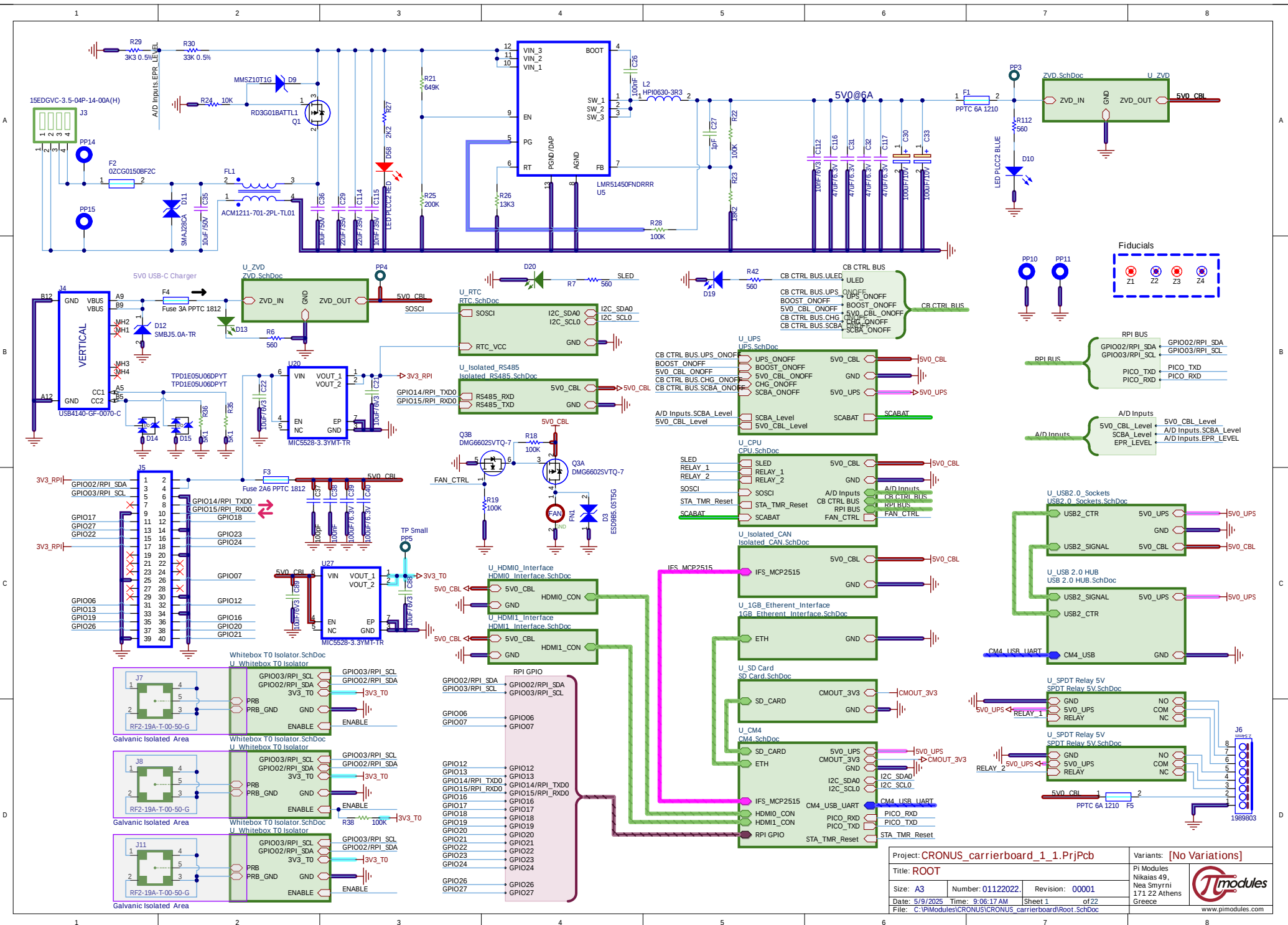
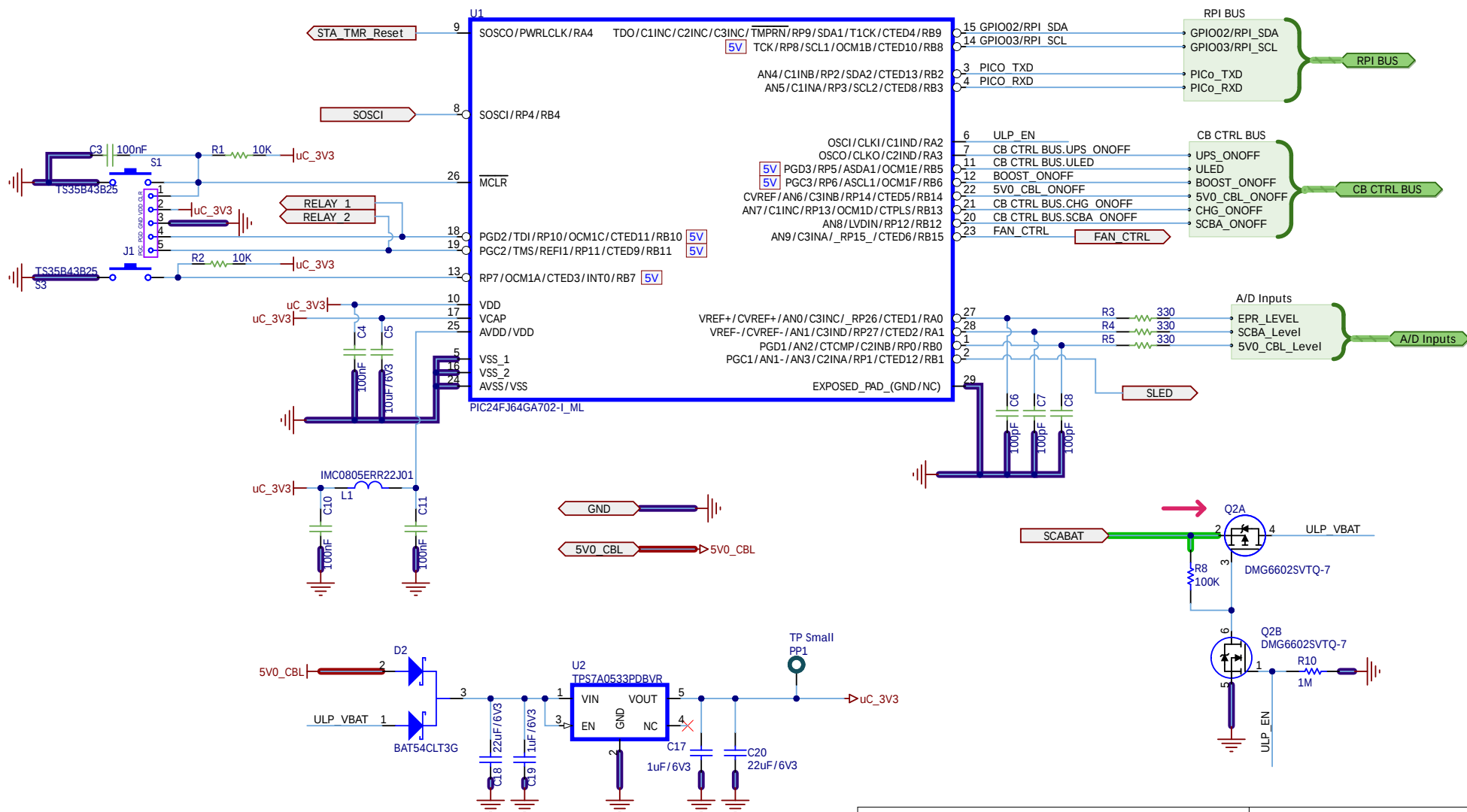
