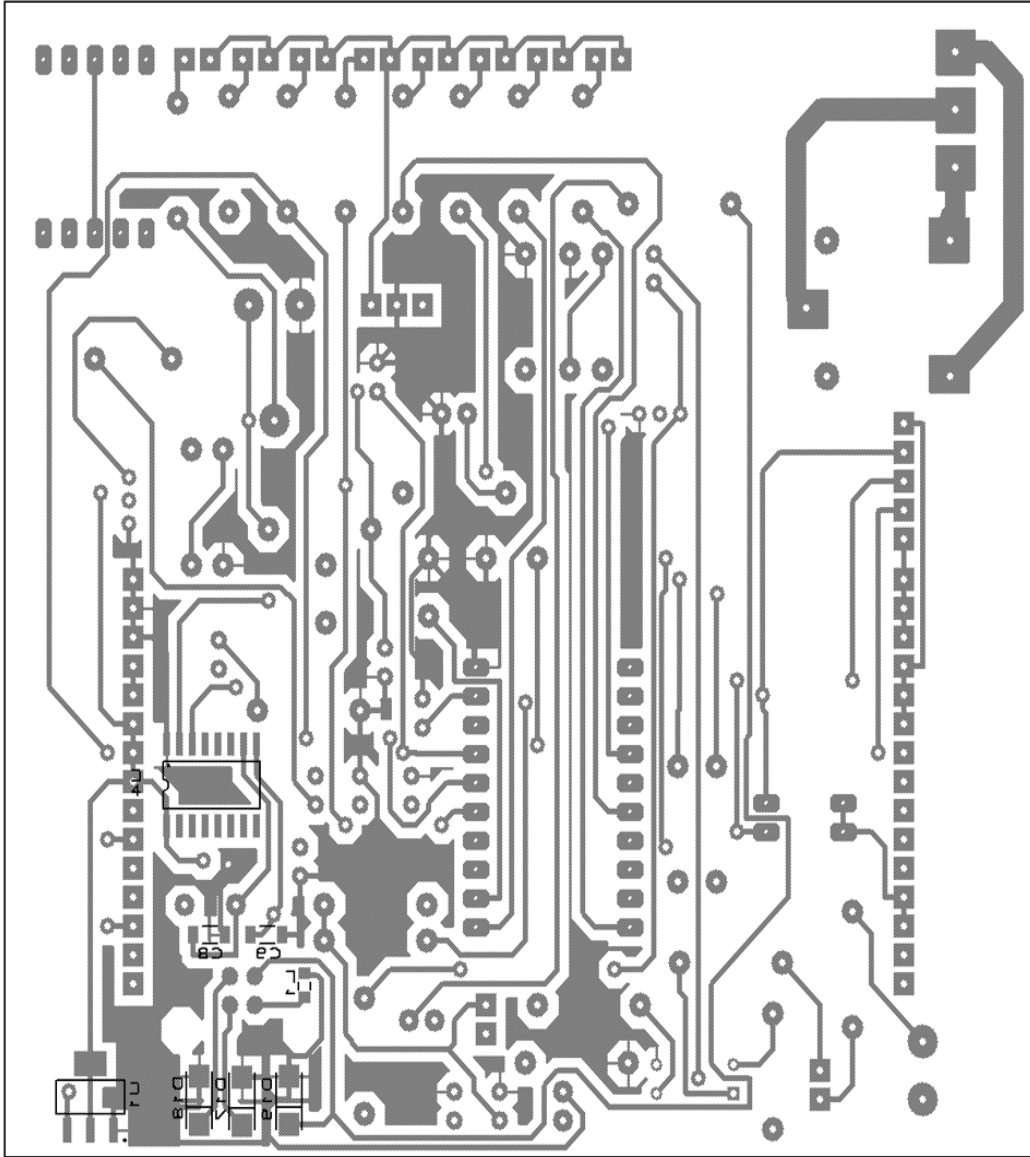
⇒ (Fotoğraf boyut yüzünden kaynaklanan bir sorun yüzünden SS yöntemi ile eklemek zorunda kaldım)



GENEL BASKI DEVRE GÖRÜNÜŞÜ



ÜST KATMAN YERLEŞİM PLANI



Alt katman yerleşim planı

Bill Of Materials for baran_cobanoglu_11-b_2

Design Title baran_cobanoglu_11-b_2
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		
1	R18	1K		
3	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
9	D1, D3-D9, D12	LED		
1	D2	D2		
1	D10	7_SEG_CC_14MM		
4	D11, D13-D15	1N4001		
1	D16	1N5817		
3	D17-D19			

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_NUVOTON		
1	J-LED	CONN-SIL3		
1	PRG	CONN-SIL5		
1	RL1	G5CLE-14-DC5		
1	RL OUT	TBLOCK-I3		
1	RV1	TRIMPOT		
1	S1	2_PIN_DIP_SWITCH		
1	USB	CONN-H4		
1	X1	CRYSTAL	RES038	

Sub-totals: €0,00

Totals: €0,00

