



aselsan

MESLEKİ VE TEKNİK ANADOLU LİSESİ

“güven veren gelecek”

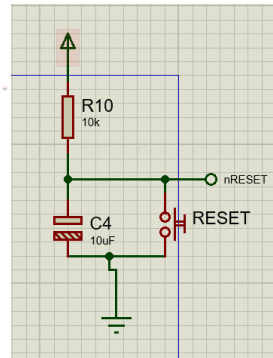
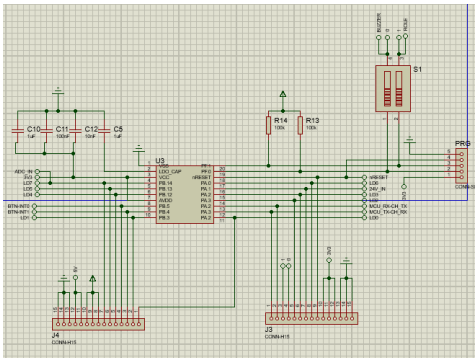
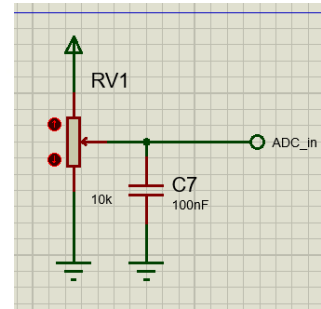
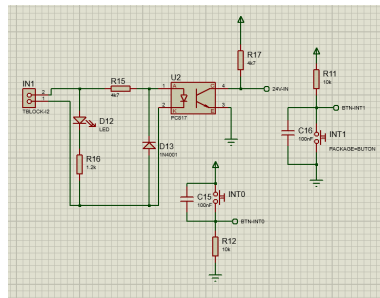
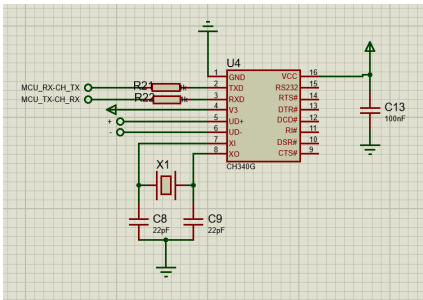
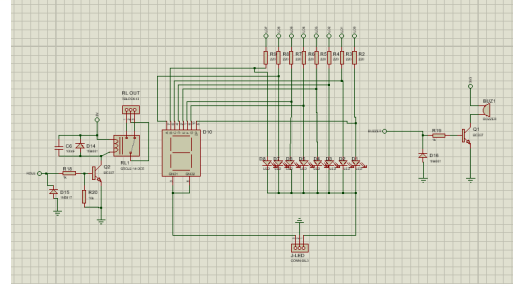
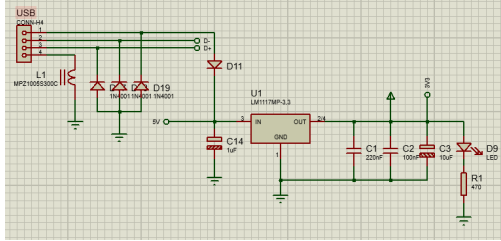
11/A-1