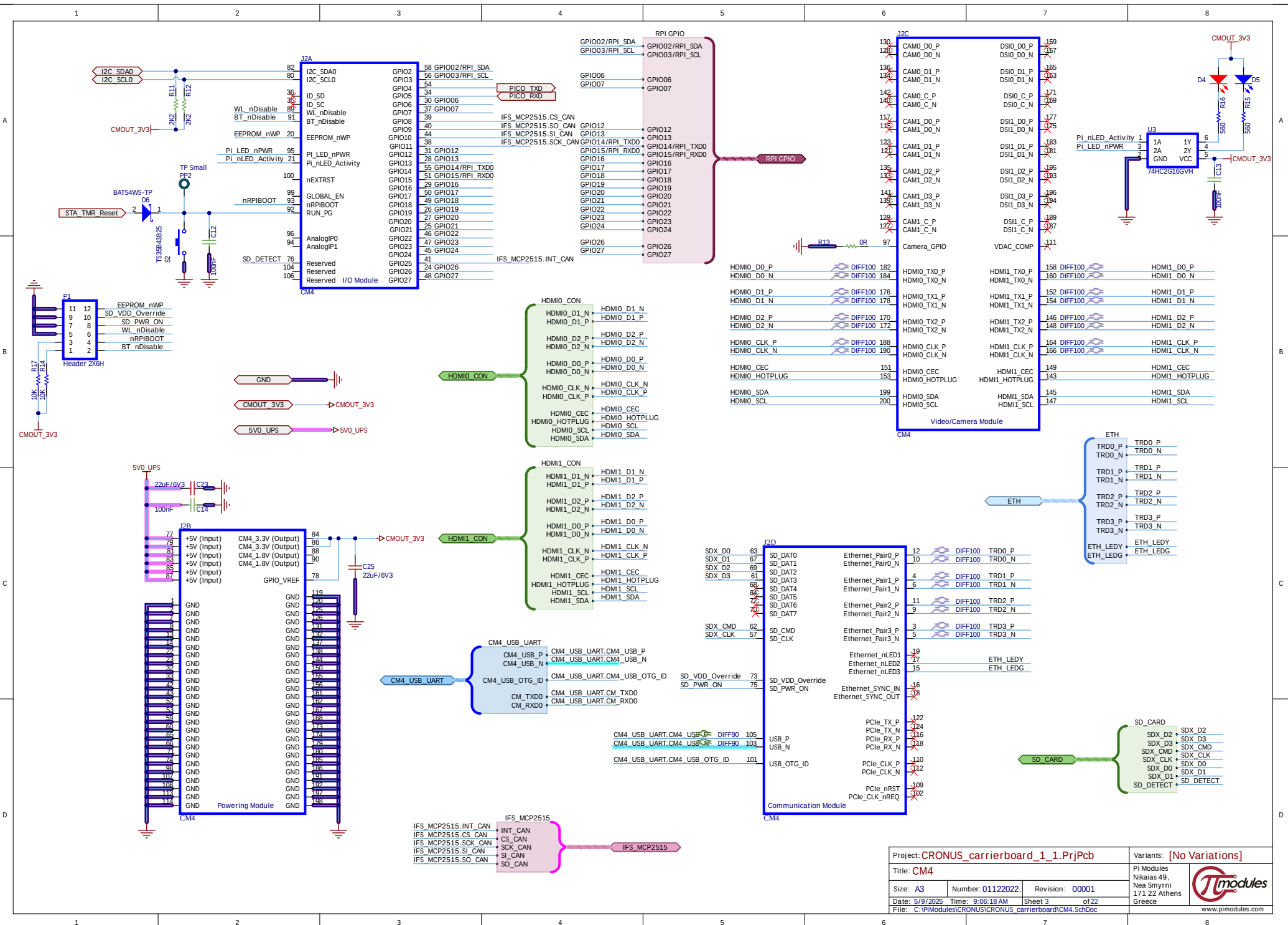


