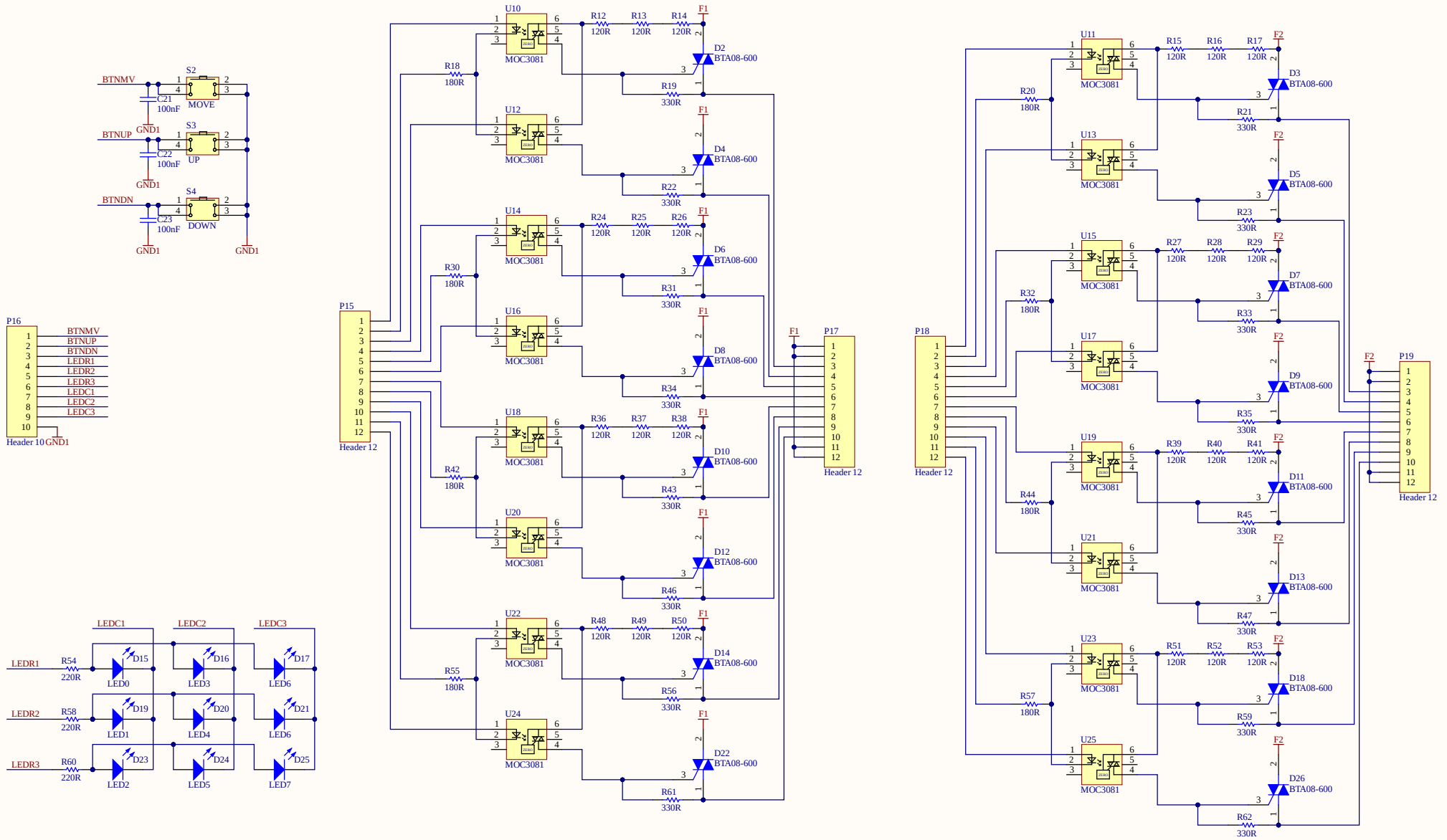
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BTNUP
BTNDN
S2
S3
S4
MOVE
UP
DOWN
C21
C22
C23
100nF
GND1
P16
Header 10
LEDR1
LEDR2
LEDR3
LEDC1
LEDC2
LEDC3
R54
R58
R60
220R
D15
D16
D17
D19
D20
D21
D23
D24
D25
LED0
LED3
LED6
LED1
LED4
LED6
LED2
LED5
LED7
P15
Header 12
U10
U12
U14
U16
U18
U20
U22
U24
MOC3081
R12
R13
R14
R18
R19
R24
R25
R26
R30
R31
R36
R37
R38
R42
