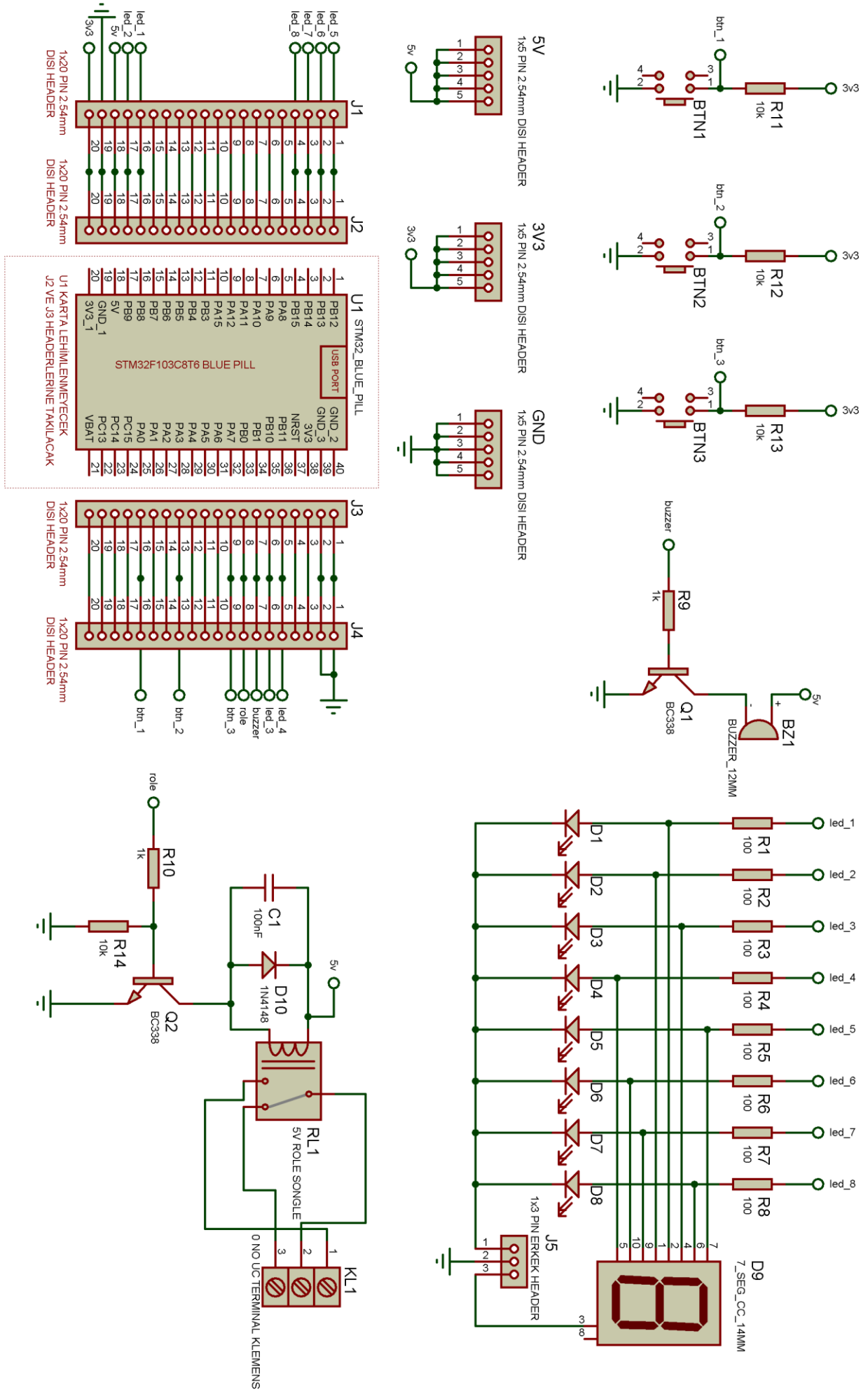
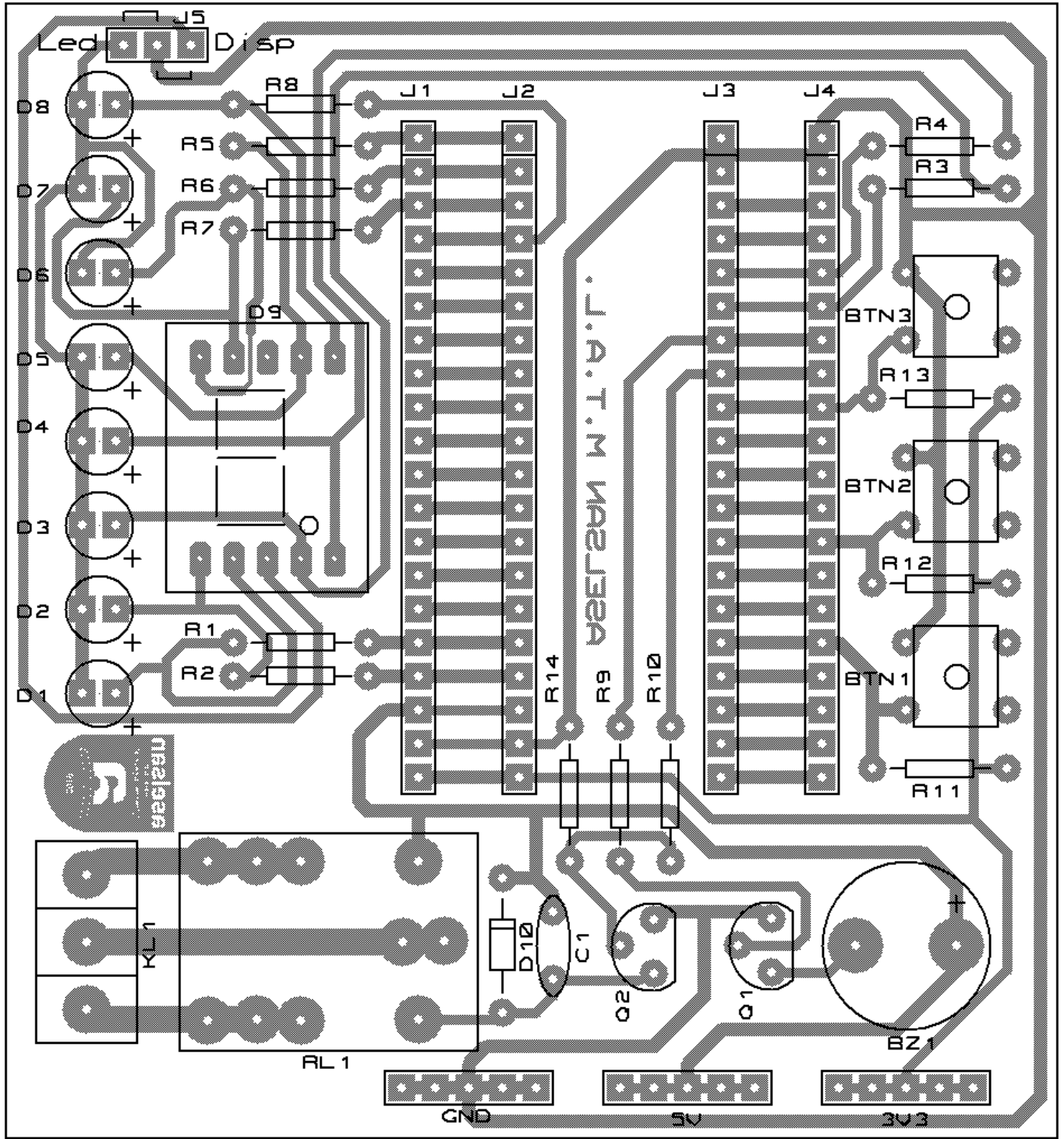


