

ASELSAN MESLEKİ TEKNİK VE ANADOLU LİSESİ

İSİM: Fatma Asra Sevinç

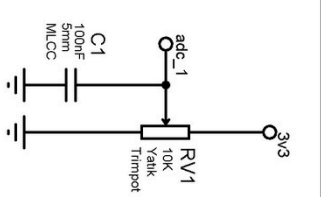
SINIF: 11-B

NUMARA: 659

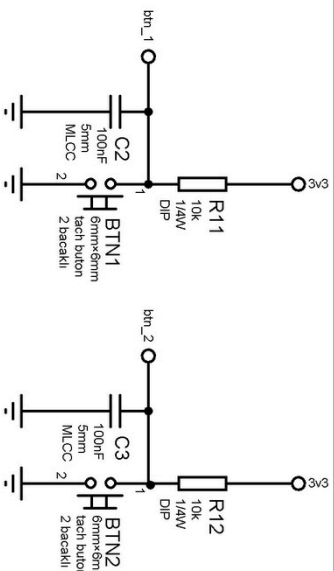
DERS ÖĞRETMENİ: MUSTAFA SEYHAN



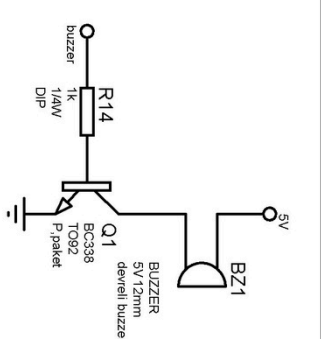
STM32F103 MİKRODENETLEYİCİ KART



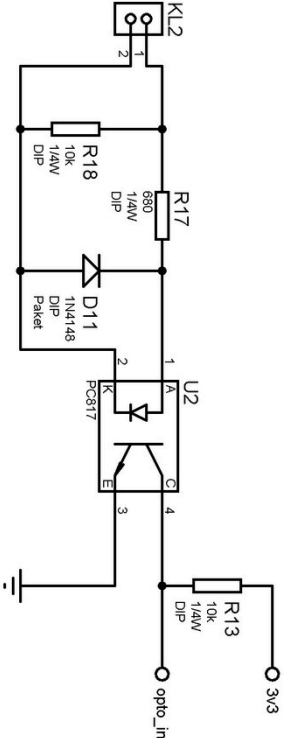
GİRİŞ-ANALOG



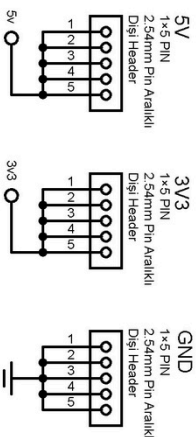
GİRİŞ-BUTON (DİJİTAL)



