

# STM32F103 GELİŞTİRME KARTI

ASELSAN MESLEKİ VE TEKNİK  
ANADOLU LİSESİ

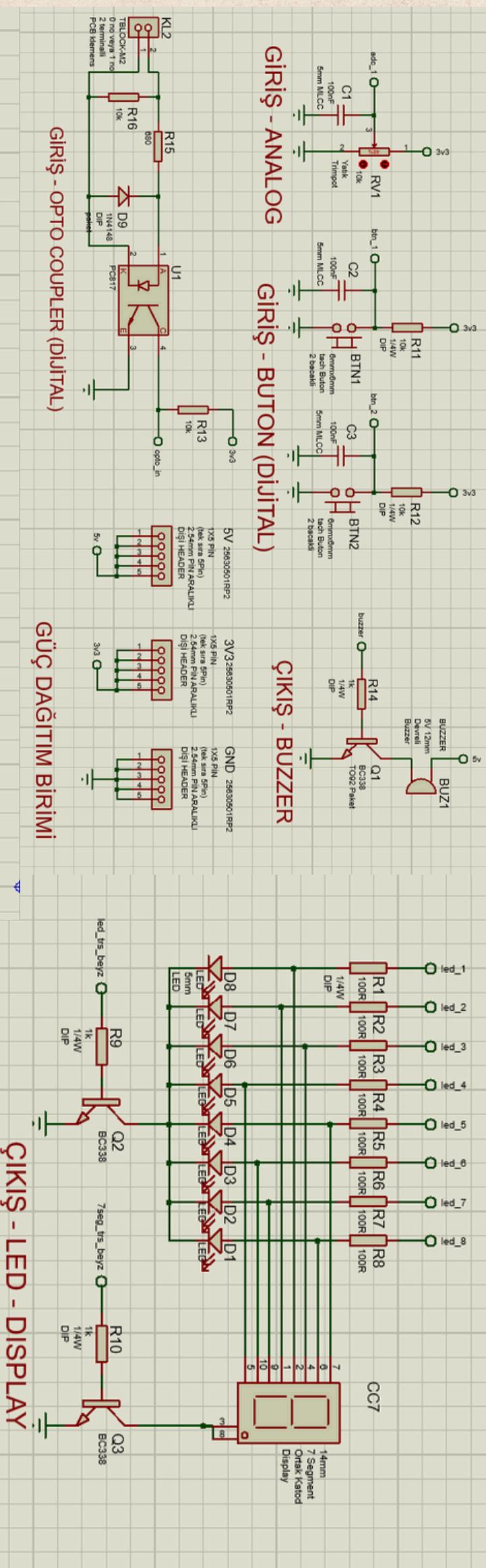
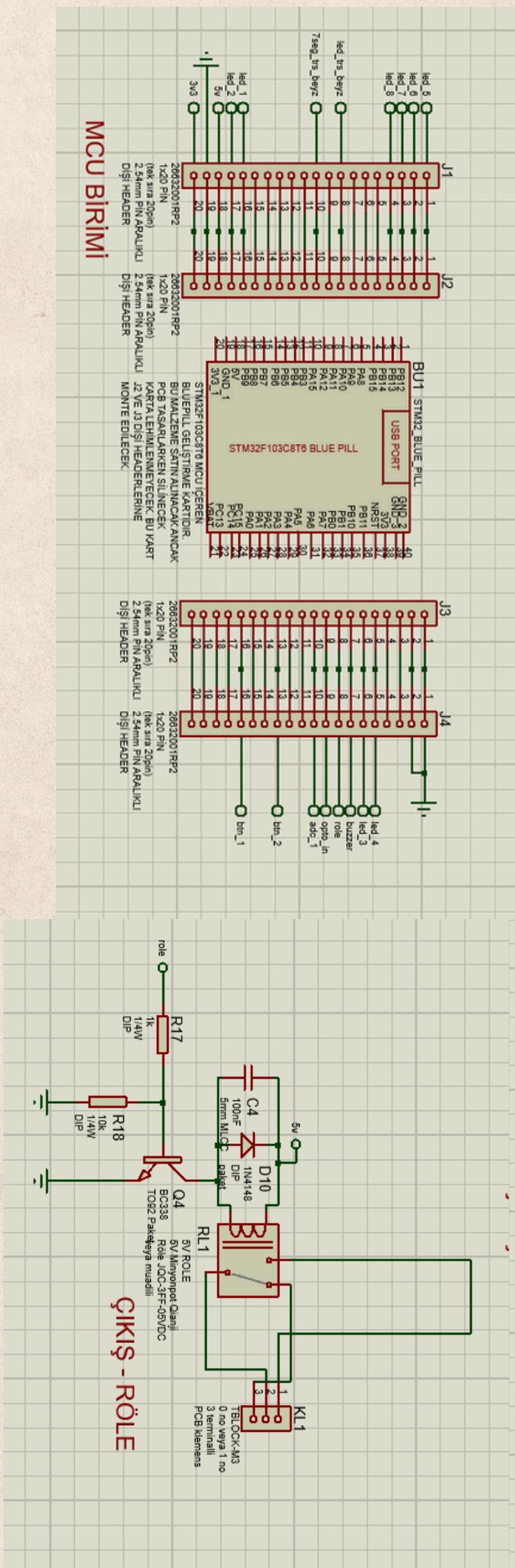
ABDULLAH  
YASIR RECEP