PROJE BİLGİLENDİRME FORMU



DEVRE ŞEMASI



YERLEŞİM PLANI (OVERLAY)

Bill Of Materials for STM32F103C8T6 GELİŞTİRME KARTI

Design Title STM32F103C8T6 GELİŞTİRME KARTI
Author MUSTAFA SEYHAN
Document Number 1
Revision 1
Design Created 28 Nisan 2024 Pazar
Design Last Modified 28 Nisan 2024 Pazar
Total Parts In Design 42

0 Modules

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
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Sub-totals:

1 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
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1	C1	100nF	CAP20
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Sub-totals:

14 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
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8	R1-R8	100	RES40
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2	R9-R10	1k	RES40
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4	R11-R14	10k	RES40
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Sub-totals:

1 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
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1	U1	STM32_BLUE_PILL	STM32F103_BLUE_PILL
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Sub-totals:

2 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
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2	Q1-Q2	BC338	T092
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Sub-totals:

10 Diodes

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
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8	D1-D8	5mm LED	LED
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1	D9	7_SEG_CC_14MM	7SEG_CC_0.5INCH
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1	D10	1N4148	DO35
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Sub-totals:

14 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>
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3	3V3,5V,GND	1x5 PIN 2.54mm DISI HEADER	CONN-SIL5-FEMALE
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3	BTN1-BTN3	TACH_BUTON_6MM_4PIN	TACH_BUTON_6MM_4PIN
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1	BZ1	BUZZER_12MM	BUZZER_12MM
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4	J1-J4	1x20 PIN 2.54mm DISI HEADER	CONN-SIL20
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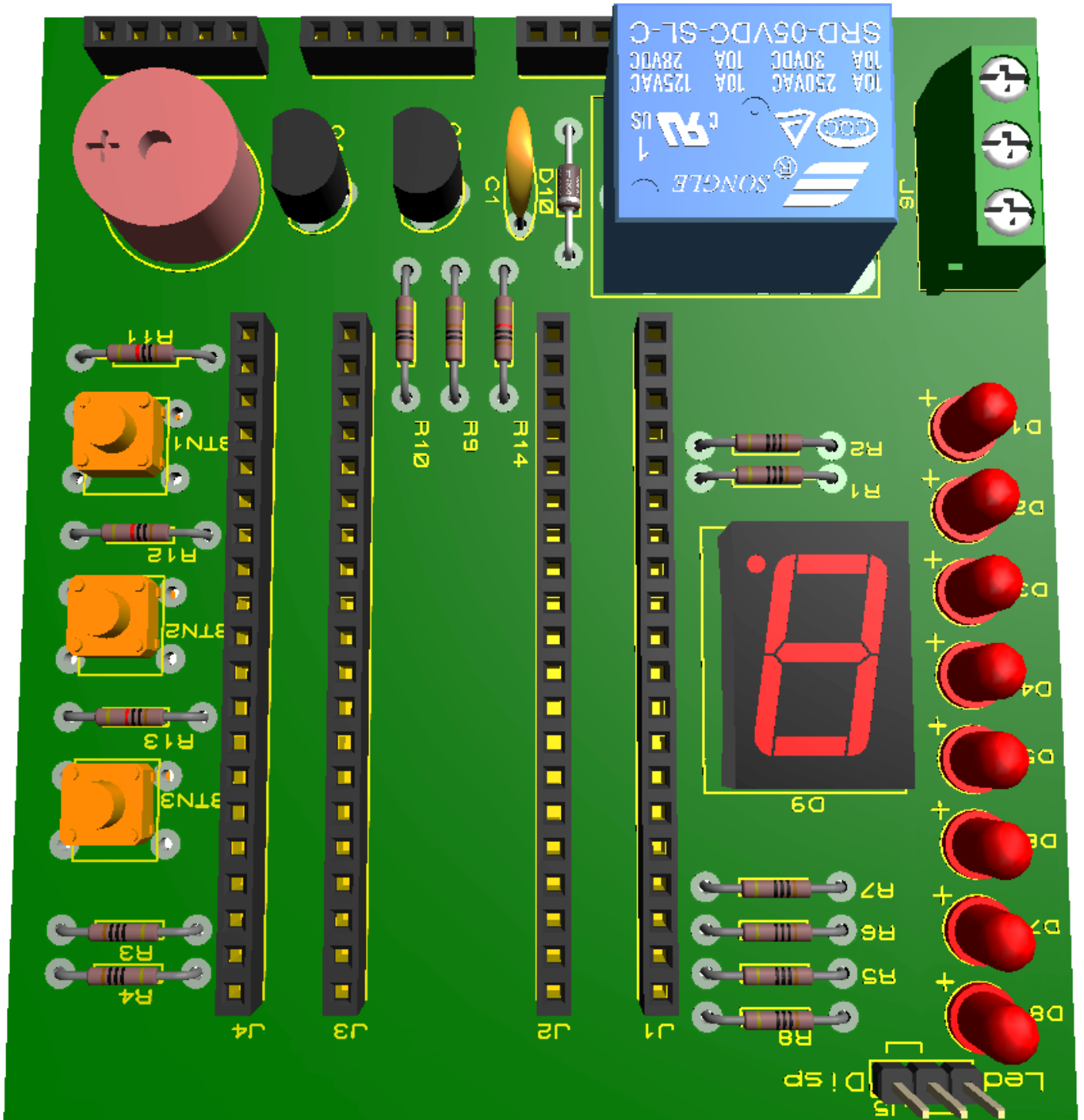
1	J5	1x3 PIN ERKEK HEADER	CONN-SIL3
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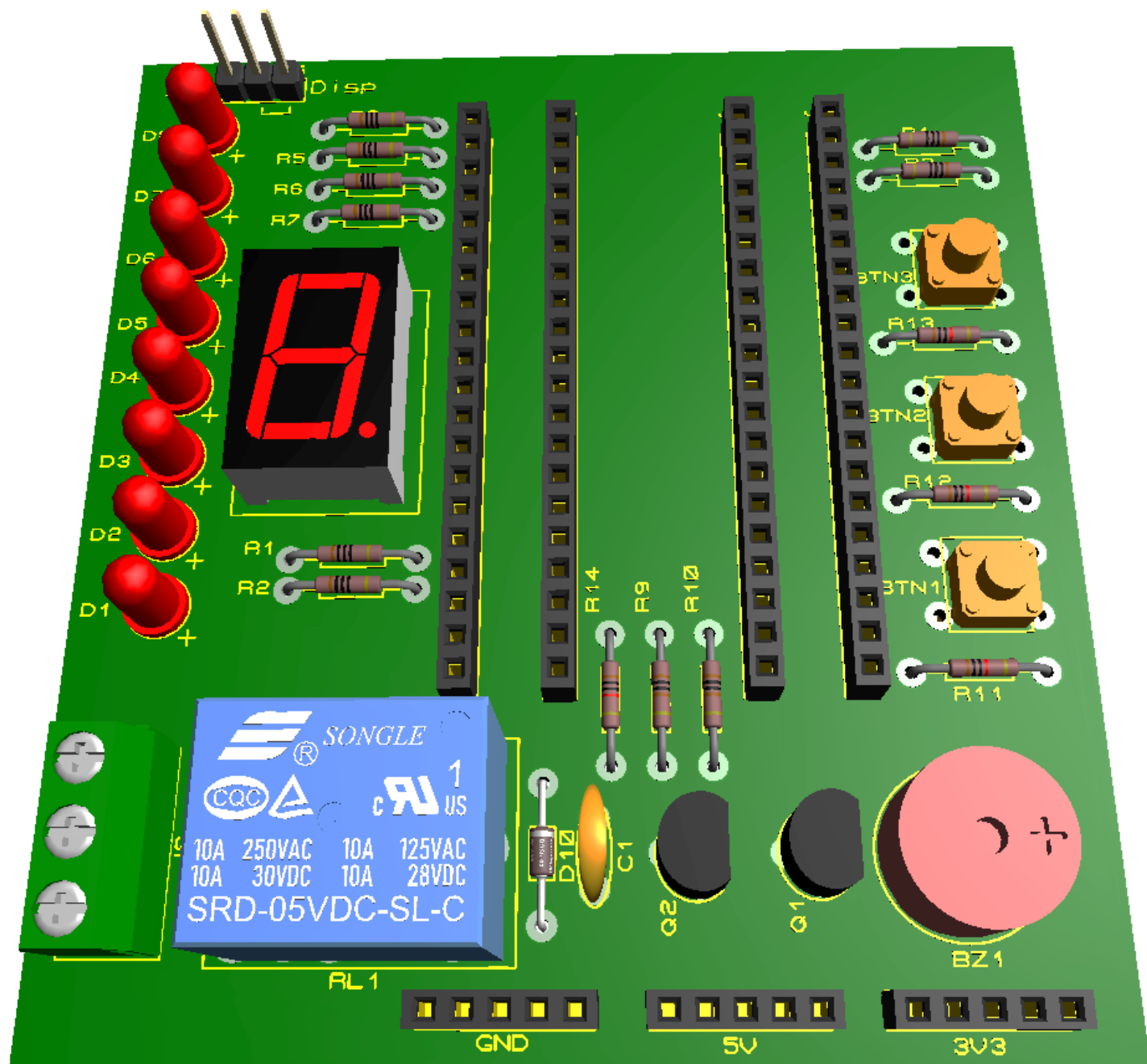
1	KL1	0 NO UC TERMINAL KLEMENS	KLMNS3
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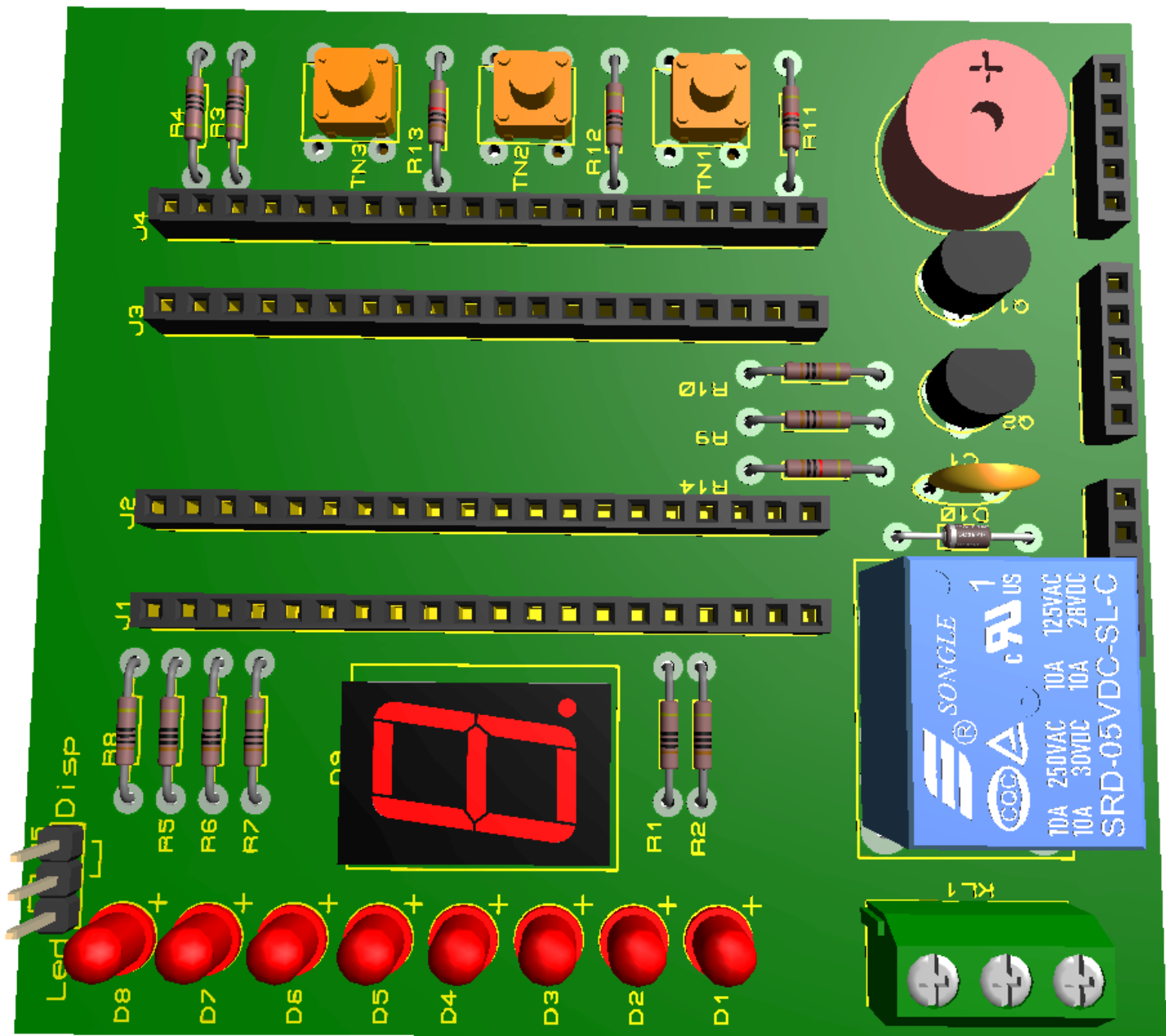
1	RL1	5V ROLE SONGLE	RLY-OMRON-C4
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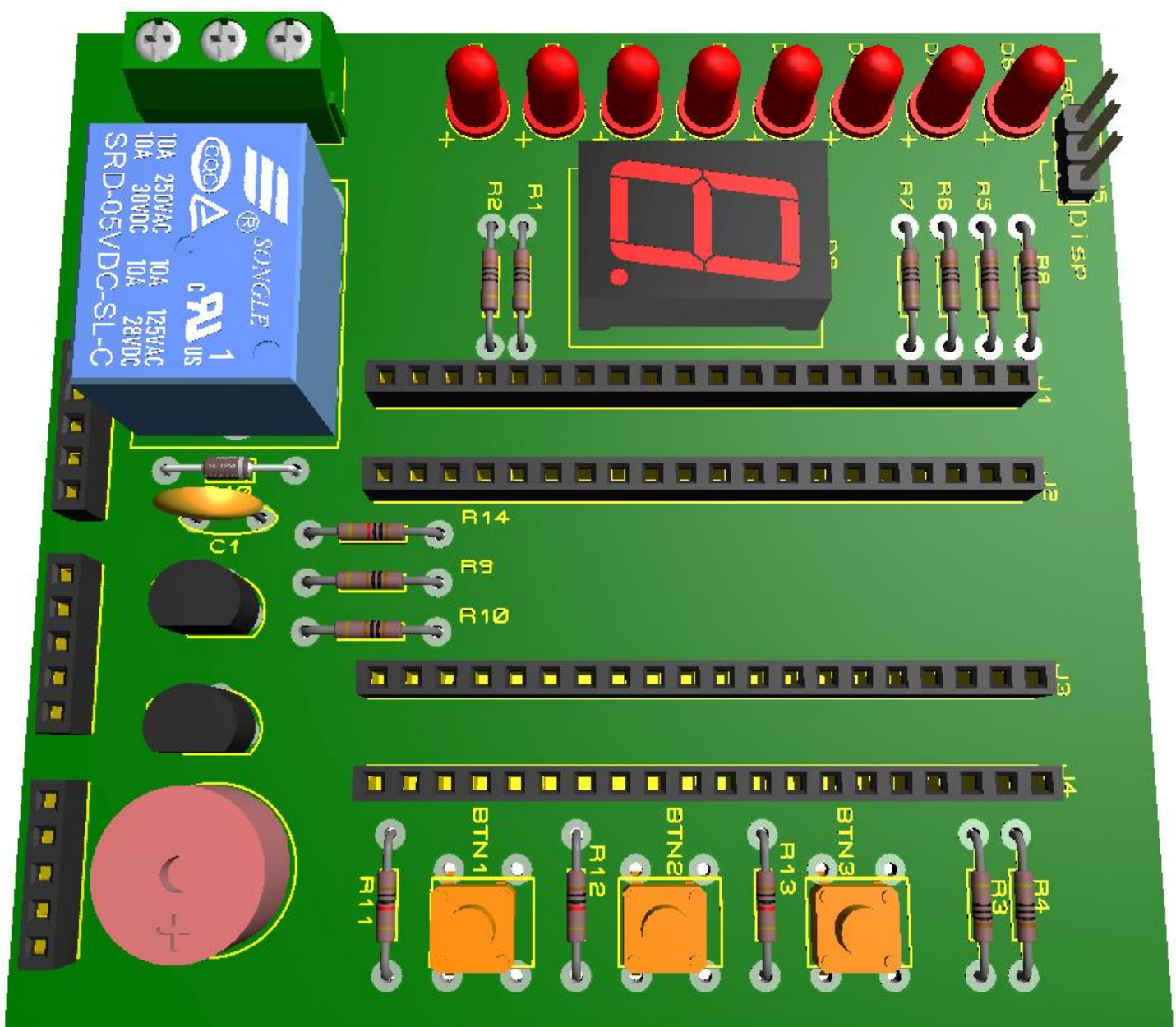
MALZEME LİSTESİ