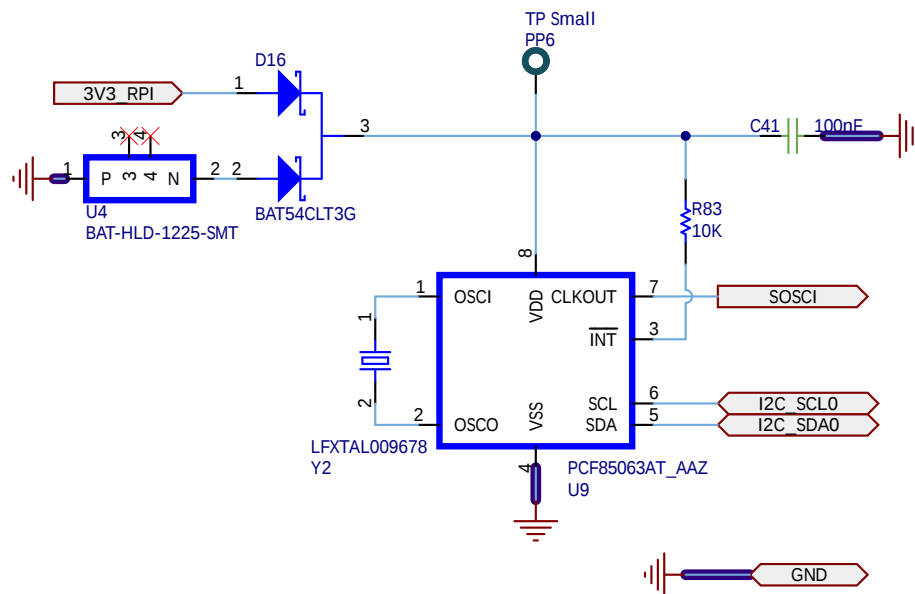


Project: CRONUS_carrierboard_1_1.PrjPcb			Variants: [No Variations]	
Title: ROOT			Pi Modules Nikaïas 49, Nea Smyrni 171 22 Athens Greece	
Size: A3	Number: 01122022	Revision: 00001	 www.pimodules.com	
Date: 5/9/2025	Time: 9:06:17 AM	Sheet 1 of 22		
File: C:\PModules\CRONUS\CRONUS_carrierboard\Root.SchDoc				



Project: CRONUS_carrierboard_1_1.PrcPcb			Variants: [No Variations]	
Title: CPU			Pi Modules Nikaias 49, Nea Smyrni 171 22 Athens Greece  www.pimodules.com	
Size: A4	Number: 01122022	Revision: 00001		
Date: 5/9/2025	Time: 9:06:17 AM	Sheet 2 of 22		
File: C:\PiModules\CRONUS\CRONUS_carrierboard\CPU.SchDoc				