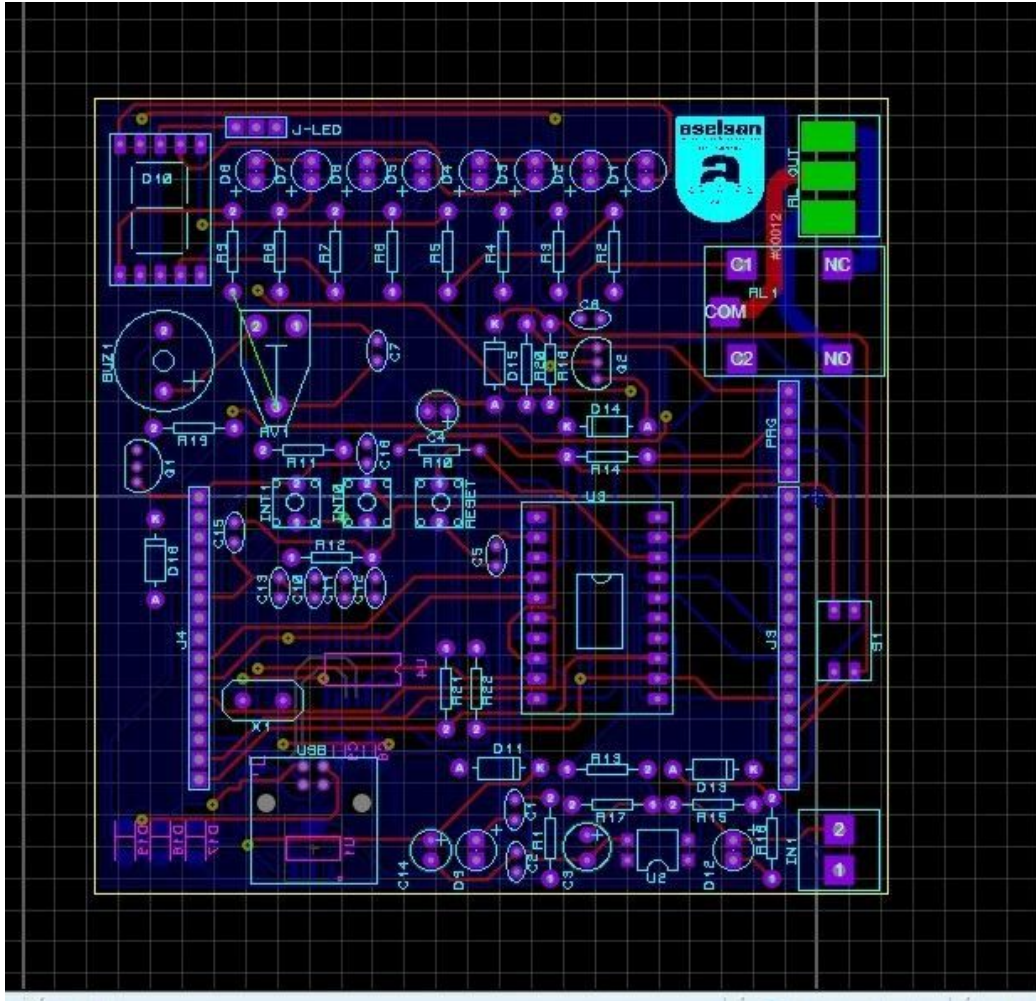
Ar d a Mut u

Nuvoton M031FB0AE Geliştirme kartı tanıtım dökümanıdır.