STM32F103 BLUE PILL MODÜLÜ SİZİN YAPTIĞINIZ DENEY SETİNE LEHİMLEN-ME-YECEK. LEHİMLE İŞLEMİNDE AŞAĞIDA GÖRÜLEN HEADERLER KULLANILACAK OLUP LEHİMLEME SONRASINDA MODÜL, DENEY SETİNİN ÜZERİNDEKİ J2 VE J3 DIŞI HEADERİNE MONTE EDİLECEK.





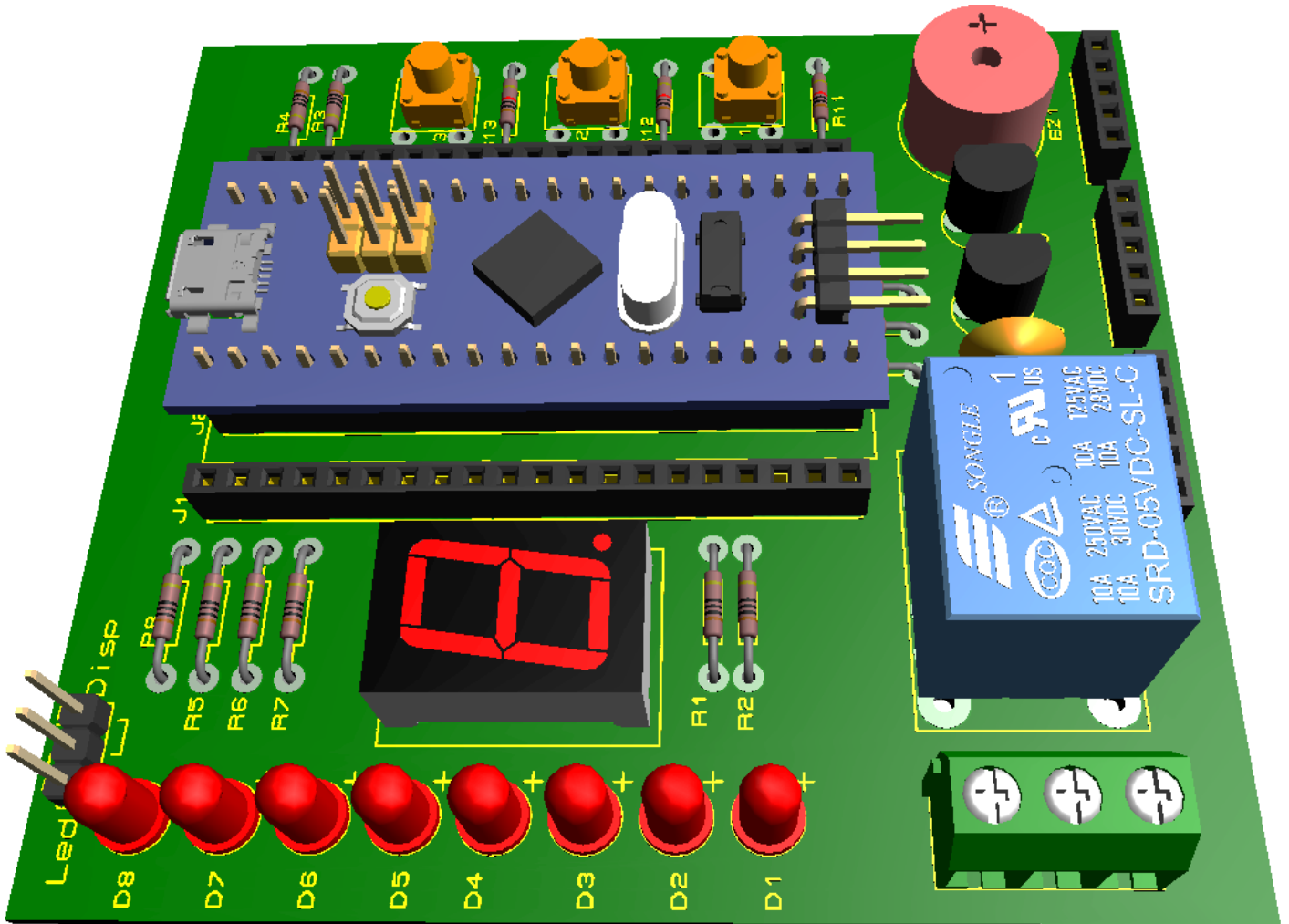
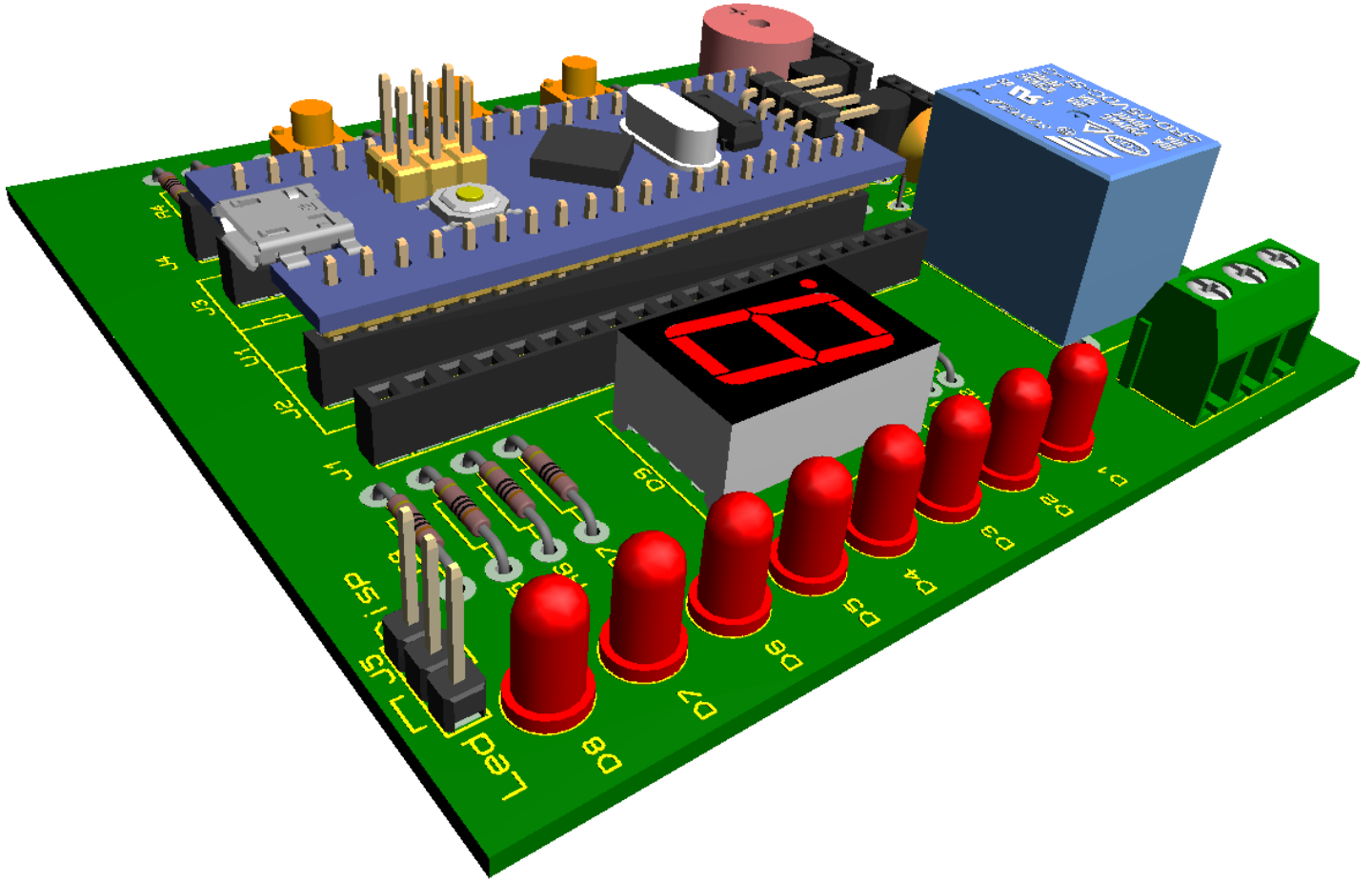