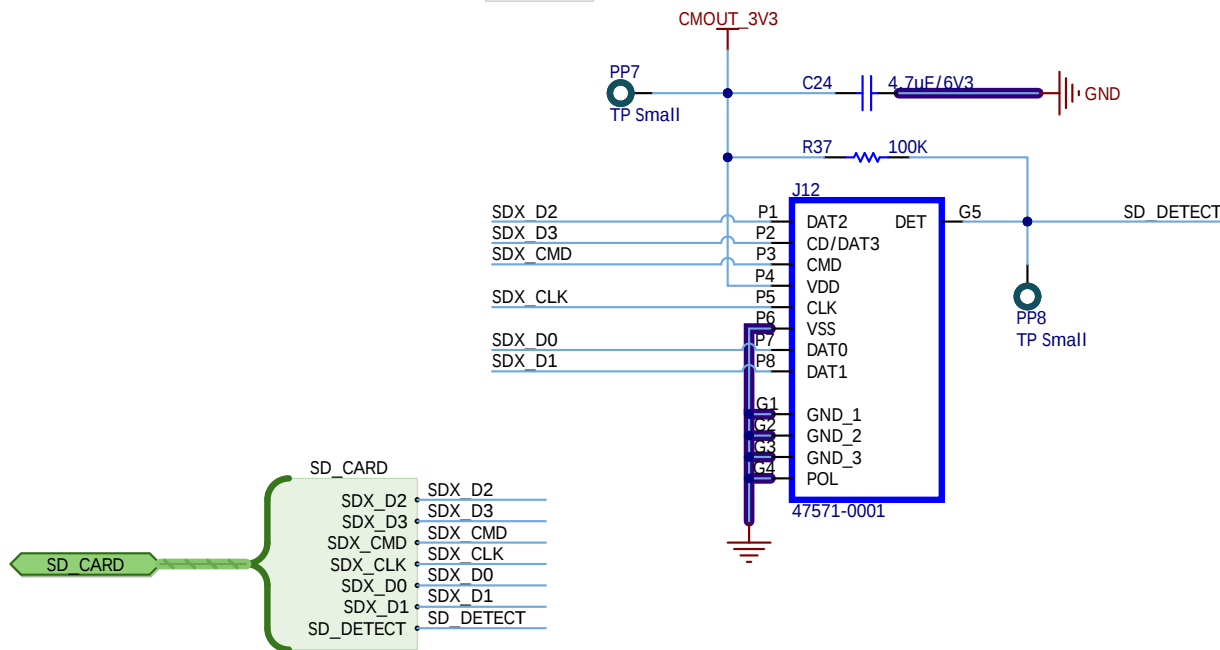




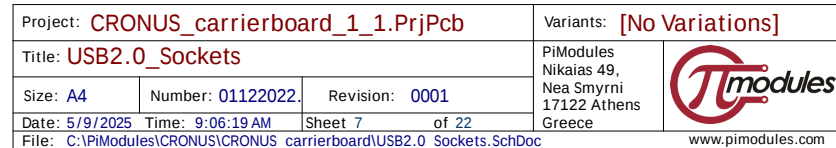
Project: CRONUS_carrierboard_1_1.PrjPcb			Variants: [No Variations]		
Title: RTC			PiModules Nikaias 49, Nea Smyrni 17122 Athens Greece  www.pimodules.com		
Size: A	Number: 01122022	Revision: 00001			
Date: 5/9/2025	Time: 9:06:18 AM	Sheet 4 of 22			
File: C:\PiModules\CRONUS\CRONUS_carrierboard\RTC.SchDoc					

