

26.04.2023

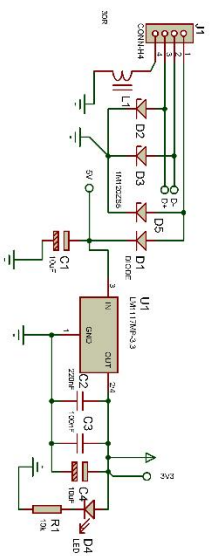
İSİM:ALİ ERDEM

SOYİSİM:AMBARKÜTÜKOĞLU

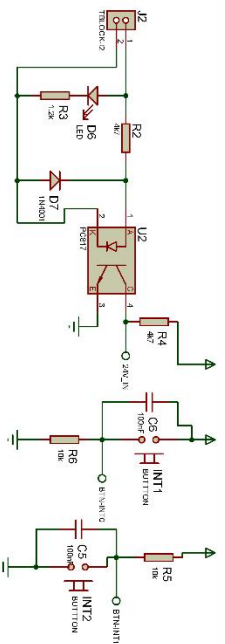
SINIF:11/B NO:16

Nuvoton M031FB0AE Geliştirme kartı tanıtım dokümanıdır.

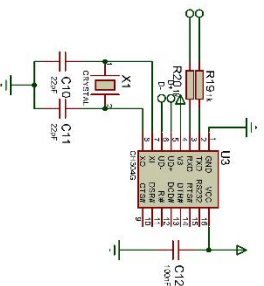
Bu belge geliştirdiğimiz kartın özelliklerini temel düzeyde gösteren dokümandır.



