

[Tarih]



T.C. MİLLÎ EĞİTİM BAKANLIĞI  
ASELSAN MESLEKİ  
VE  
TEKNİK ANADOLU LİSESİ

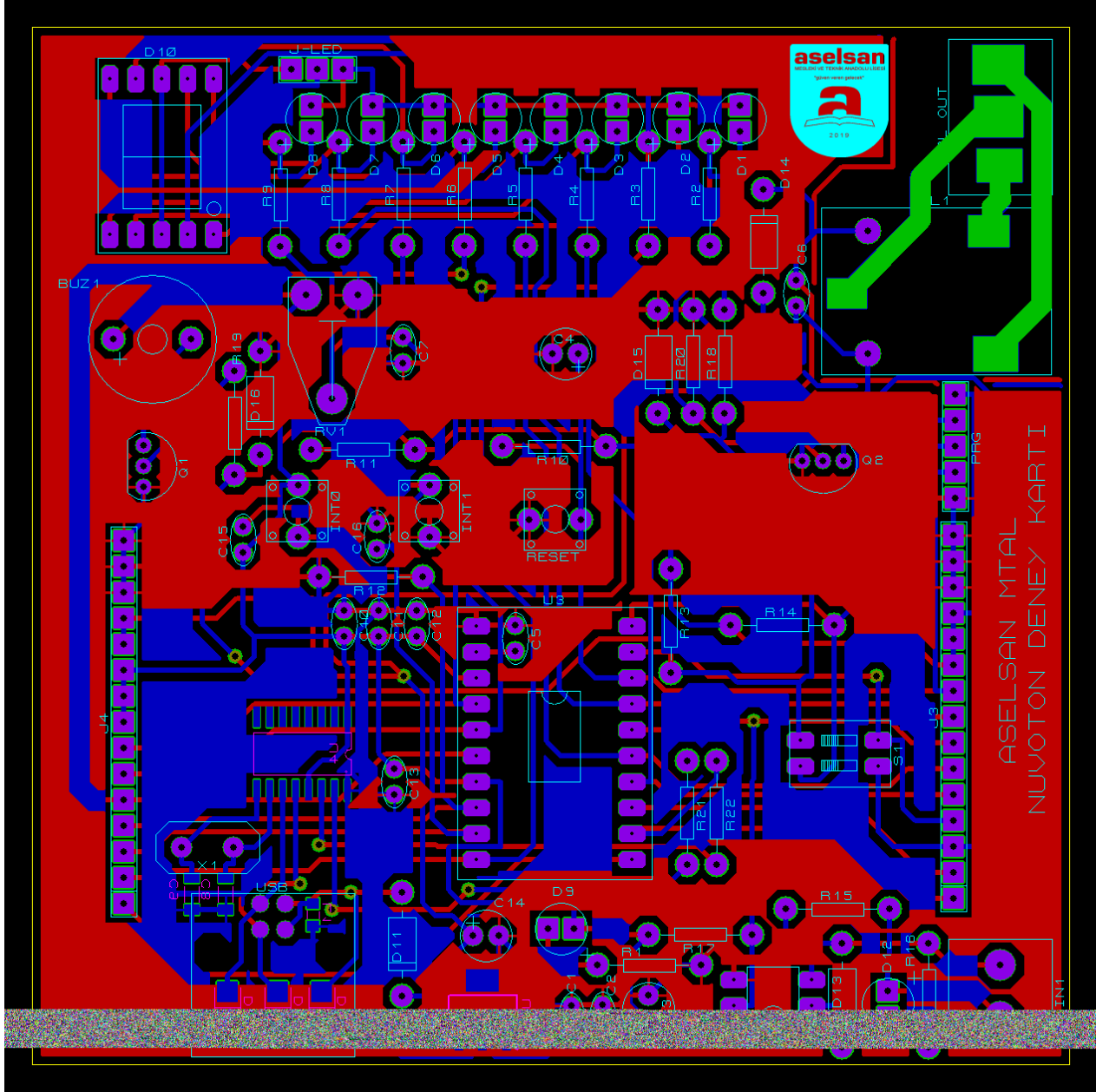
## NUVOTON DENEY KARTI BİLGİLENDİRME DÖKÜMANI