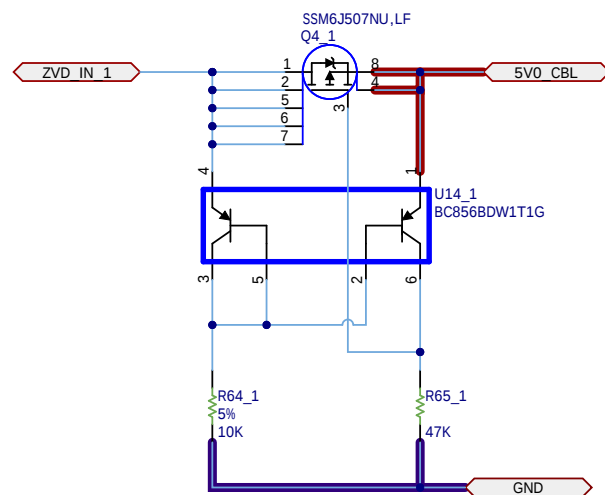


CMOUT_3V3 is originated by CM4 and is protected by UPS

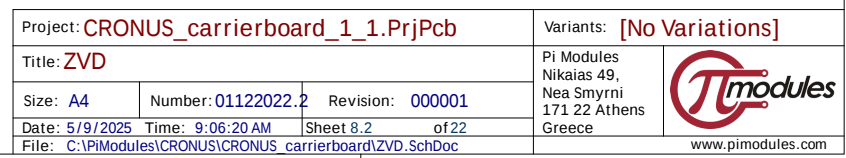


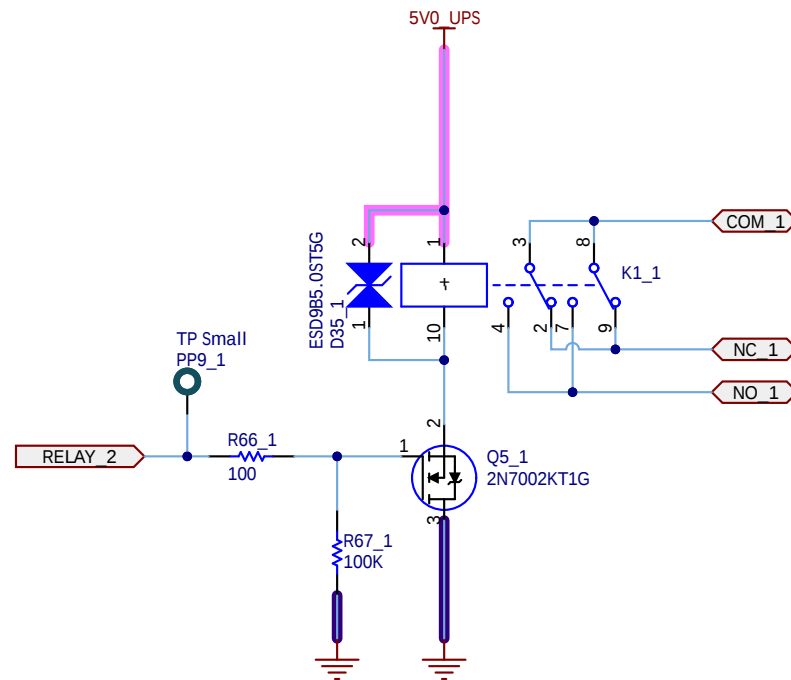
Project: CRONUS_carrierboard_1_1.PrjPcb			Variants: [No Variations]	
Title: Evergreen Miner SD Card			PiModules Nikaias 49, Nea Smyrni 17122 Athens Greece	
Size: A	Number: 01122022	Revision: 00001		
Date: 5/9/2025	Time: 9:06:19 AM	Sheet 5 of 22		
File: C:\PiModules\CRONUS_carrierboard\SD Card.SchDoc			 www.pimodules.com	



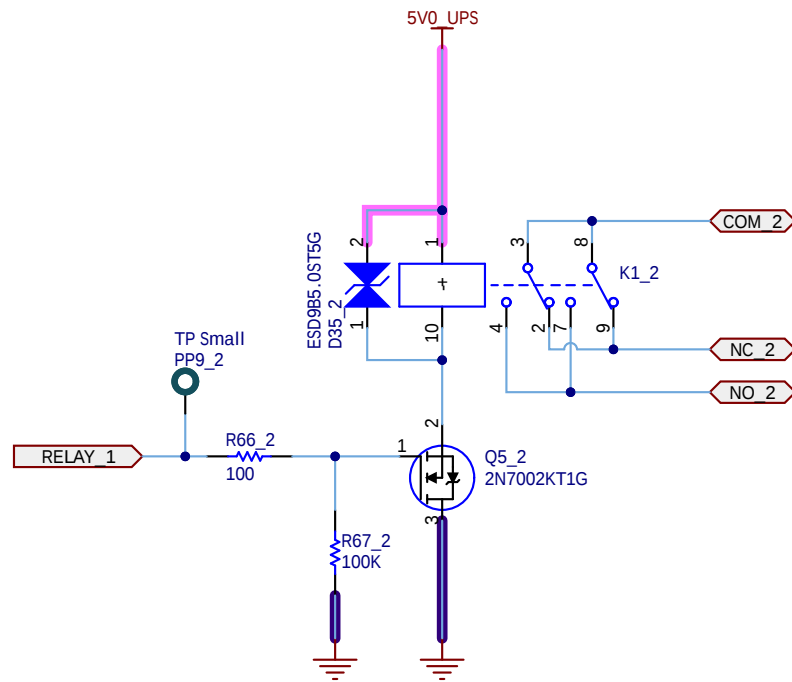


Project: CRONUS_carrierboard_1_1.PrjPcb			Variants: [No Variations]	
Title: ZVD			Pi Modules Nikaias 49, Nea Smyrni 171 22 Athens Greece  www.pimodules.com	
Size: A4	Number: 01122022.1	Revision: 000001		
Date: 5/9/2025	Time: 9:06:20 AM	Sheet 8.1 of 22		
File: C:\PiModules\CRONUS\CRONUS_carrierboard\ZVD.SchDoc				

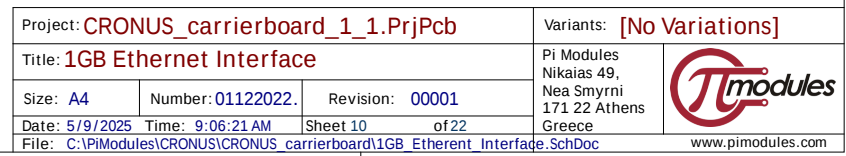


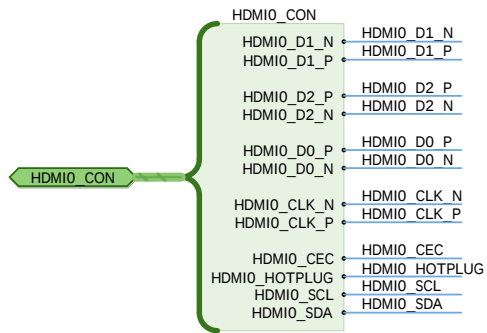


Project: CRONUS_carrierboard_1_1.PrjPcb			Variants: [No Variations]	
Title: SPDT Relay 5V			PiModules Nikaias 49, Nea Smyrni 17122 Athens Greece	
Size: A	Number: 01122022.2	Revision: 00001		
Date: 5/9/2025	Time: 9:06:20 AM	Sheet 9.1 of 22		
File: C:\PiModules\CRONUS\CRONUS_carrierboard\SPDT Relay 5V.SchDoc				
				www.pimodules.com