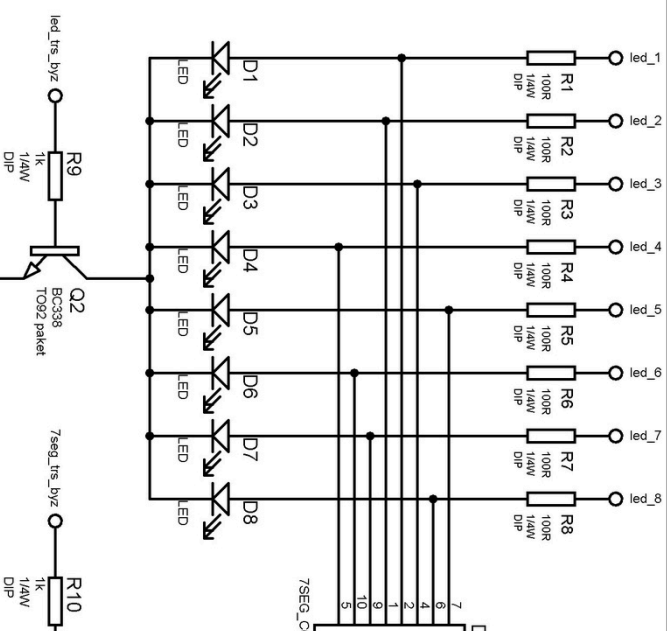
ÇIKIŞ-BUZZER



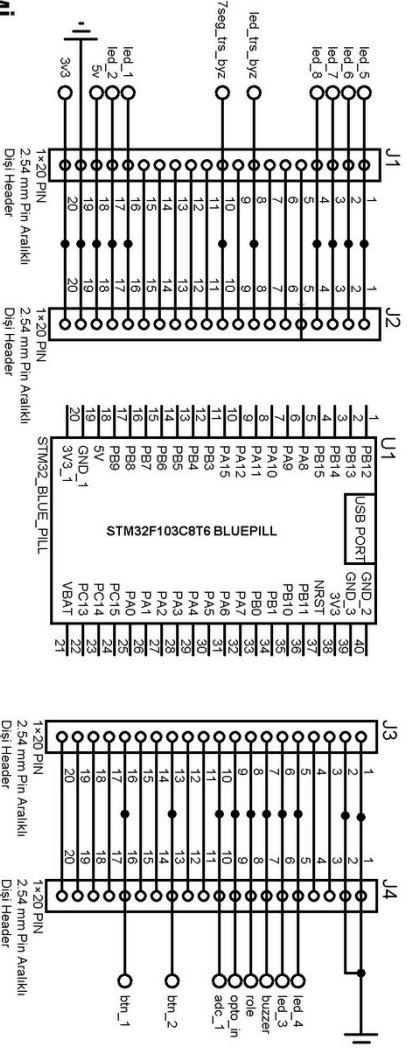
GİRİŞ-OPTO COUPLER (DİJİTAL)



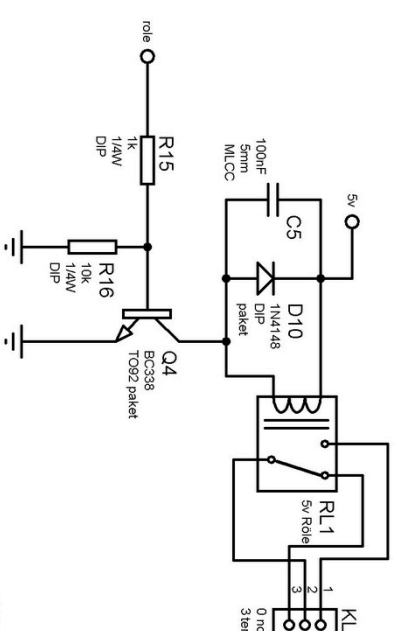
GÜÇ DAĞITIM BİRİMİ



ÇIKIŞ-LED-DISPLAY



MCU BİRİMİ



ÇIKIŞ

FILE NAME: sema_dizayn[1]

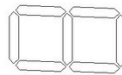
DESİGN TITLE: sema_dizayn[1]