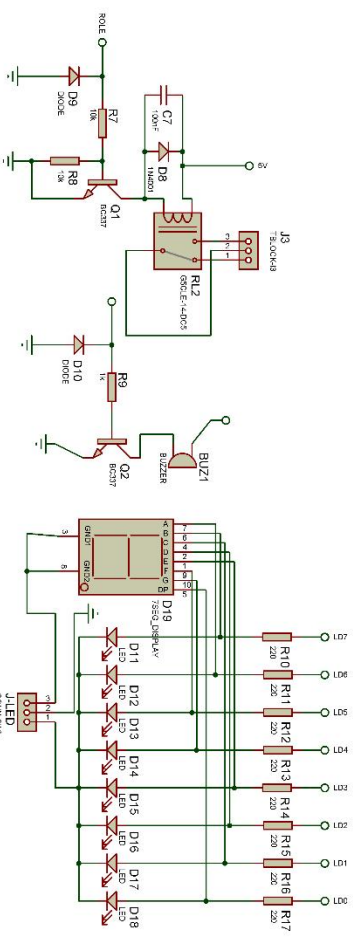
GÜÇ GİRİŞİ



DİJİTAL GİRİŞ BİRİMLERİ



USB->UART DÖNÜŞTÜRÜCÜ

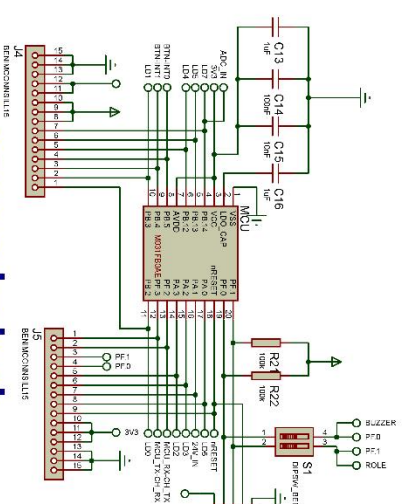


ÇIKIŞ BİRİMLERİ

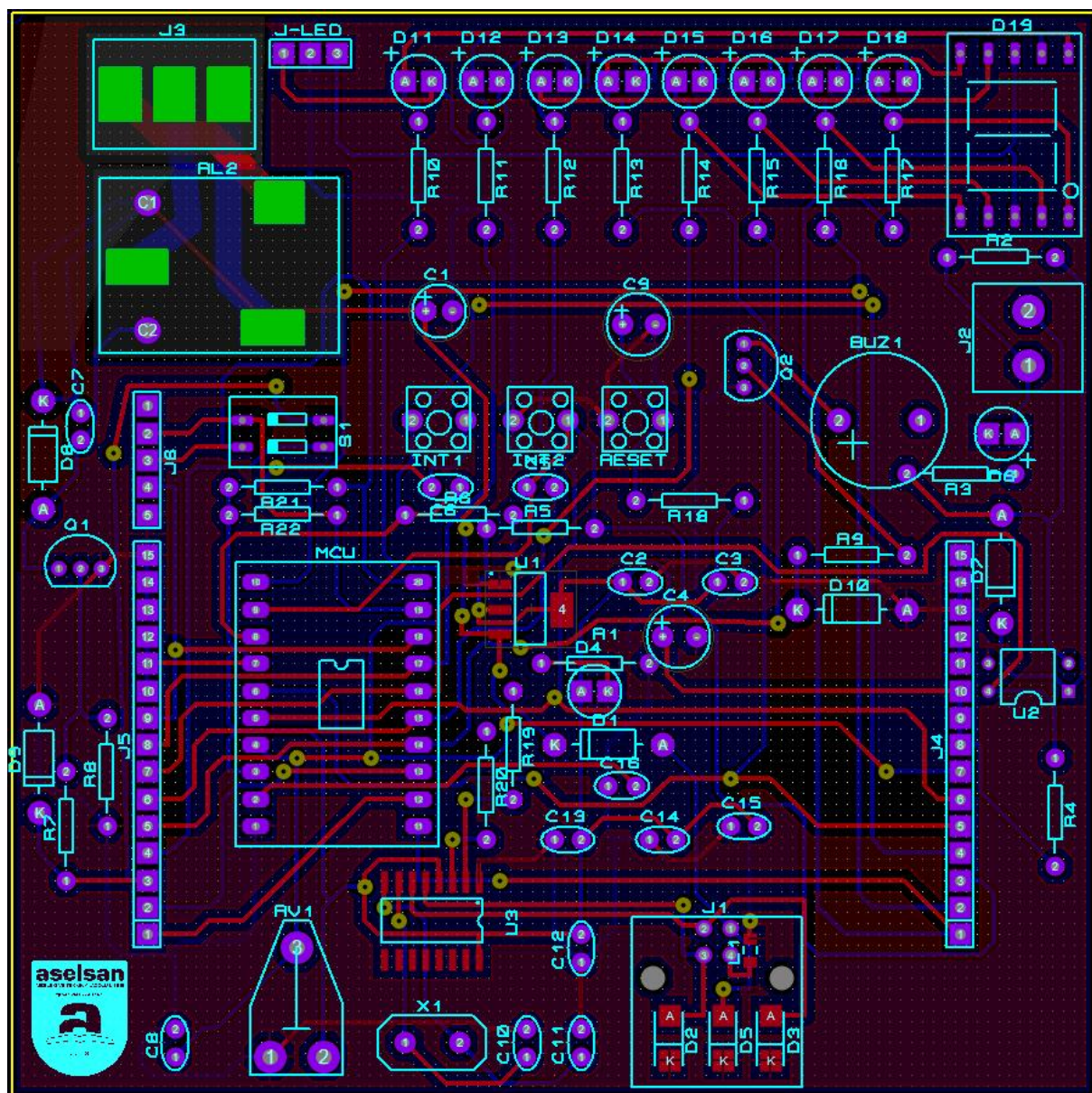


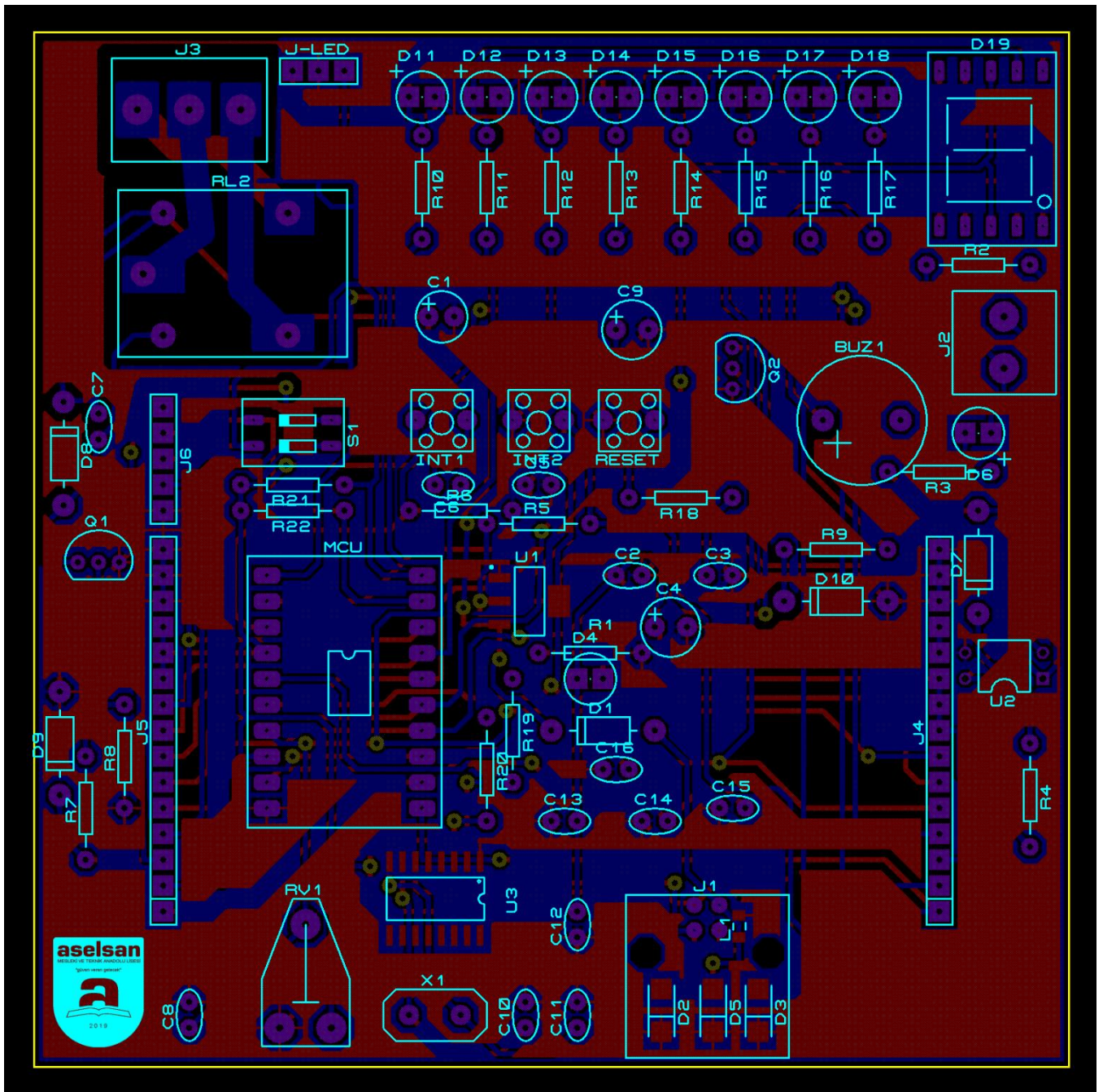
ANALOG TEST BİRİMİ

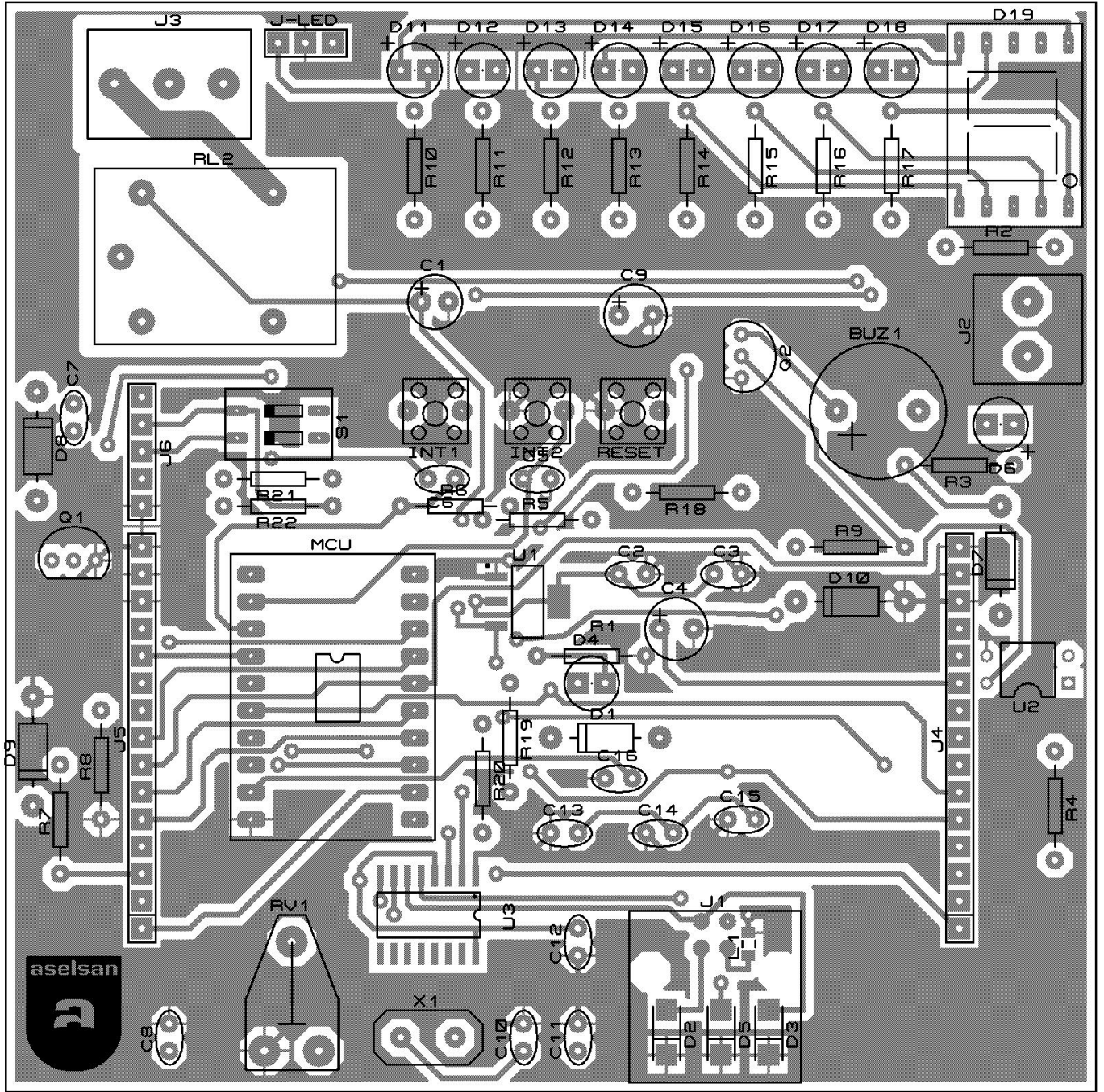
