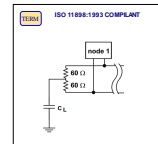


POWER LIMITATIONS

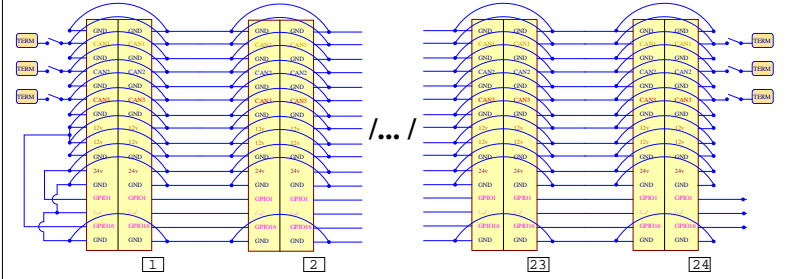
300W all modules
24V 15A 24V 15A = 360W
144W ABSOLUTE MAXIMUM ONE MODULE
24V 6A 24V 12A 12A = 144W

PSU REQUIREMENTS

24V 6.25A 12V 12.5A

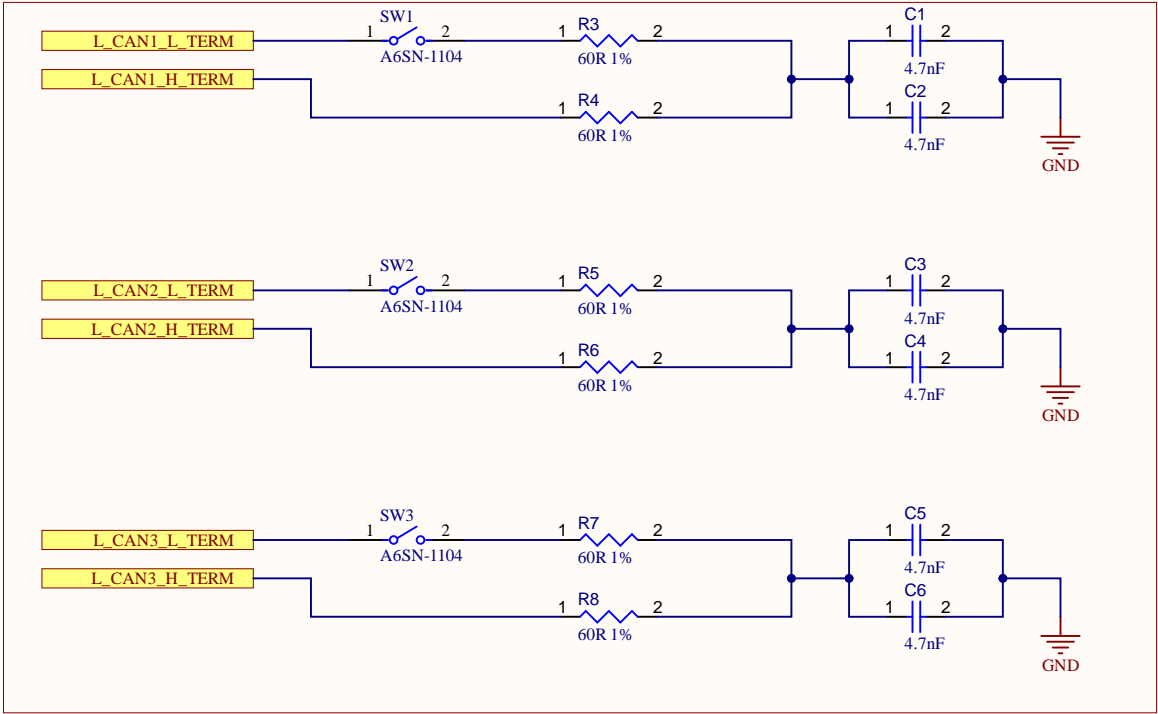


ARIADNA MODULAR CARRIER PINOUT



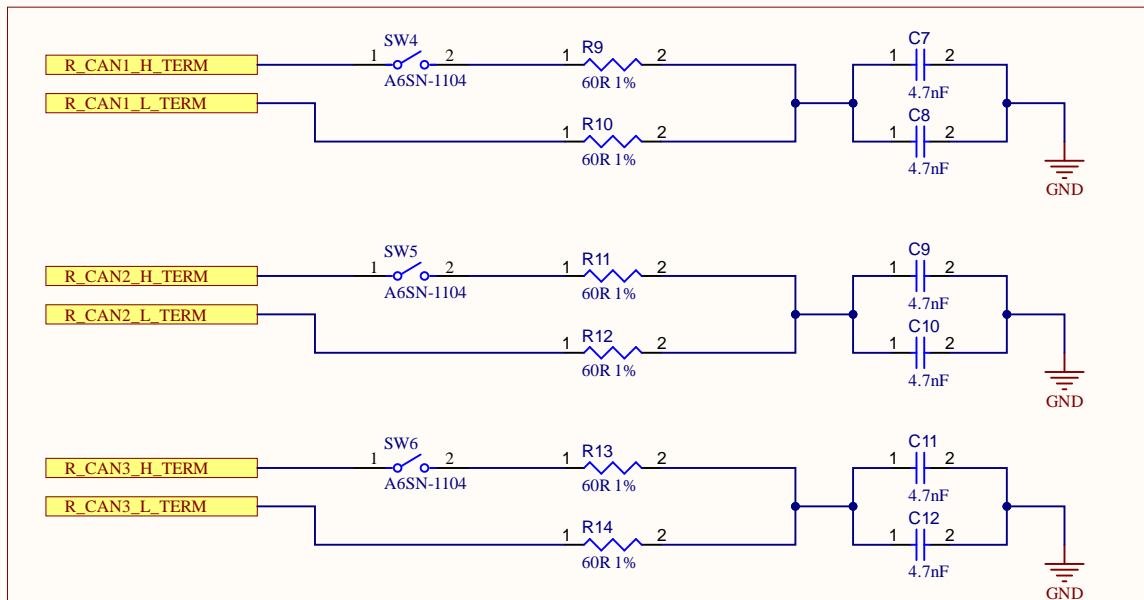
Title			CARRIER BOARD
Rev	Number	Revision	
1.0	1.0	1.0	1.0