R43
R48
R49
R50
R55
R56
R61
120R
180R
330R
D2
D4
D6
D8
D10
D12
D14
D22
BTA08-600
F1
P17
U11
U13
U15
U17
U19
U21
U23
U25
R15
R16
R17
R20
R21
R27
R28
R29
R32
R33
R39
R40
R41
R44
R45
R51
R52
R53
R57
R59
R62
D3
D5
D7
D9
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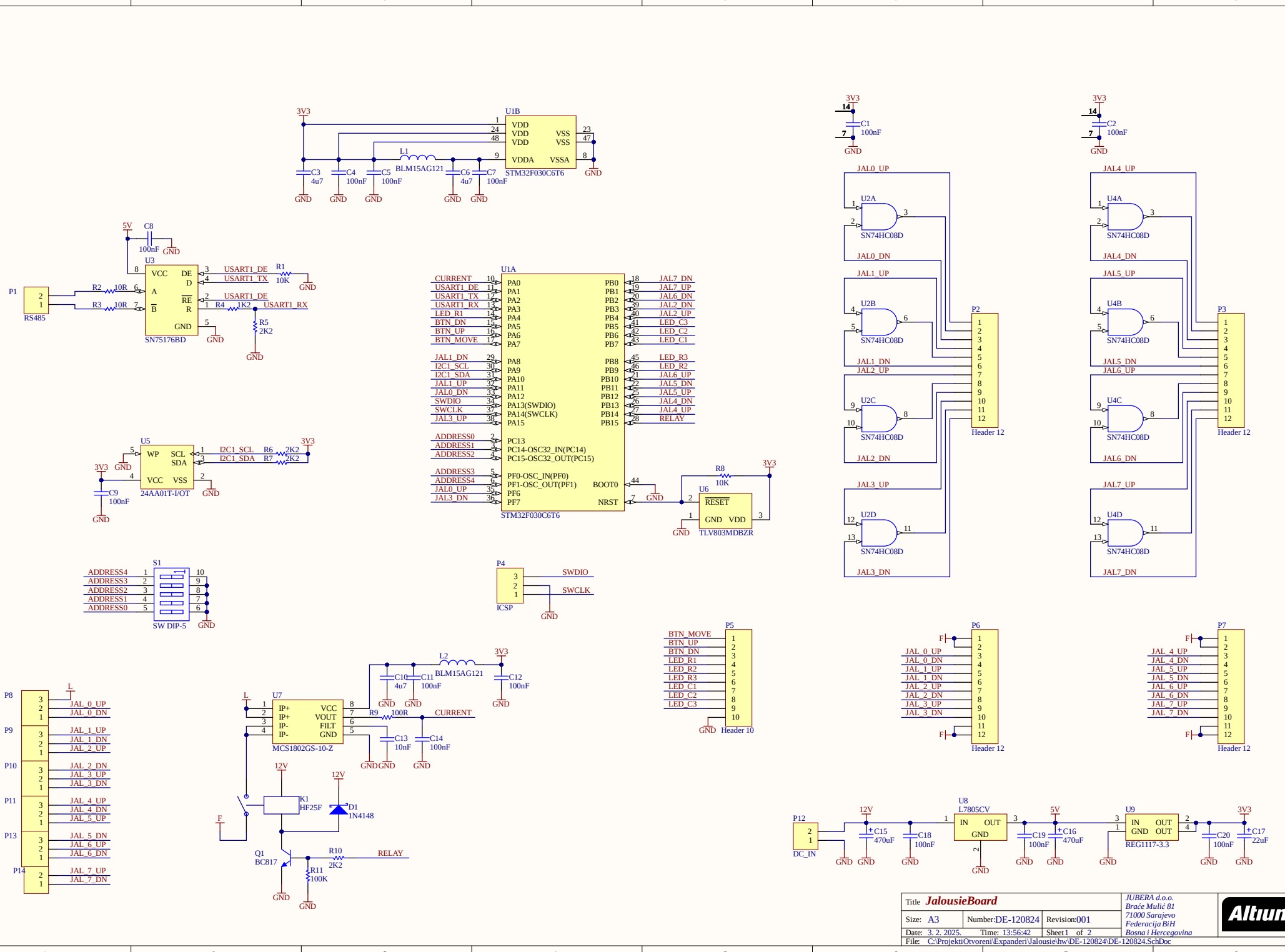
D13
D18
D26
F2
P18
P19
Title JalousieBoard
Size: A3
Number:DE-120824
Revision:001
Date: 3. 2. 2025.