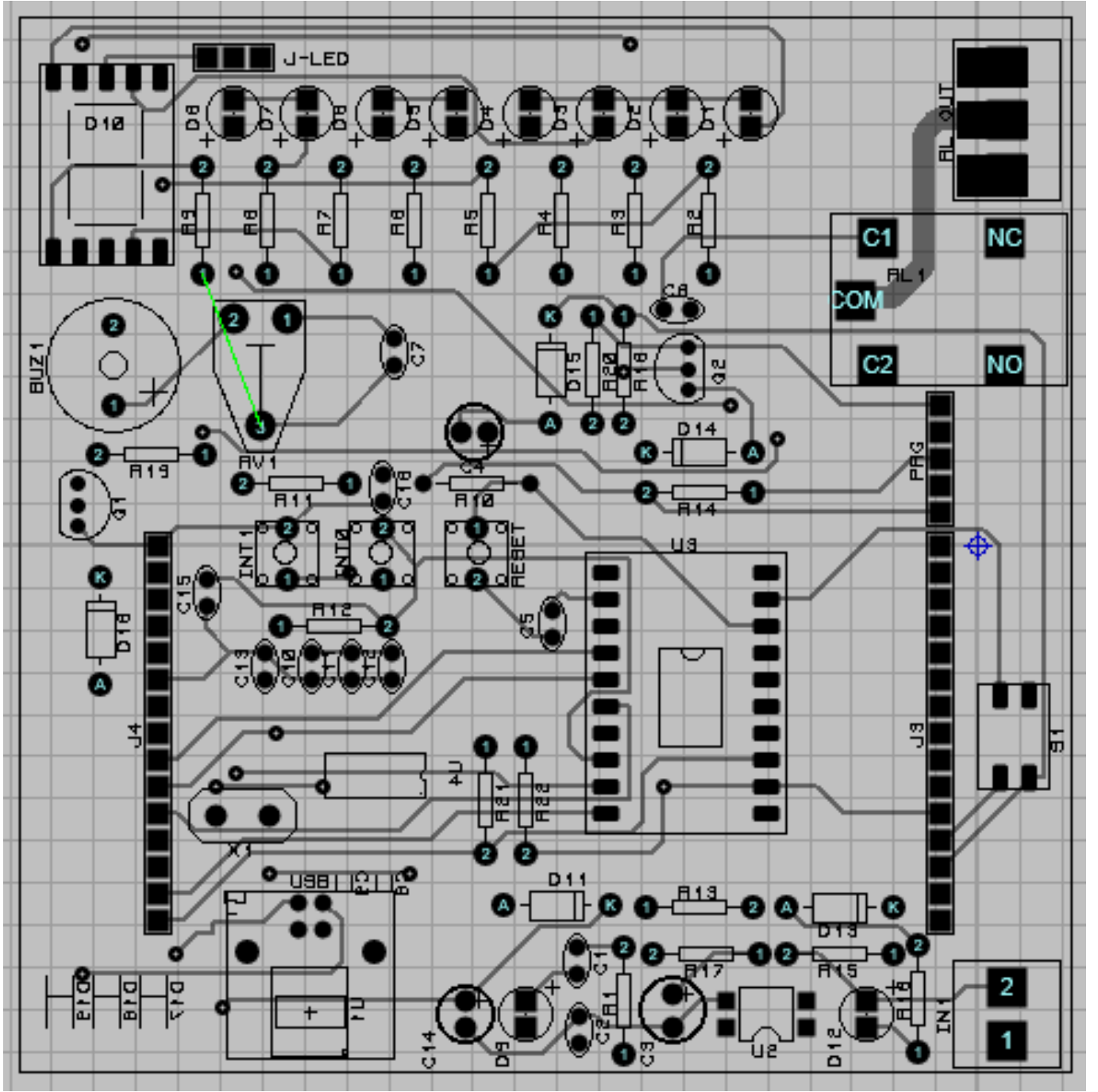
Bu belge geliştirdiğimiz kartın özelliklerini temel düzeyde gösteren bir dokümandır.