### NUVOTON DENEY KARTI

VE  
KARTIN ŞEMASI

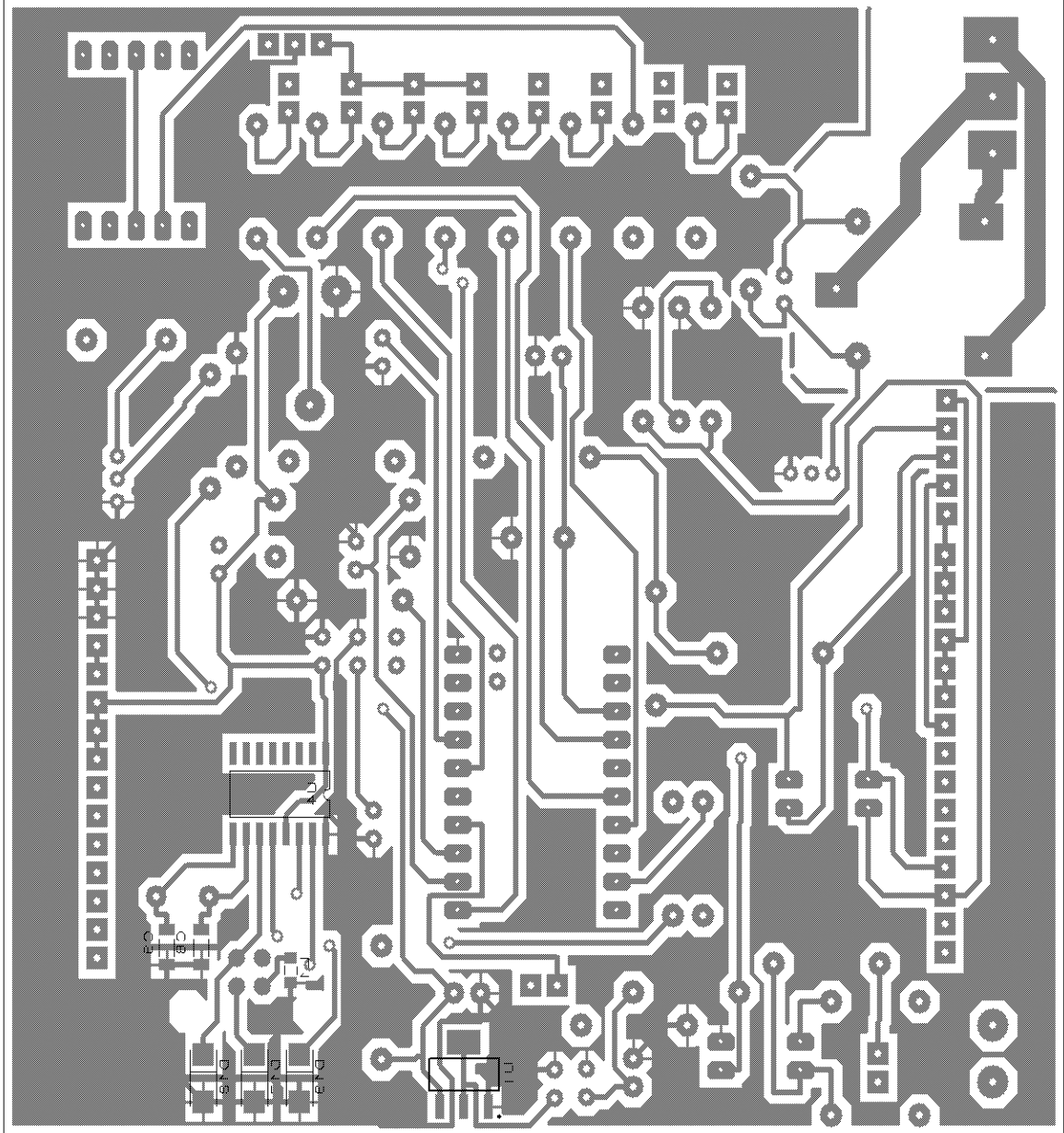
MEHMET ŞAHİN KILIÇ 11/B 39





NUVOTON DENEY KARTININ ARES UYGULAMASINDAKİ GÖRÜNTÜSÜ





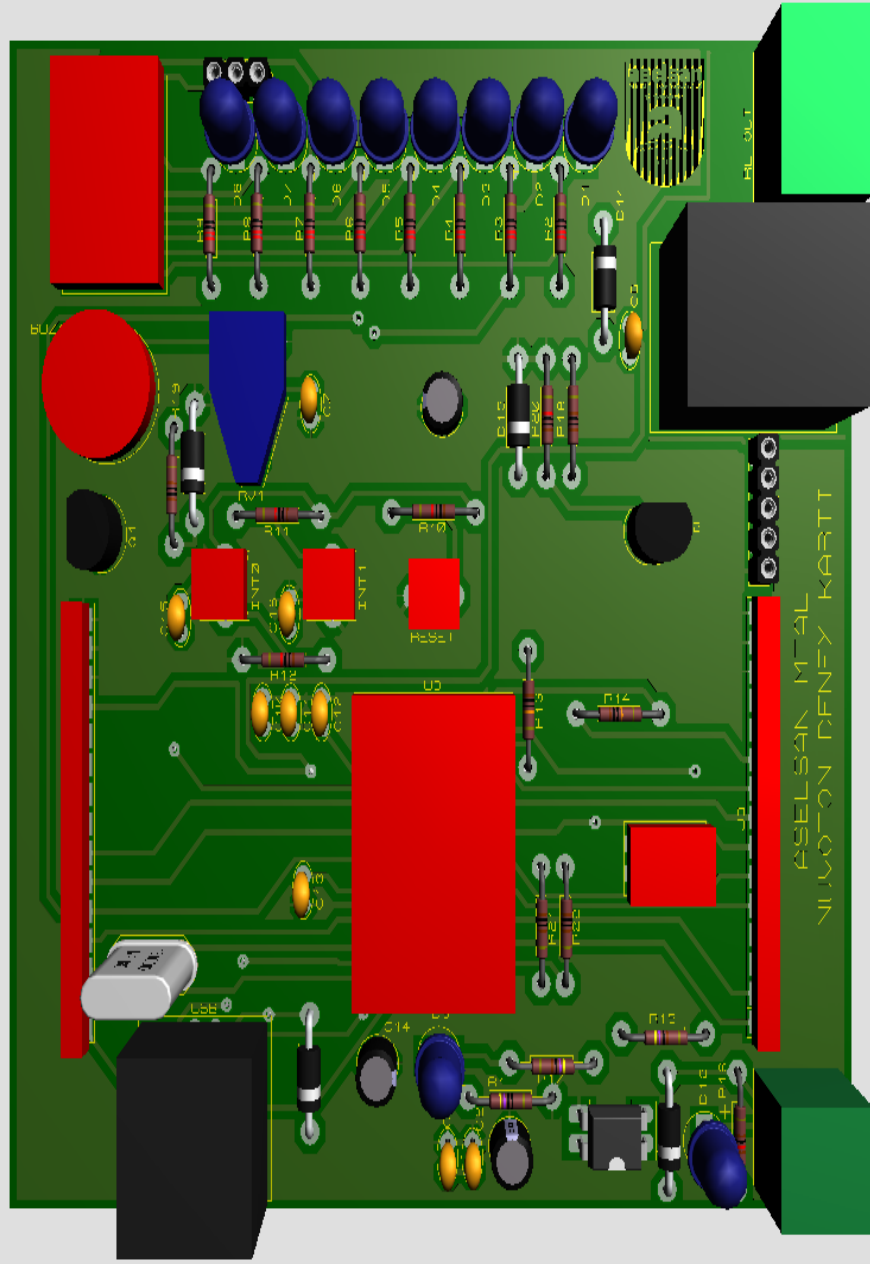
**NUVOTON DENEY KARTININ ALT KATMAN YERLEŞİM PLANI**

## Bill Of Materials for sahinmikro

Design Title sahinmikro  
Author  
Document Number  
Revision  
Design Created 24 Nisan 2023 Pazartesi  
Design Last Modified 24 Nisan 2023 Pazartesi  
Total Parts In Design 79