Time: 13:56:41
Sheet 1 of 2
File: C:\ProjektiOtvoreni\Expanderi\Jalousie\hw\DE-120824\DE-120824_01.SchDoc
JUBERA d.o.o.
Braće Mulić 81
71000 Sarajevo
Federacija BiH
Bosna i Hercegovina
Altium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VSS
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C5 100nF
C6 4u7
C7 100nF
C1 100nF
C2 100nF
U3
SN75176BD
RS485
R1 10K
R2 10R
R3 10R
R4 1K2
R5 2K2
C8 100nF
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USART1_TX
USART1_RX
U1A
STM32F030C6T6
CURRENT
LED_R1
BTN_DN
BTN_UP
BTN_MOVE
JAL1_DN
I2C1_SCL
I2C1_SDA
JAL1_UP
JAL0_DN
SWDIO
SWCLK
JAL3_UP
ADDRESS0
ADDRESS1
ADDRESS2
ADDRESS3
ADDRESS4
JAL0_UP
JAL3_DN
JAL7_DN
JAL7_UP
JAL6_DN
JAL2_DN
JAL2_UP
LED_C3
LED_C2
LED_C1
LED_R3
LED_R2
JAL6_UP
JAL5_DN
JAL5_UP
JAL4_DN
JAL4_UP
RELAY
U5
24AA01T-I/OT
I2C1_SCL
I2C1_SDA
R6 2K2
R7 2K2
C9 100nF
R8 10K
U6
TLV803MDBZR
RESET
S1
SW DIP-5
P4
ICSP
SWDIO
SWCLK
U2A
U2B
U2C
U2D
SN74HC08D
P2
Header 12
U4A
U4B
U4C
U4D
P3
P5
Header 10
P6
P7
P8
P9
P10
P11
P13
P14
JAL_0_UP
JAL_0_DN
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JAL_1_DN
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JAL_4_DN
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BC817
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P12
DC_IN
U8
L7805CV
C15 470uF
C18 100nF
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U9
REG1117-3.3
C20 100nF
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5V
12V
GND
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Size: A3
Number:DE-120824
Revision:001
Date: 3. 2. 2025.
Time: 13:56:42
Sheet 1 of 2
File: C:\ProjektiOtvoreni\Expanderi\Jalousie\hw\DE-120824\DE-120824.SchDoc
JUBERA d.o.o.