RESET DEVRESİ



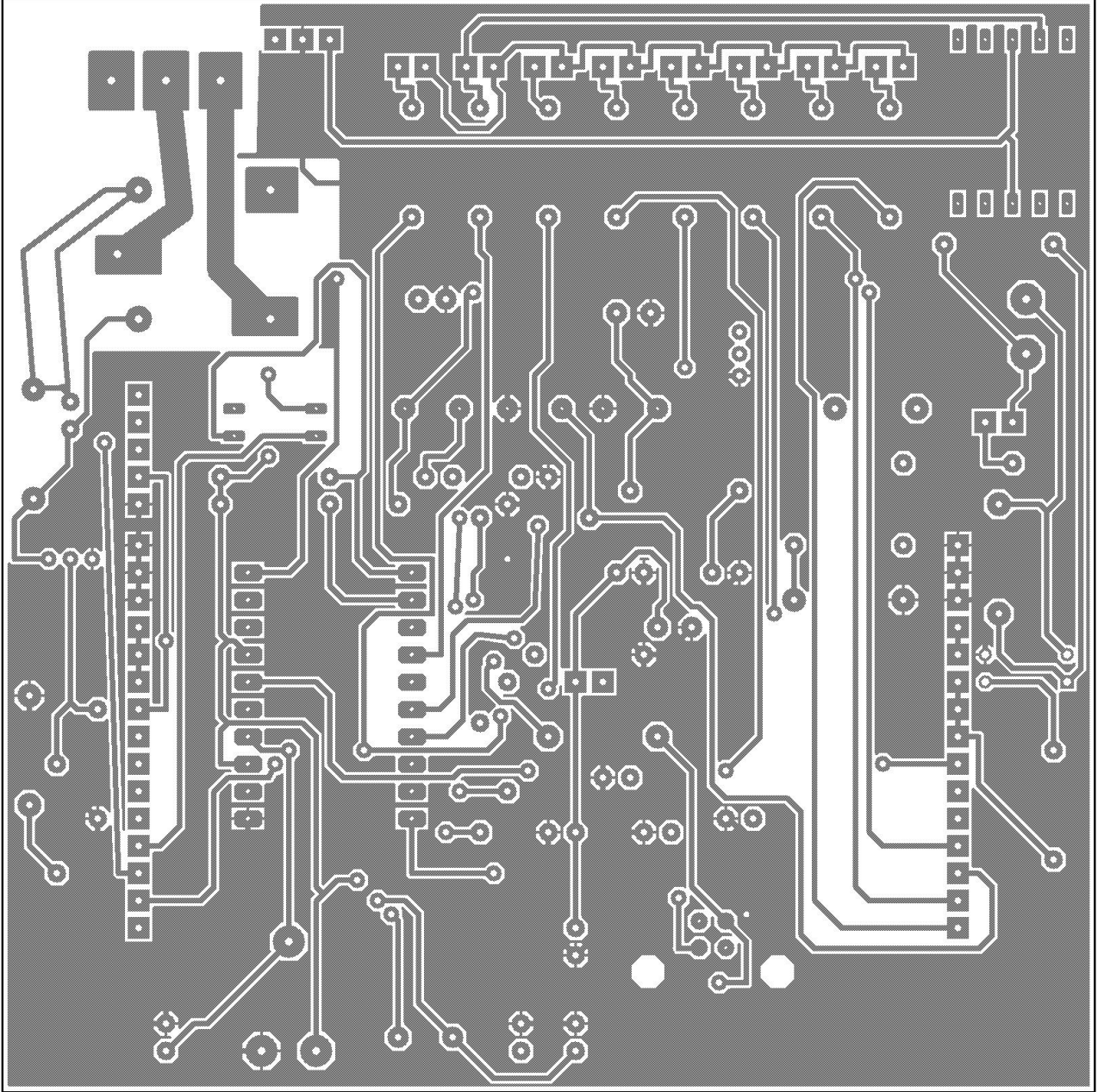
MCU BİRİMİ







DEVRENİN ÜST KATMAN YERLEŞİM PLANI



DEVRENİN ALT KATMAN YERLEŞİM PLANI

Bill Of Materials for alierdemambar11b

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	C2	220nF		
3	C9,C13,C16	1uF		
1	C15	10nF		
Sub-totals:				₹0,00
22 Resistors				
<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
2	R2,R4	4k7		
3	R9,R19-R20	1k		
2	R21-R22	100k		
Sub-totals:				₹0,00
3 Integrated Circuits				
<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	U2	PC817		
Sub-totals:				₹0,00
2 Transistors				
<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
Sub-totals:				₹0,00
19 Diodes				
<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
2	D2-D3			
1	D5	1M120ZS5		
1	D19	7SEG_DISPLAY		
Sub-totals:				₹0,00
17 Miscellaneous				
<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>