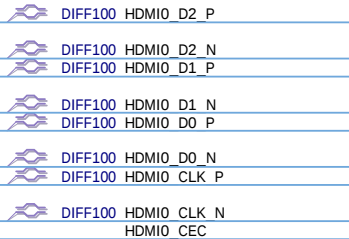
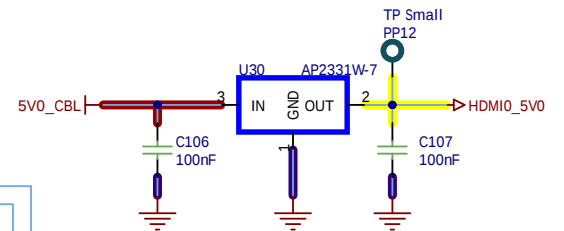
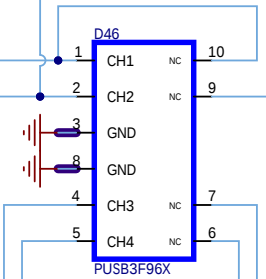
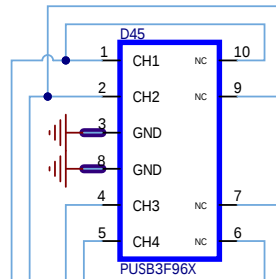
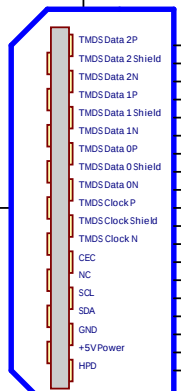
Project: CRONUS_carrierboard_1_1.PrjPcb			Variants: [No Variations]	
Title: SPDT Relay 5V			PiModules Nikaias 49, Nea Smyrni 17122 Athens Greece 	
Size: A	Number: 01122022.1	Revision: 00001		
Date: 5/9/2025	Time: 9:06:21 AM	Sheet 9.2 of 22		
File: C:\PiModules\CRONUS_carrierboard\SPDT Relay 5V.SchDoc			www.pimodules.com	





GND
J24
47659-1100

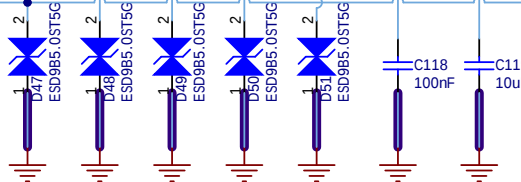
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FB1 PE-0603PFB121ST