PATH: C:\Users\imase\Downloads\se

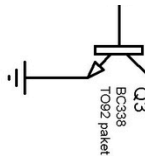
BY: @AUTHOR

BOARD: @BOARD

14mm
7 Segment
Ortak Katod
09 Display



C_14MM
09



1
veya 1 no
terminali klemens

İŞ-RÖLE

DEVRE ŞEMASI

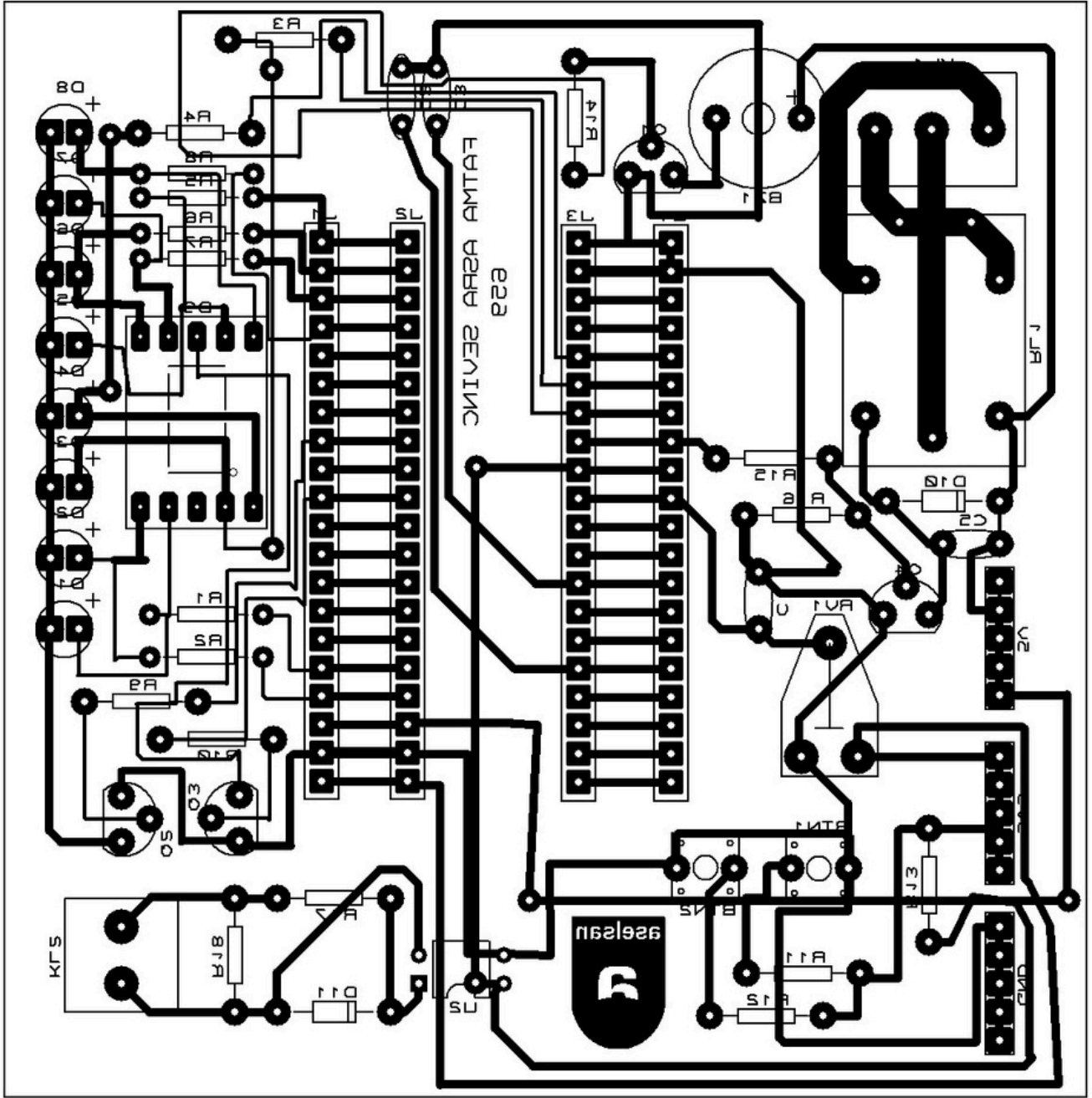
yenii2.pdsproj DATE:

yenii2.pdsproj 5.11.2025

ima_dizayni[i]yeni2.pdsproj

REV:@REV

1 of 1
TIME: 00:01:50



YERLEŞİM PLANI (OVERLAY)

Bill Of Materials for sema_dizayn[1]yeni12

Design Title sema_dizayn[1]yeni12
Author
Document Number
Revision
Design Created 15 Kasım 2025 Cumartesi
Design Last Modified 15 Kasım 2025 Cumartesi
Total Parts In Design 53

0 Modules				
Quantity	References	Value	Stock Code	Unit Cost
Sub-totals:				₺0,00
4 Capacitors				
Quantity	References	Value	Stock Code	Unit Cost
4	C1-C3,C5	100nF	Farnell 317-287	
Sub-totals:				₺0,00
18 Resistors				
Quantity	References	Value	Stock Code	Unit Cost
8	R1-R8	100R		
4	R9-R10,R14-R15	1k		
5	R11-R13,R16,R18	10k		
1	R17	680		
Sub-totals:				₺0,00
2 Integrated Circuits				
Quantity	References	Value	Stock Code	Unit Cost
1	U1	STM32_BLUE_PILL		
1	U2	PC817		
Sub-totals:				₺0,00
4 Transistors				
Quantity	References	Value	Stock Code	Unit Cost
4	Q1-Q4	BC338		
Sub-totals:				₺0,00
11 Diodes				
Quantity	References	Value	Stock Code	Unit Cost
8	D1-D8	LED		
1	D9	7SEG_CC_14MM		
2	D10-D11	1N4148		
Sub-totals:				₺0,00
14 Miscellaneous				
Quantity	References	Value	Stock Code	Unit Cost
3	3V3,5V,GND		NorComp 26830501RP2	
5	BTN1-BTN2,BZ1,KL1-KL2			
4	J1-J4		NorComp 25832001RP2	
1	RL1	5v Röle		
1	RV1	10K	Digikey 3214G-103EDK/R-ND	
Sub-totals:				₺0,00
Totals:				₺0,00

MALZEME LİSTESİ (BILL OF MATERIALS)