Braće Mulić 81
71000 Sarajevo
Federacija BiH
Bosna i Hercegovina
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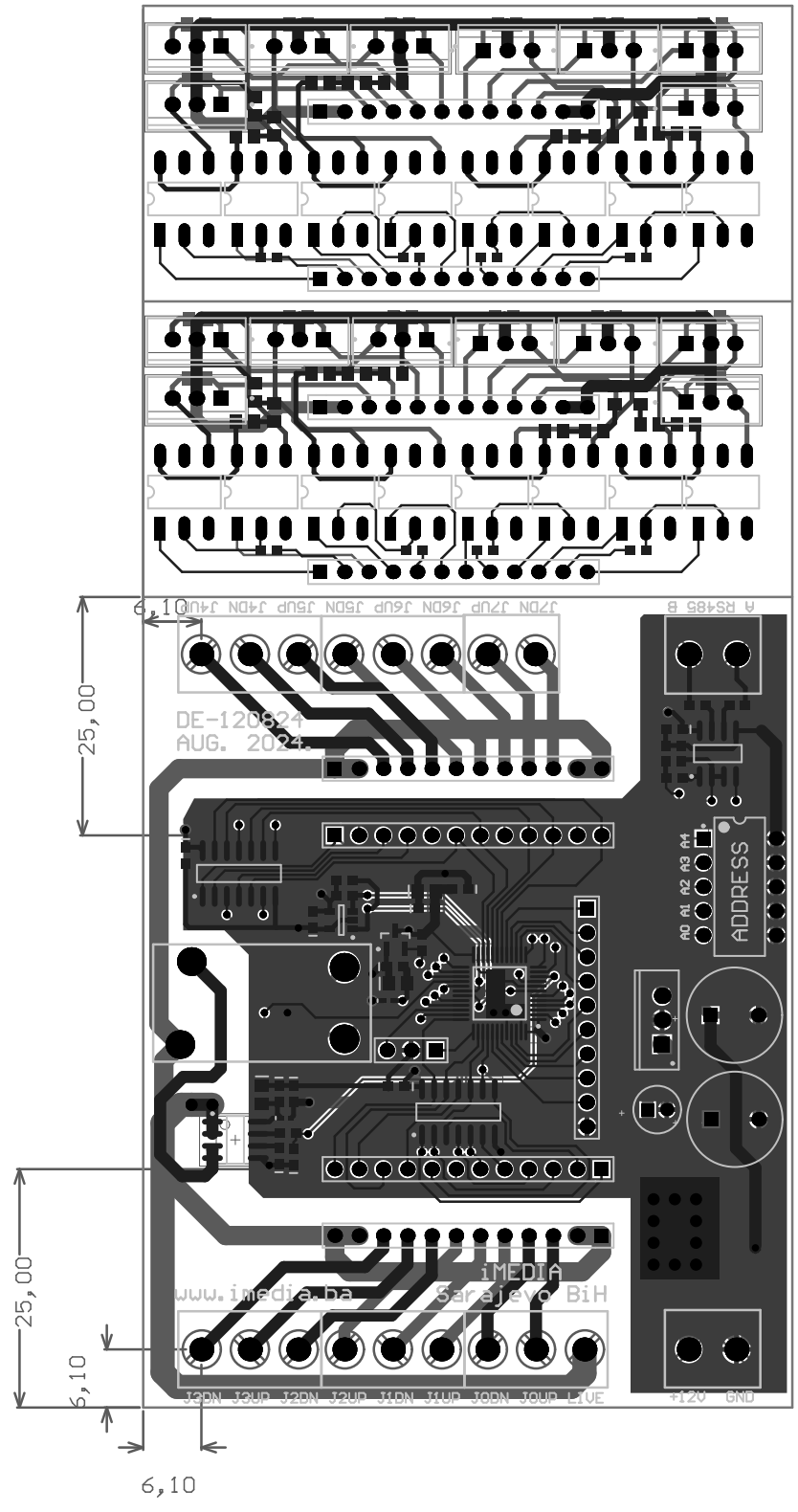
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DE-120824
AUG. 2024
J7DN J7UP J6DN J6UP J5DN J5UP J4DN J4UP