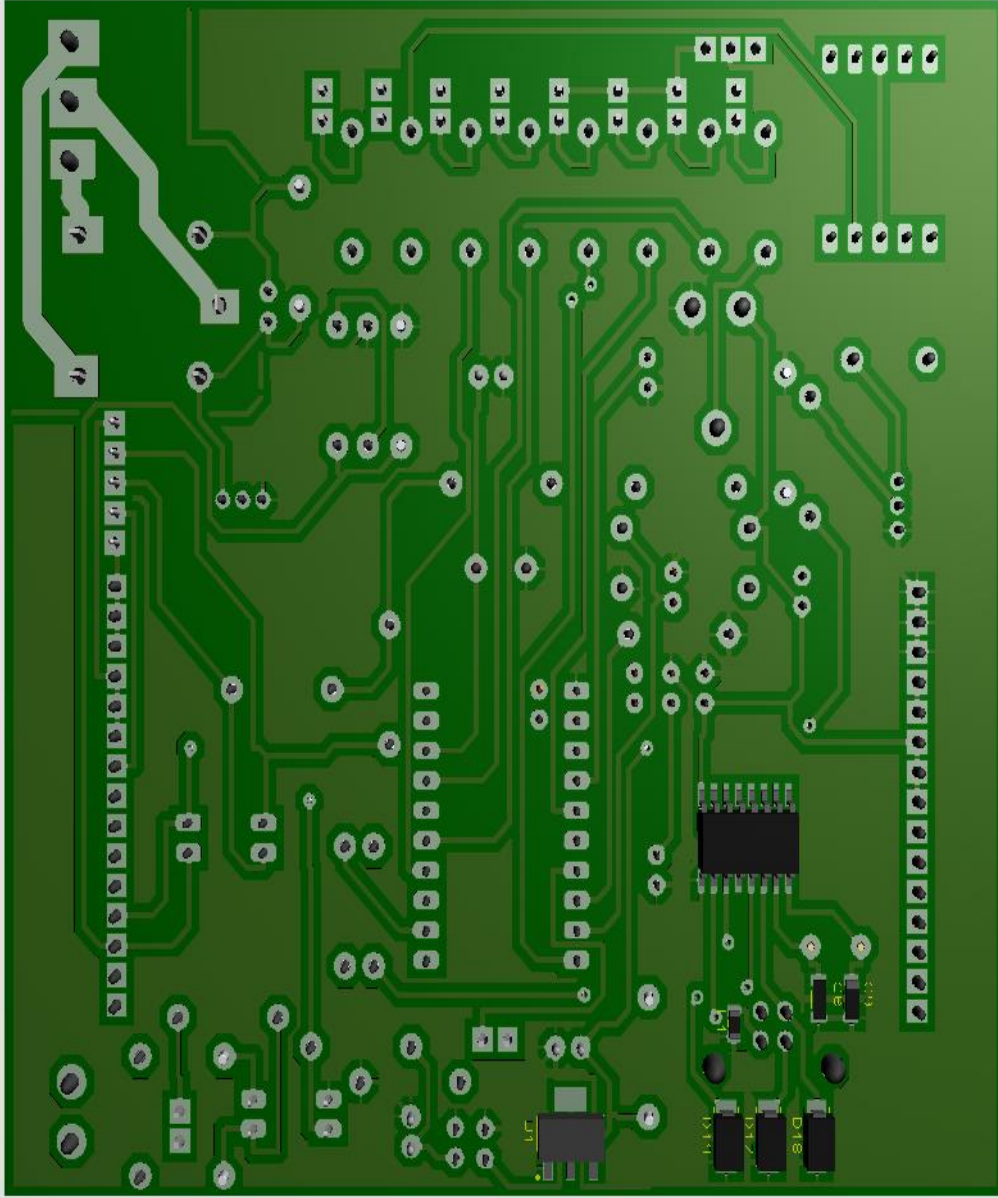
0 Modules				
Quantity	References	Value	Stock Code	Unit Cost
Sub-totals:				₺0,00
16 Capacitors				
Quantity	References	Value	Stock Code	Unit Cost
1	C1	220nF		
7	C2,C6-C7,C11,C13,C15-C16	100nF		
3	C3-C4,C14	10uF		
1	C5	1uF		
2	C8-C9	22pF		
1	C10	1uF		
1	C12	10nF		
Sub-totals:				₺0,00
22 Resistors				
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
4	D1,D8-D9,D12	LED		
9	D2-D7,D17-D19			
1	D10	7_SEG_CC_14MM		
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-12		
3	INT0-INT1,RESET	6x6.2 pin tach button		
2	J3-J4	CONN-H15		
1	J-LED	CONN-SIL3		
1	L1	30R FERRITE BEAD		
1	PRG	CONN-SIL5		
1	RL1	G5GLE-14-DC5		
1	RL-OUT	TBLOCK-13		
1	RV1	10K	Digkey 3214G-1-100EDKR-ND	
1	S1			
1	USB	CONN-H4		
1	X1	12MHz		
Sub-totals:				₺0,00

## NUVOTON DENEY KARTI MALZEME LİSTESİ



**NUVOTON DENEY KARTININ 3D ÜST KATMAN GÖRÜNÜMÜ**





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