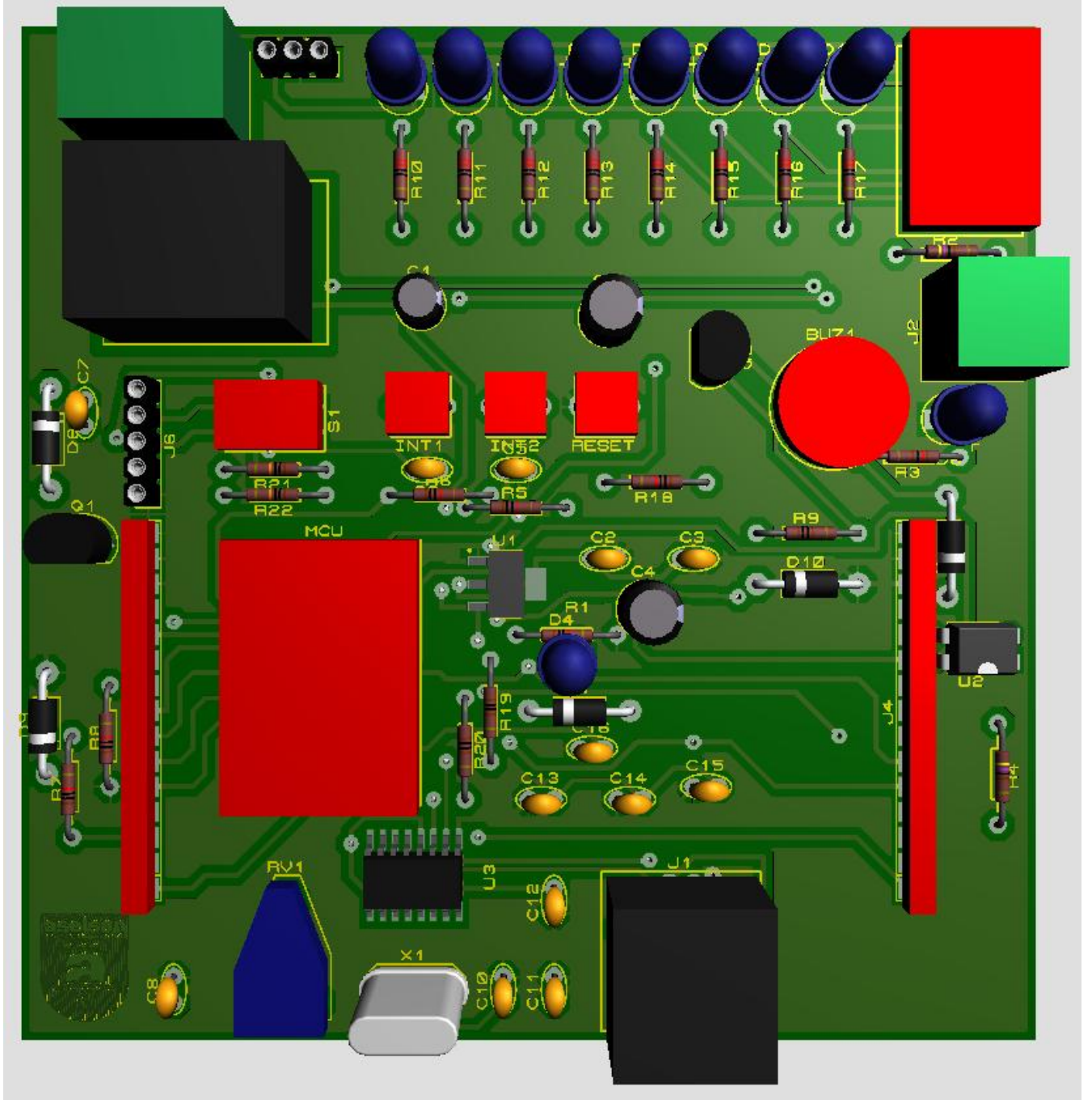
2	INT1-INT2	BUTTON
1	J2	TBLOCK-I2
1	J3	TBLOCK-I3
2	J4-J5	BENIMCONNSILL15
1	J6	CONN-SIL5
1	J-LED	CONN-SIL3
1	L1	30R
1	MCU	
1	RESET	6X6
1	RL2	G5CLE-14-DC5
1	RV1	YATIKK TRIPMOTT
1	S1	DIPSW_BENİM
1	X1	CRYSTAL

Sub-totals:

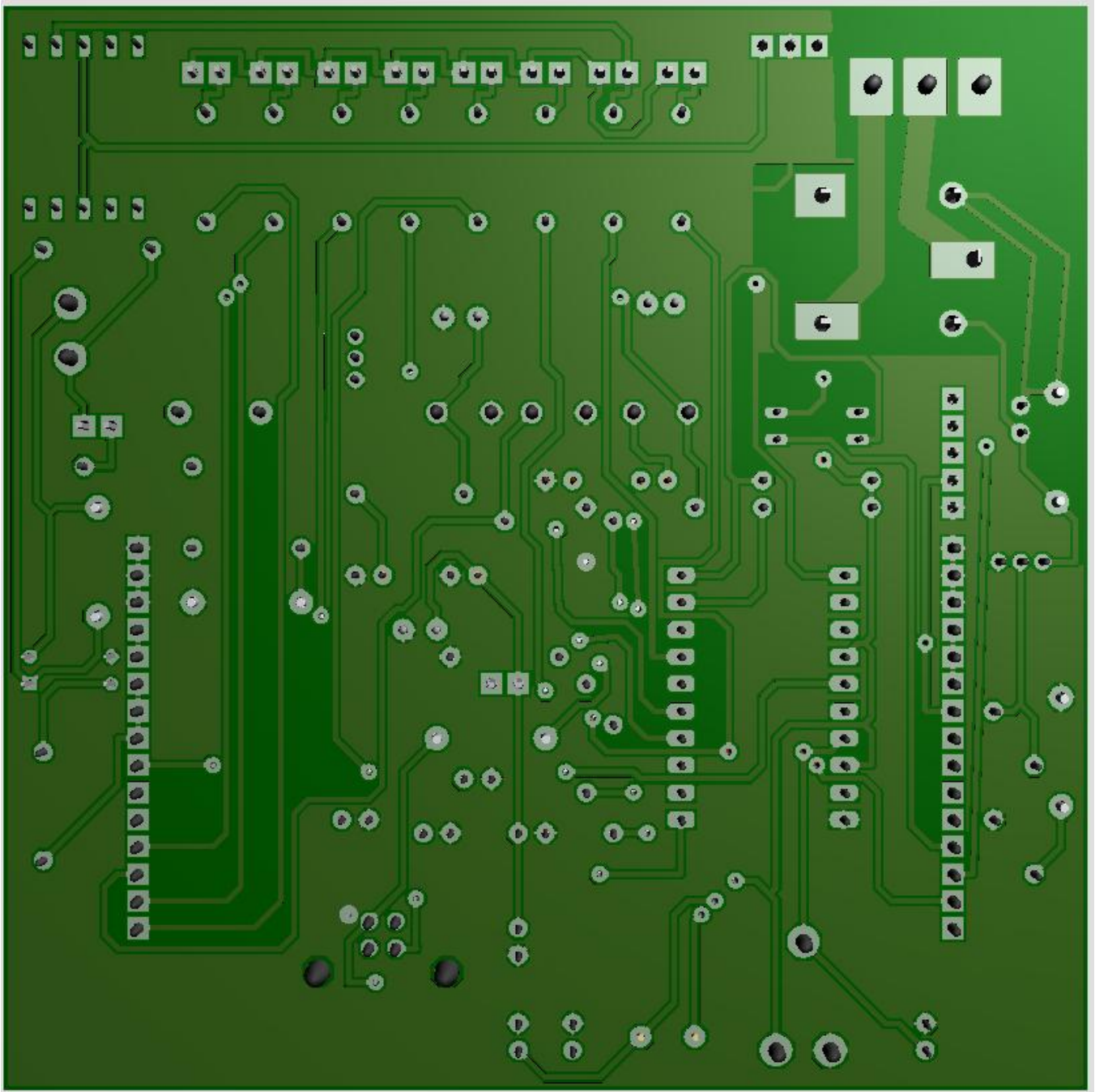
₺0,00

Totals:

₺0,00



DEVRENİN ÜST KATMAN 3D GÖRÜNÜMÜ



DEVRENİN ALT KATMAN 3D GÖRÜNÜMÜ