A RS485 B
ADDRESS
A0 A1 A2 A3 A4
iMEDIA
www.imedia.ba Sarajevo BiH
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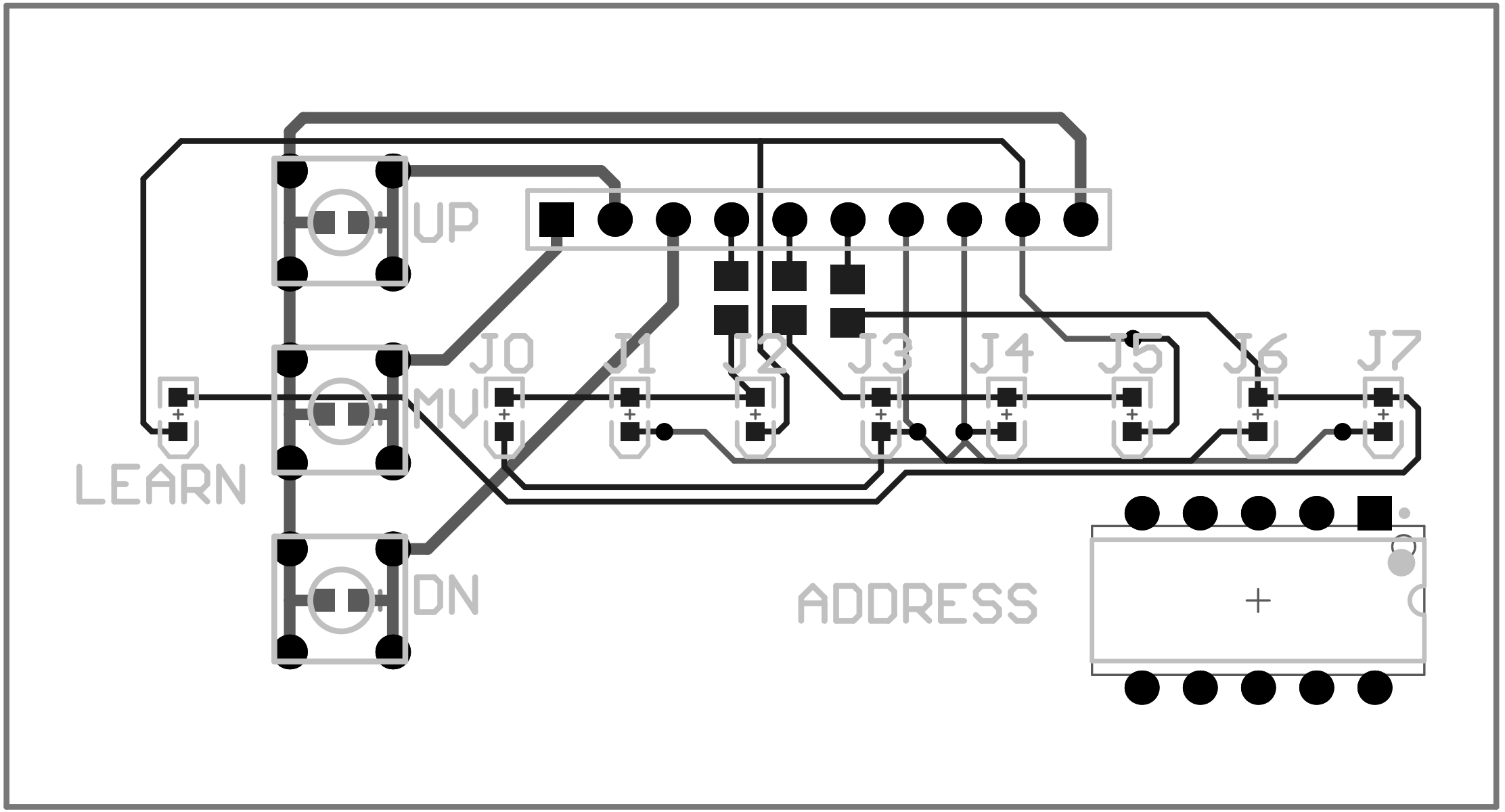
+12V GND
25,00
6,10
6,10


UP
MV
DN
LEARN
J0
J1
J2
J3
J4
J5
J6
J7
ADDRESS

Board Stack Report