L

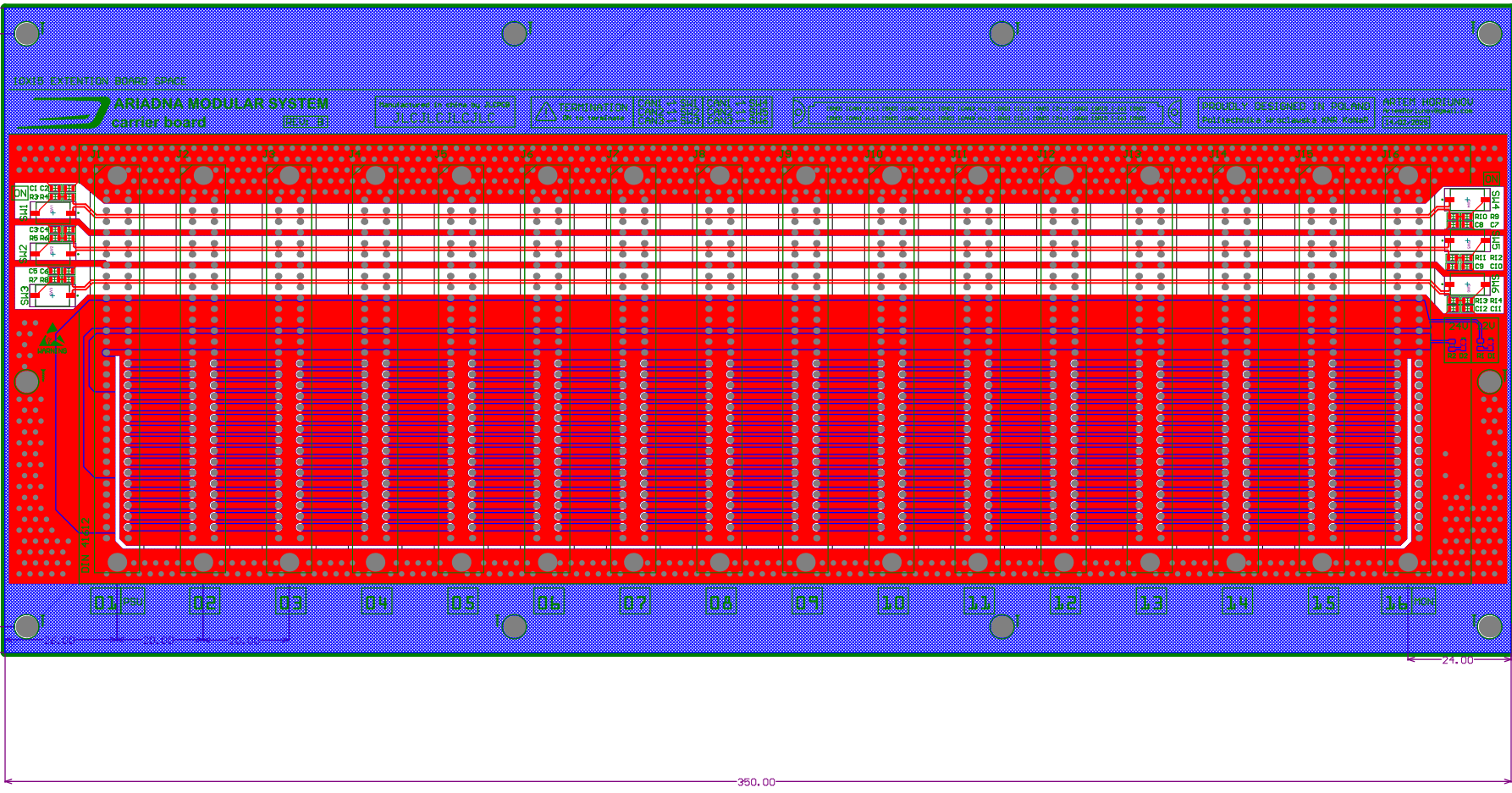


Title			CAN TERMINATION	
Size	Number		Revision	
A4				
Date:	2/14/2025		Sheet of	ARIADNA MODULAR SYSTEM
File:	F:\Projects\...\CAN_TERM_LEFT.SchDoc		Drawn By:	ARTEM HORIUNOV

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Title			CAN TERMINATION	
Size	Number		Revision	
A4				
Date:	2/14/2025	Sheet of	ARIADNA MODULAR SYSTEM	
File:	F:\Projects\...\CAN_TERM_RIGHT.SchDoc	Drawn By:	ARTEM HORIUNOV	



Comment	Description	Designator	Footprint	LibRef	Quantity
Capacitor 4.7μF +/- 40% 25V 0805	Chip Capacitor, 4.7μF +/- 40%, 25V, 0805, Thickness 1.45 mm	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12	CAPC0805(2012)145_L	CMP-001-00080-4	12
RED	LED Uni-Color Red, 65 mW, 20 mA, -40 to 85 degC, 2-Pin SMD, RoHS, Tape and Reel	D1, D2	AVAG-HSMX-C190_V	CMP-1744-00004-1	2
09032646824	DIN Cfemale straight 64pin, 2.9mm tails, PL2 (rows a,c loaded)	J1, J2, J3, J4, J5, J6, J7, J8, J9, J10, J11, J12, J13, J14, J15, J16	09032646824	09032646824	16
4D7R5J	4R7 0.125W 5% 0805 (2012 Metric) SMD	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14	RESC0805(2012)_L	CMP-009-00106-2	14
A6SN-1104	SWITCH SLIDE DIP SPST 25MA 24V	SW1, SW2, SW3, SW4, SW5, SW6	FP-A6SN-1104-MFG	CMP-08827-000077-1	6