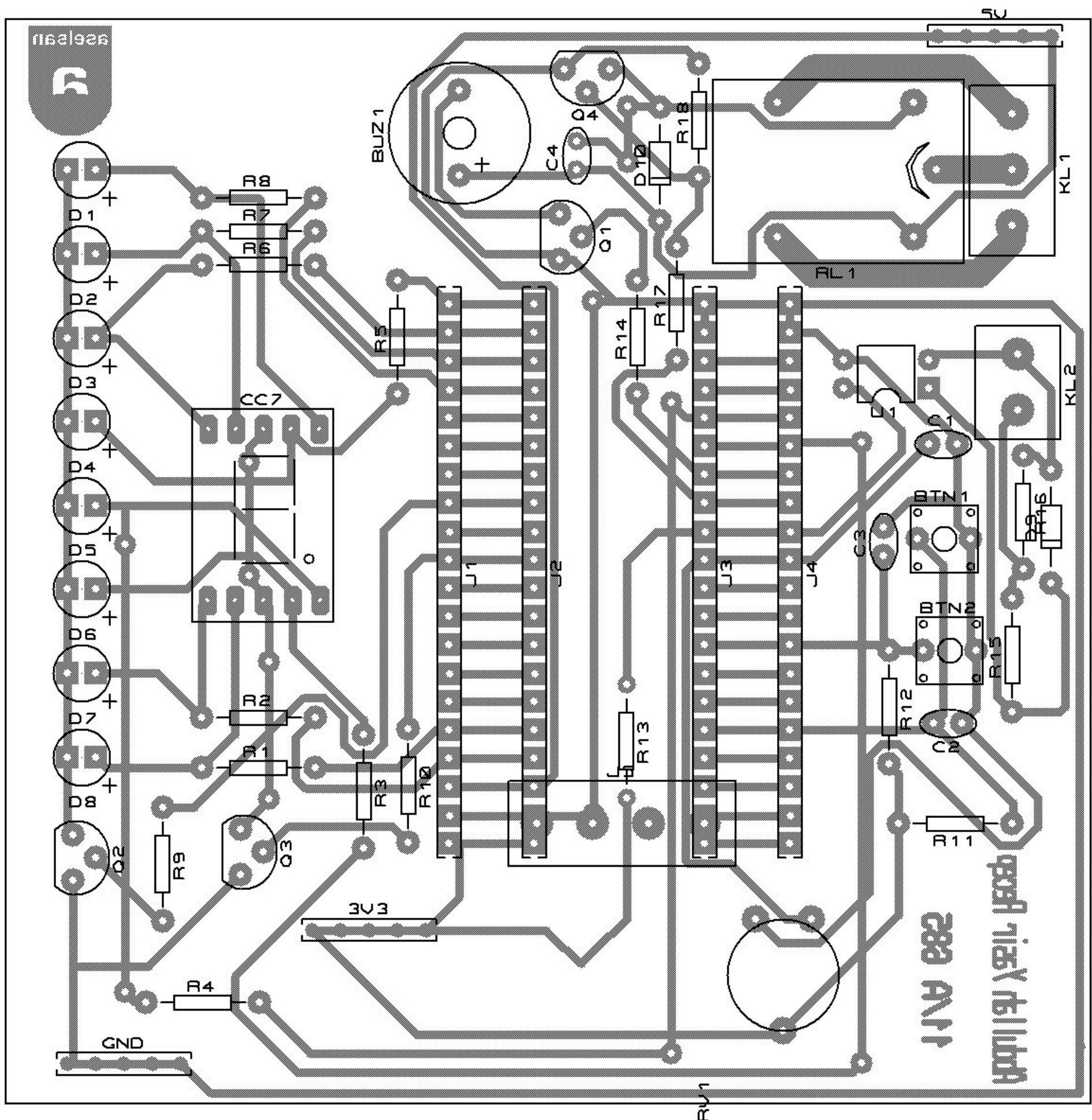
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11/A 685

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14 KASIM 2025





**YERLEŞİM PLANI(OVERLAY)**

## Bill Of Materials for mdpödev\_685\_11/A

Design Title mdpödev\_685\_11/A

Author Abdullah Yasir Recep

Document Number

Revision

Design Created 14 Kasım 2025 Cuma

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,C2,C3,C4	100nF		
Sub-totals:				€0,00
18 Resistors				
Quantity	References	Value	Stock Code	Unit Cost
8	R1,R2,R3,R4,R5,R6,R7,R8	100R		
4	R9,R10,R14,R17	1k		
5	R11,R12,R13,R16,R18	10k		
1	R15	680		
Sub-totals:				€0,00
1 Integrated Circuits				
Quantity	References	Value	Stock Code	Unit Cost
1	U1	PC817		
Sub-totals:				€0,00
4 Transistors				
Quantity	References	Value	Stock Code	Unit Cost
4	Q1,Q2,Q3,Q4	BC338		
Sub-totals:				€0,00
10 Diodes				
Quantity	References	Value	Stock Code	Unit Cost
8	D1,D2,D3,D4,D5,D6,D7,D8	LED		
2	D9,D10	1N4148		
Sub-totals:				€0,00
16 Miscellaneous				
Quantity	References	Value	Stock Code	Unit Cost
3	3V3,5V,GND	25630501RP2	NorComp 25630501RP2	
3	BTN1,BTN2,CC7			
1	BU1	STM32_BLUE_PILL		
1	BUZ1	BUZZER		
4	J1,J2,J3,J4	26632001RP2	NorComp 26632001RP2	
1	KL1	TBLOCK-M3		
1	KL2	TBLOCK-M2		
1	RL1	RLY-SPOO		
1	RV1	10k		
Sub-totals:				€0,00
Totals:				€0,00

