

ASELSAN MESLEKİ VE TEKNİK ANADOLU LİSESİ

STM32F103 GELİŞTİRME KARTI

Hazırlayan:

Adı: Zehranur Bayraktar

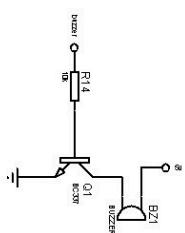
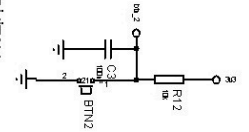
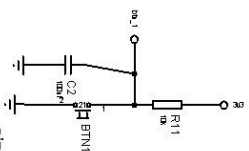
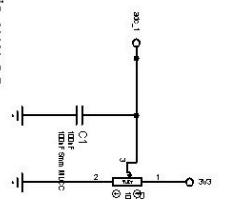
Sınıfı: 11/A

No:674

Ders Öğretmeni: Mustafa Seyhan



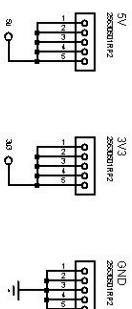
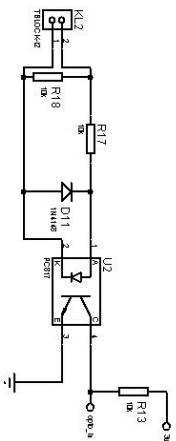
ISIS DEVRE ŞEMASI



GIRIŞ-ANALOG

GİRİŞ-BUTON(DİJİTAL)

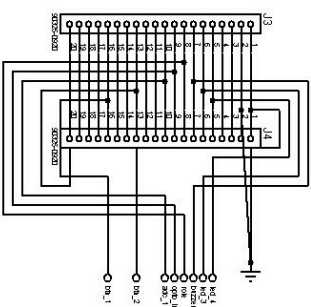
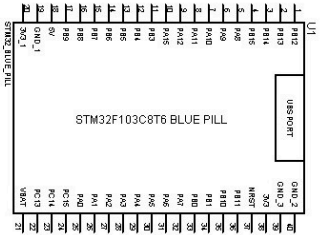
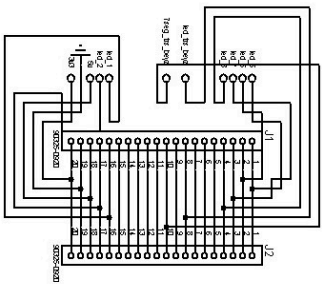
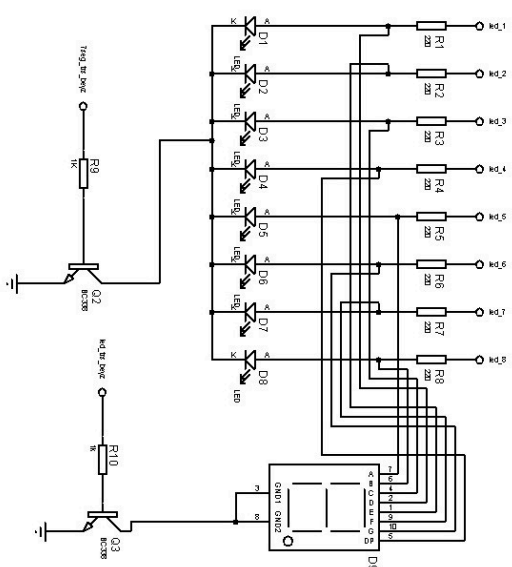
ÇIKIŞ - BUZZER



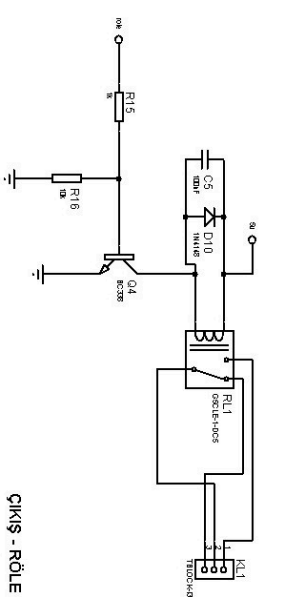
GIRIŞ - OPTO COUPLER (DIGITAL)