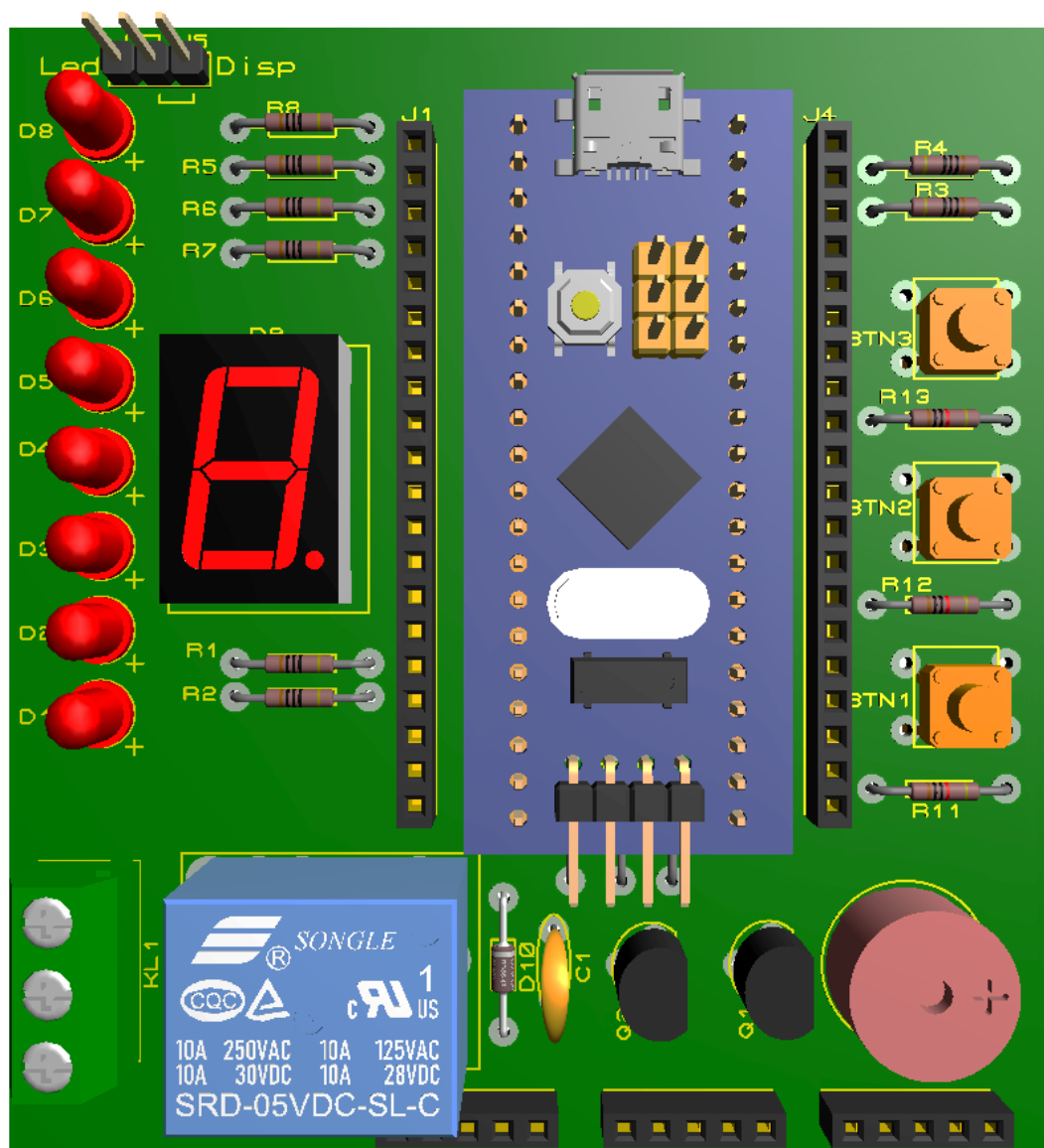
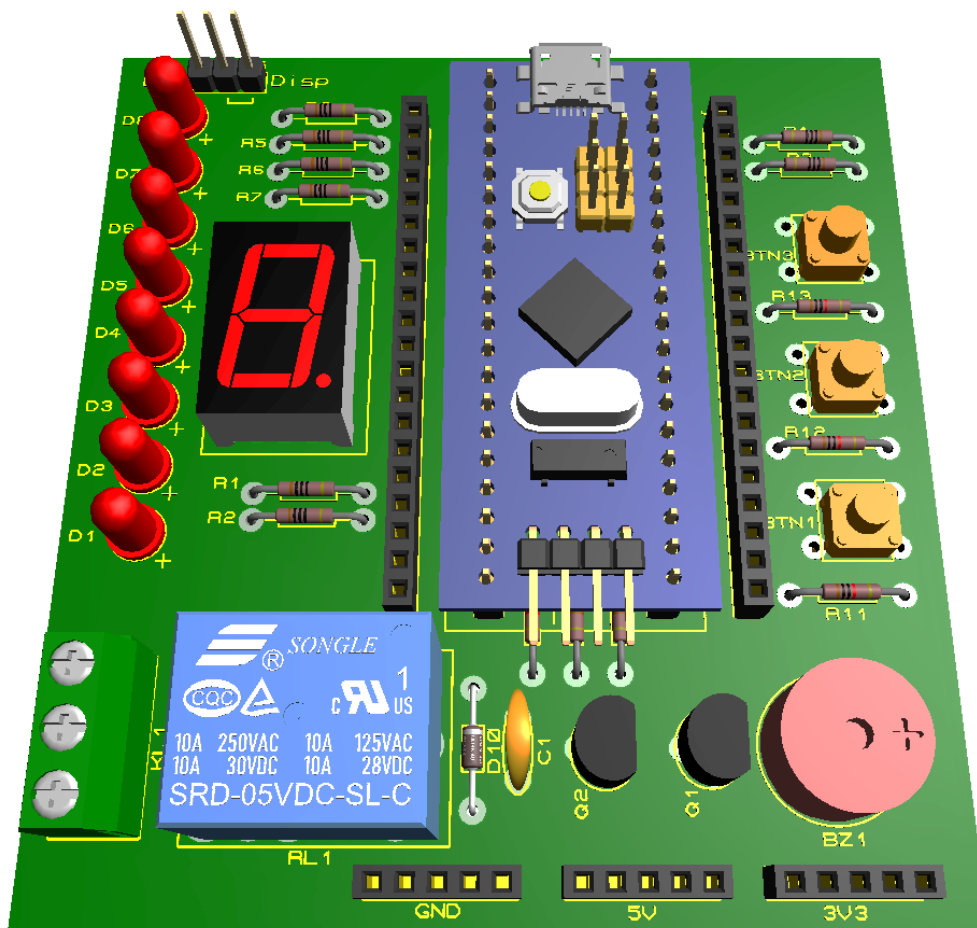