FB2 PE-0603PFB121ST
FB3 PE-0603PFB121ST

FB4 PE-0603PFB121ST
HDMIIO_5V0
HDMIIO_HOTPLUG

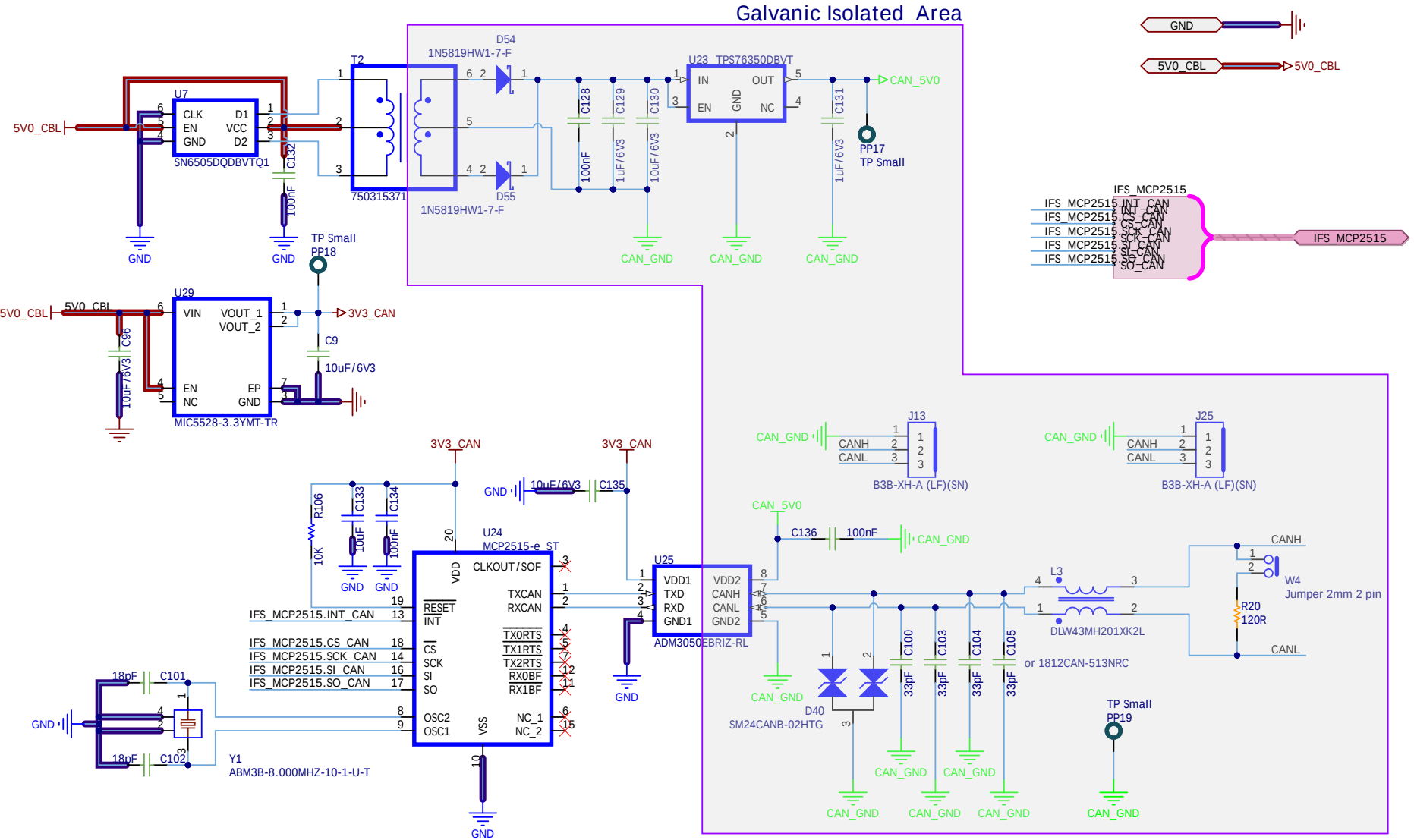


GND

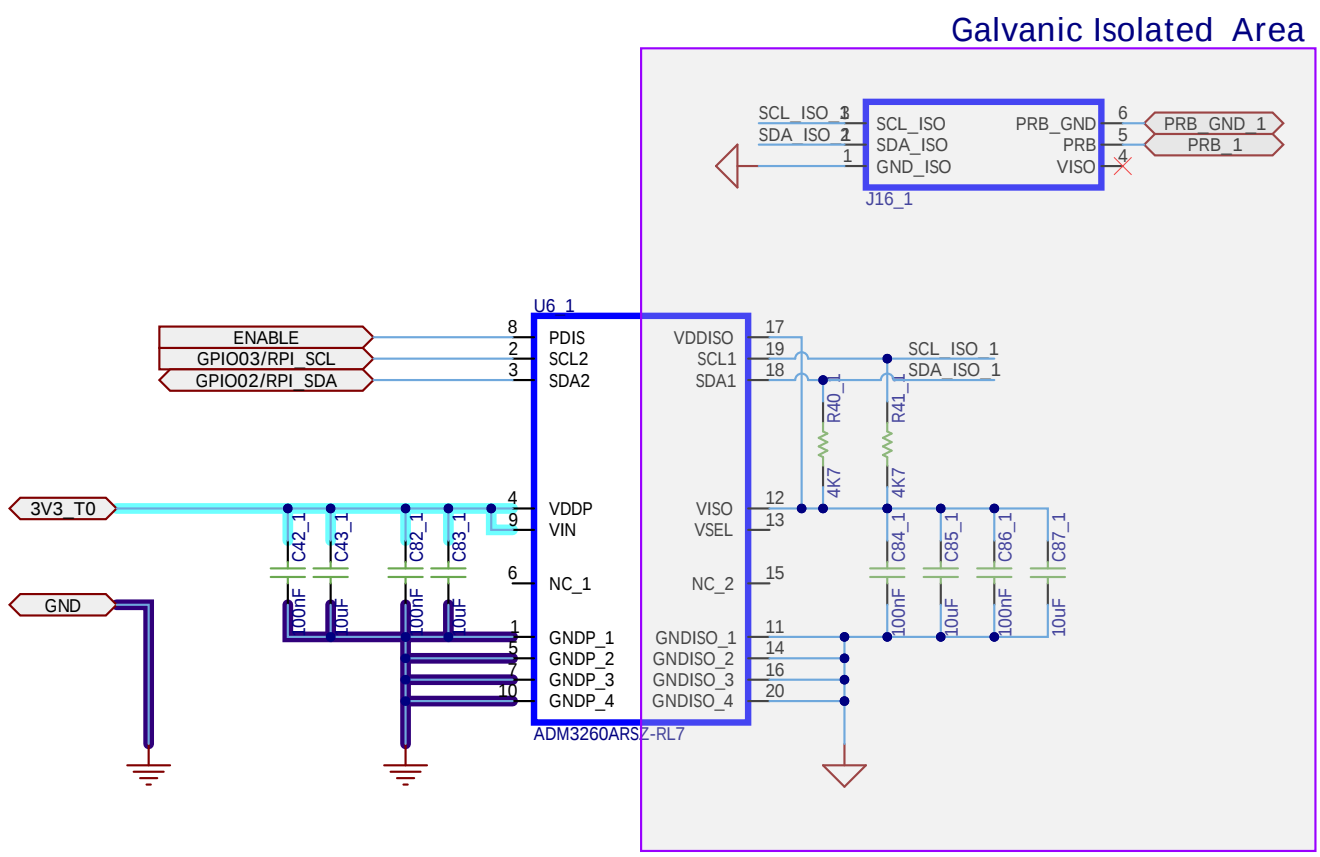
5V0_CBL 5V0_CBL

Project: CRONUS_carrierboard_1_1.PrjPcb			Variants: [No Variations]	