GÜÇ DAĞITIM BİRİMİ

ÇIKIŞ - LED - DISPLAY

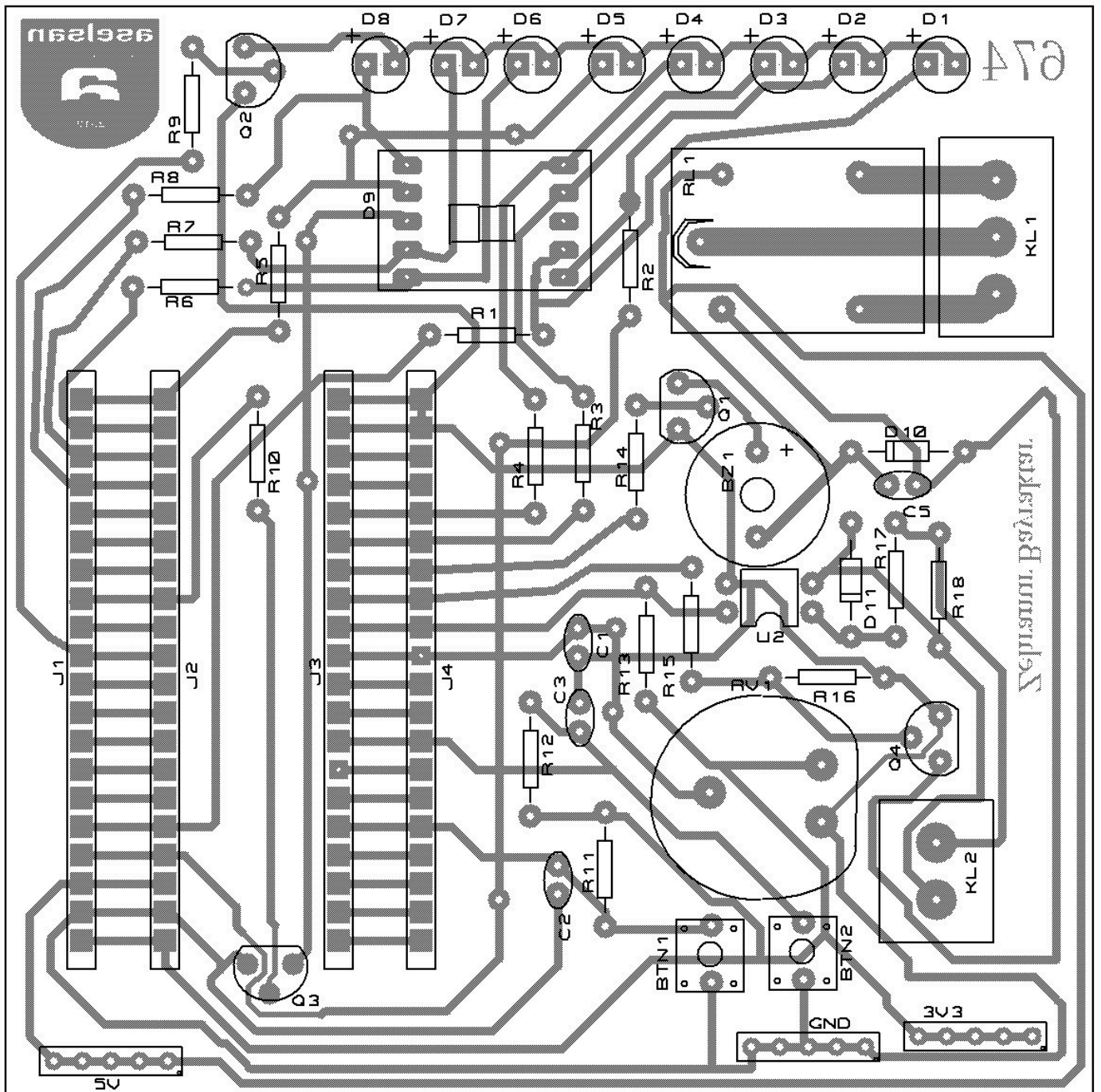


MCU BİRİMİ



ÇIKIŞ - RÖLE

YERLEŞME PLANI (OVERLAY)



Bill Of Materials for 674proje

Design Title 674proje
Author
Document Number
Revision
Design Created 12 Kasım 2025 Çarşamba
Design Last Modified 14 Kasım 2025 Cuma
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		
Sub-totals:				₺0.00
18 Resistors				
Quantity	References	Value	Stock Code	Unit Cost
8	R1-R8	220		
1	R9	1K		
2	R10,R15	1k		
7	R11-R14,R16-R18	10k		
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
1	Q1	BC337		
3	Q2-Q4	BC338		
Sub-totals:				₺0.00
11 Diodes				
Quantity	References	Value	Stock Code	Unit Cost
7	D1-D6,D8	LED		
2	D7,D9			
2	D10-D11	1N4148		
Sub-totals:				₺0.00
14 Miscellaneous				
Quantity	References	Value	Stock Code	Unit Cost
3	3V3,5V,GND	25630501RP2	NorComp 25630501RP2	
2	BTN1-BTN2			
1	BZ1	BUZZER		
4	J1-J4	90325-0920	Molex 0903250920	
1	KL1	TBLOCK-I3		
1	KL2	TBLOCK-I2		
1	RL1	G5CLE-1-DC5		
1	RV1	10k		
Sub-totals:				₺0.00
Totals:				₺0.00