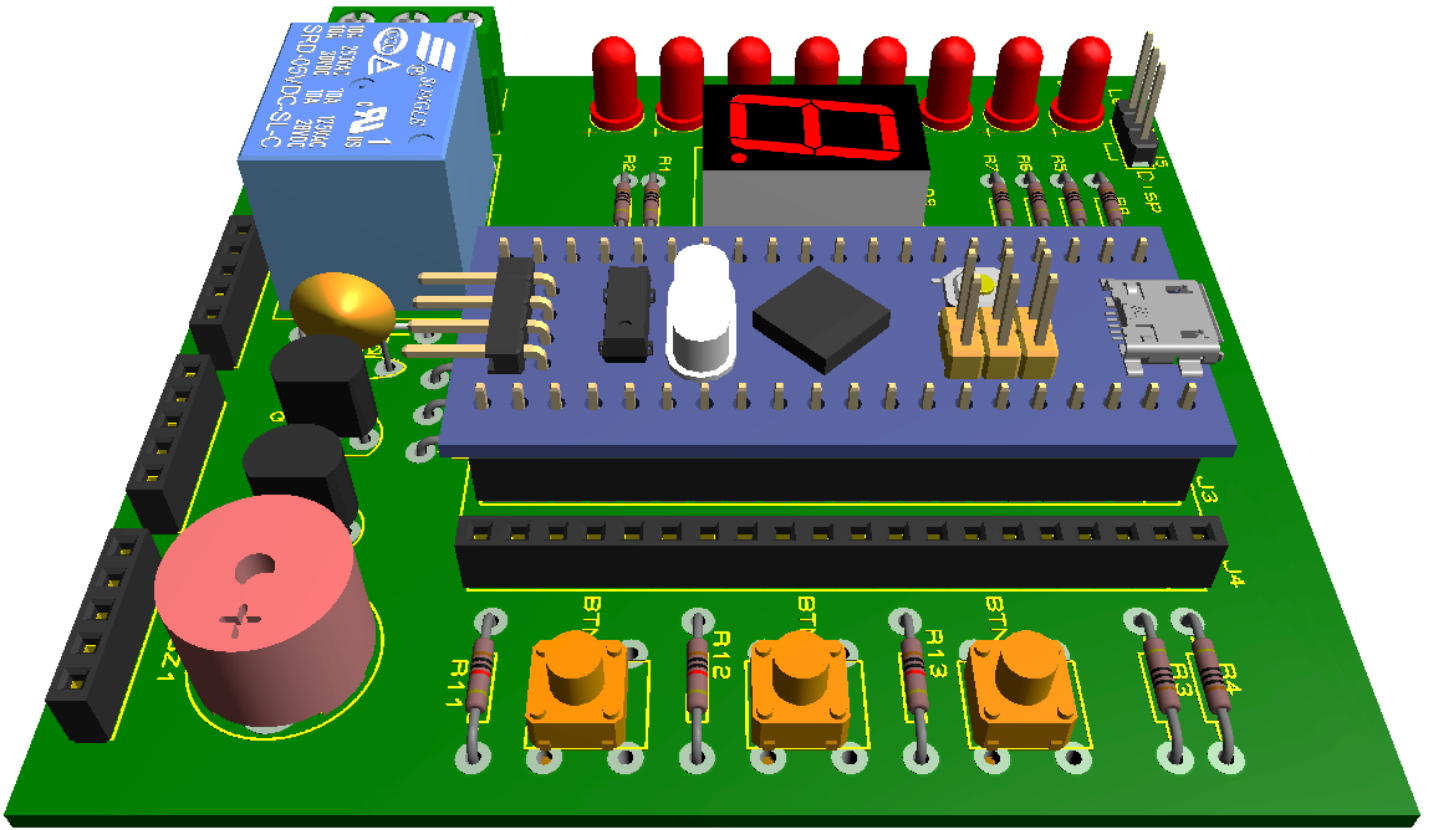
ASELSAN M.T.A.L.



KART LEHİMLENDİKTEN SONRA STM32F103C8T6 KARTI DEVREYE AŞAĞIDAKİ ŞEKİLDEKİ GİBİ J2 VE J3 DİŞİ HEADERLERİ İLE MONTE EDİLECEKTİR.







Eğer 20 pin ve 5 pin dişi header temin edemeyip sadece 40 pin dişi header bulabiliyorsanız karttaki tüm dişi headerler için 3 adet 40 pin 2.54mm pin aralıklı (tek sıra) dişi header almanız yeterlidir. Bu headerleri aşağıdaki şekilde kesip kullanabilirsiniz.