15.04.2023

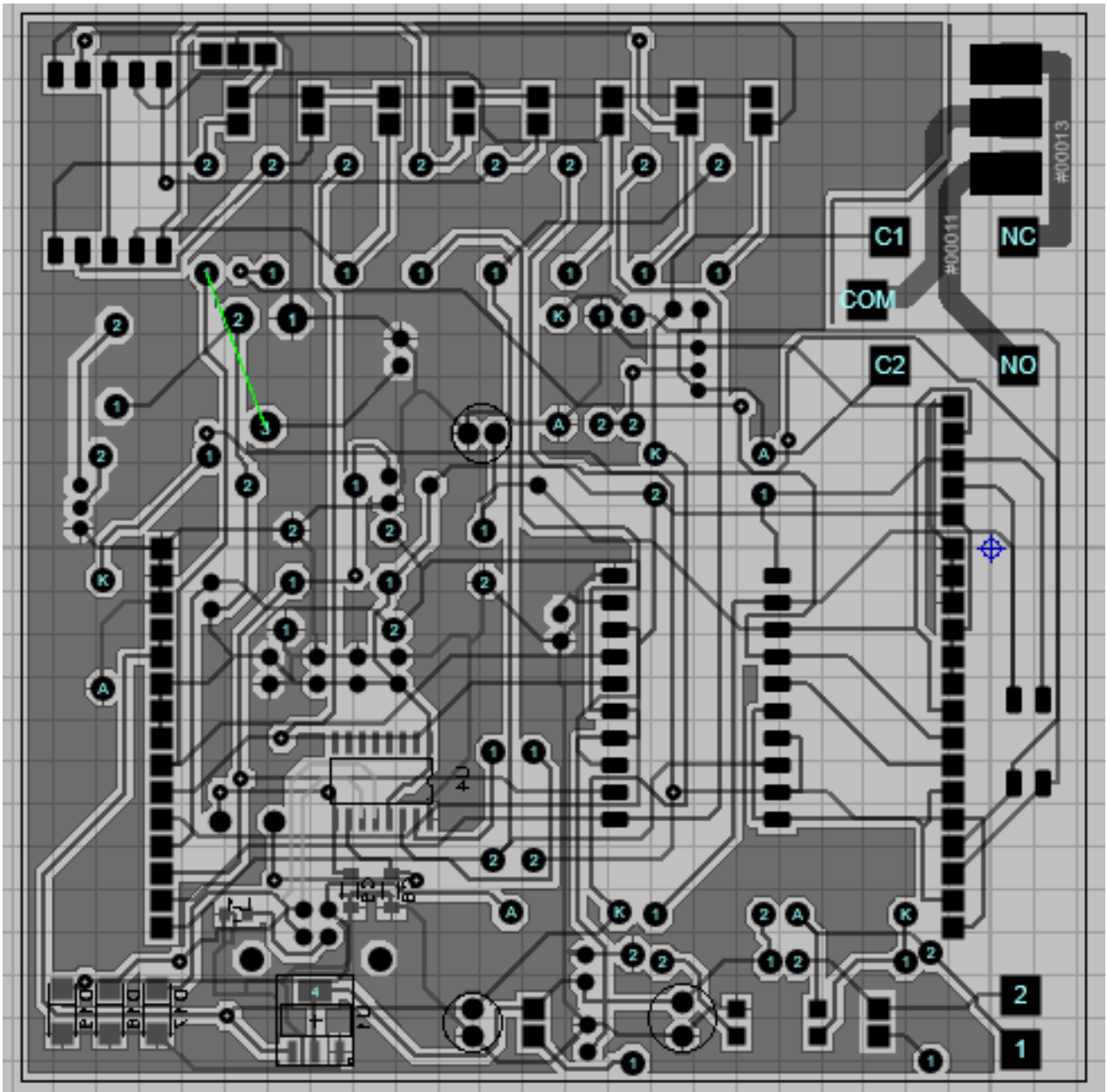




GENEL BASKI DEVRE GÖRÜNÜŞÜ

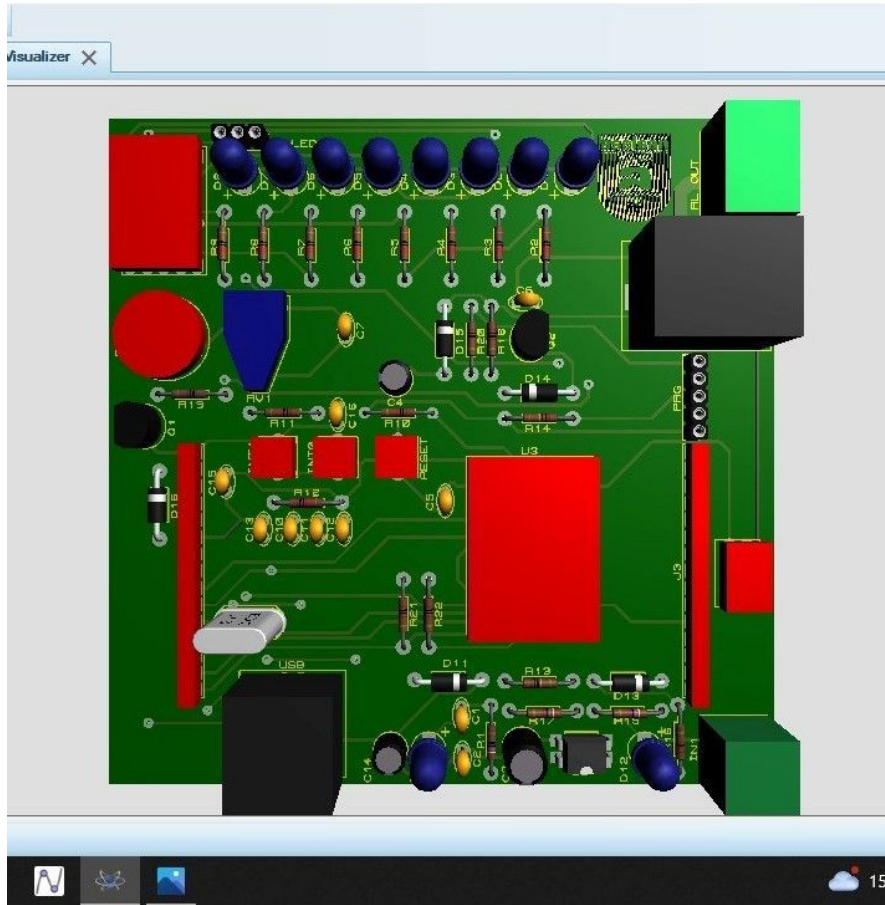
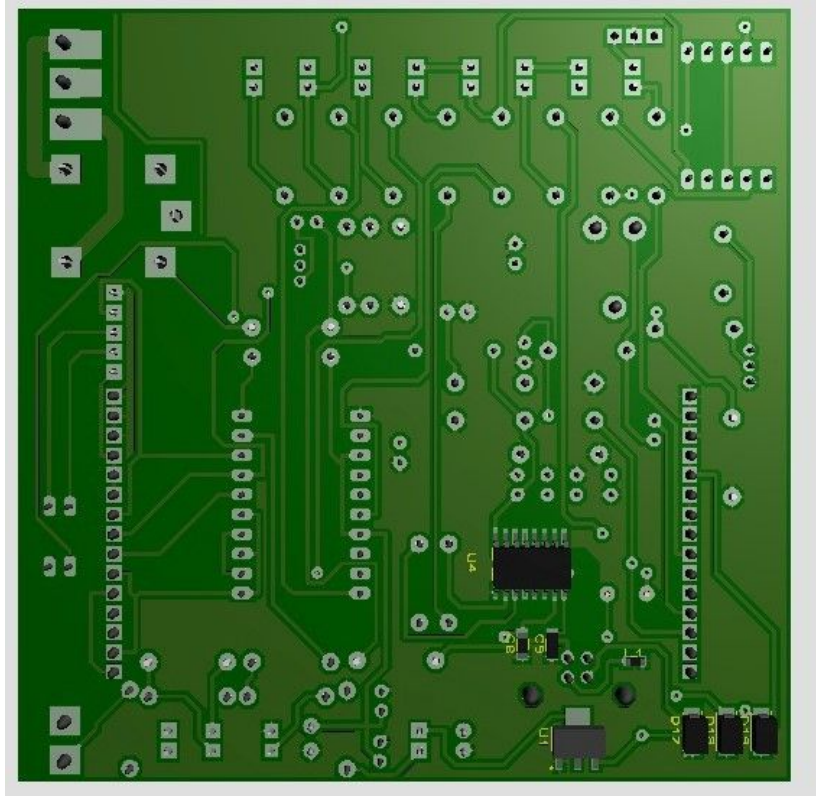


ÜST KATMAN YERLEŞİM PLANI



ALT KATMAN YERLEŞİM PLANI

0 Modules				
<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
Sub-totals:				£0,00
16 Capacitors				
<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	C1	220nF		
7	C2, C6-C7, C11, C13, C15-C16	100nF		
2	C3-C4	10uF		
3	C5, C10, C14	1uF		
2	C8-C9	22pF		
1	C12	10nF		
Sub-totals:				£0,00
22 Resistors				
<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
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				
<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	U1	LM1117MP-3,3		
1	U2	PC817		
1	U3			
1	U4	CH340G		
Sub-totals:				£0,00
2 Transistors				
<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
2	Q1-Q2	BC337		
Sub-totals:				£0,00
19 Diodes				
<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
10	D1-D9, D12	LED		
2	D10-D11			
6	D13-D14, D16-D19	1N4001		
1	D15	1N5817		
Sub-totals:				£0,00
16 Miscellaneous				
<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	BUZ1	BUZZER		
1	IN1	TBLOCK-I2		
4	INT0-INT1, RESET, S1			
2	J3-J4	CONN-H15		
1	J-LED	CONN-SIL3		
1	L1	MP21005S300C		
1	PRG	CONN-SIL5		
1	RL1	G5CLE-14-DC5		
1	RL OUT	TBLOCK-I3		
1	RV1	10k		
1	USB	CONN-H4		
1	X1	CRYSTAL	RES038	



ÜST KATMAN 3D GÖRÜNTÜ