



Port definition (from End-Effector POV)					
TOP3		TOP2		TOP1	
R LIMIT MIN	R HOME		THETA HOME		SERVO 1
BETA LIMIT MIN	ALPHA LIMIT MIN		THETA LIMIT CLW		SERVO 2
BETA LIMIT MAX	ALPHA LIMIT MAX		THETA LIMIT CCW		SERVO 3
BETA ENCODER		ALPHA ENCODER		THETA ENCODER	
BOT3		BOT2		BOT1	

TOP			
7	5	3	1
8	6	4	2

BOT			
2	4	6	8
1	3	5	7

ENCODER			
GND	B	A	PWR

LIM. SW. / HOME SNS.		
GND	SIG	PWR

SERVO		
GND	PWM	+5V

END EFFECTOR

File: aux_board_3_ee.kicad_sch

MODBUS, servos
Dual power!
Connectors inside

SRV1_PWM	SRV1_PWM
SRV2_PWM	SRV2_PWM
SRV3_PWM	SRV3_PWM

AUX BOARD 3 POWER

File: auxboards_power.kicad_sch

ENC_PWRD	ENC_PWR
LIM_PWRD	LIM_PWR
HOM_PWRD	HOM_PWR

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File: Aux_board_3.kicad_sch

Title: Karcsi (INDACT Robot Arm) – Aux. Control Board 3

Size: A4	Date: 2024-05-20
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Size: A4	
KiCad E.D.A. 8.0.2	

Rev: 1.1

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