Title: HDMIIO_Interface			Pi Modules Nikaia 49, Nea Smyrni 171 22 Athens Greece	
Size: A4	Number: 01122022.	Revision: 00001		
Date: 5/9/2025	Time: 9:06:21 AM	Sheet 11 of 22		
File: C:\PiModules\CRONUS\CRONUS_carrierboard\HDMIIO_Interface.SchDpc			www.pimodules.com	

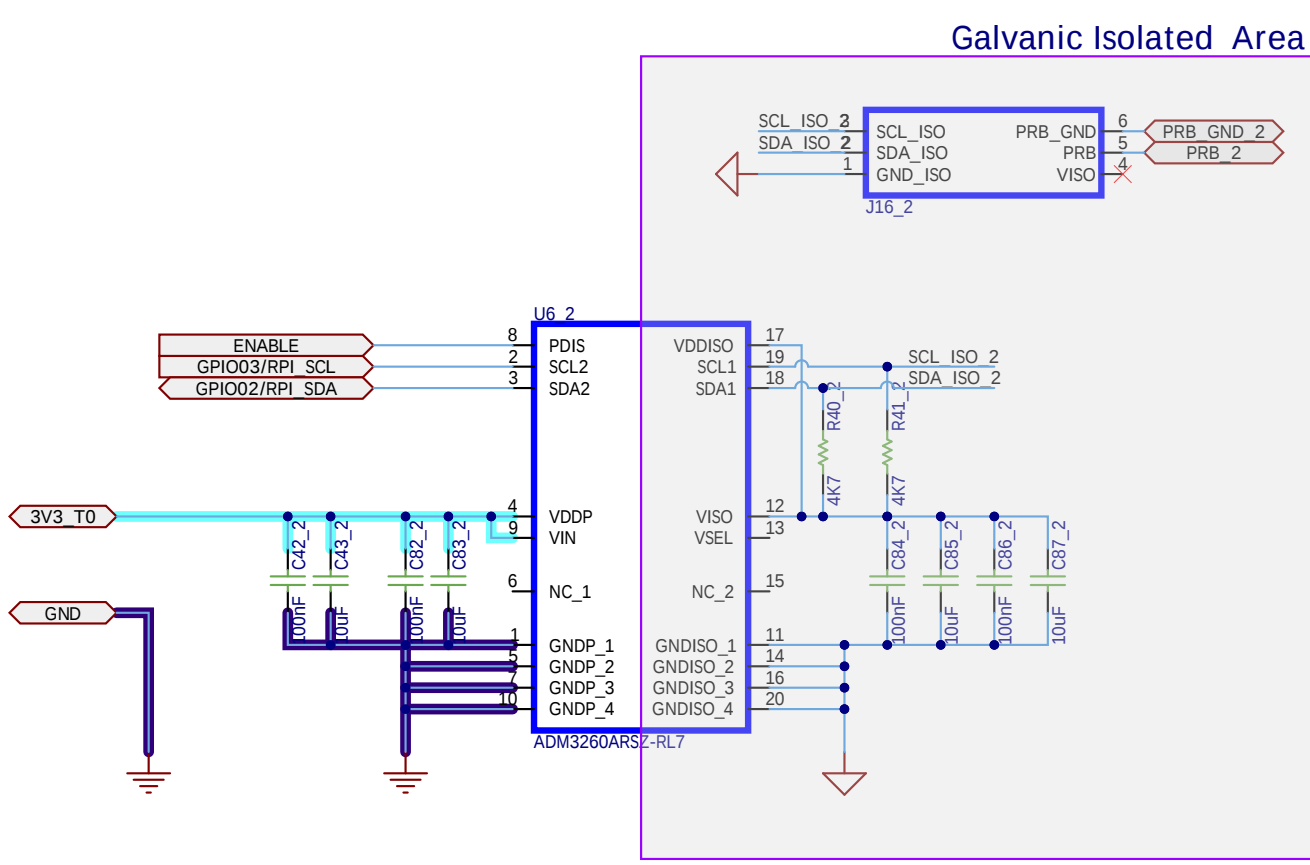




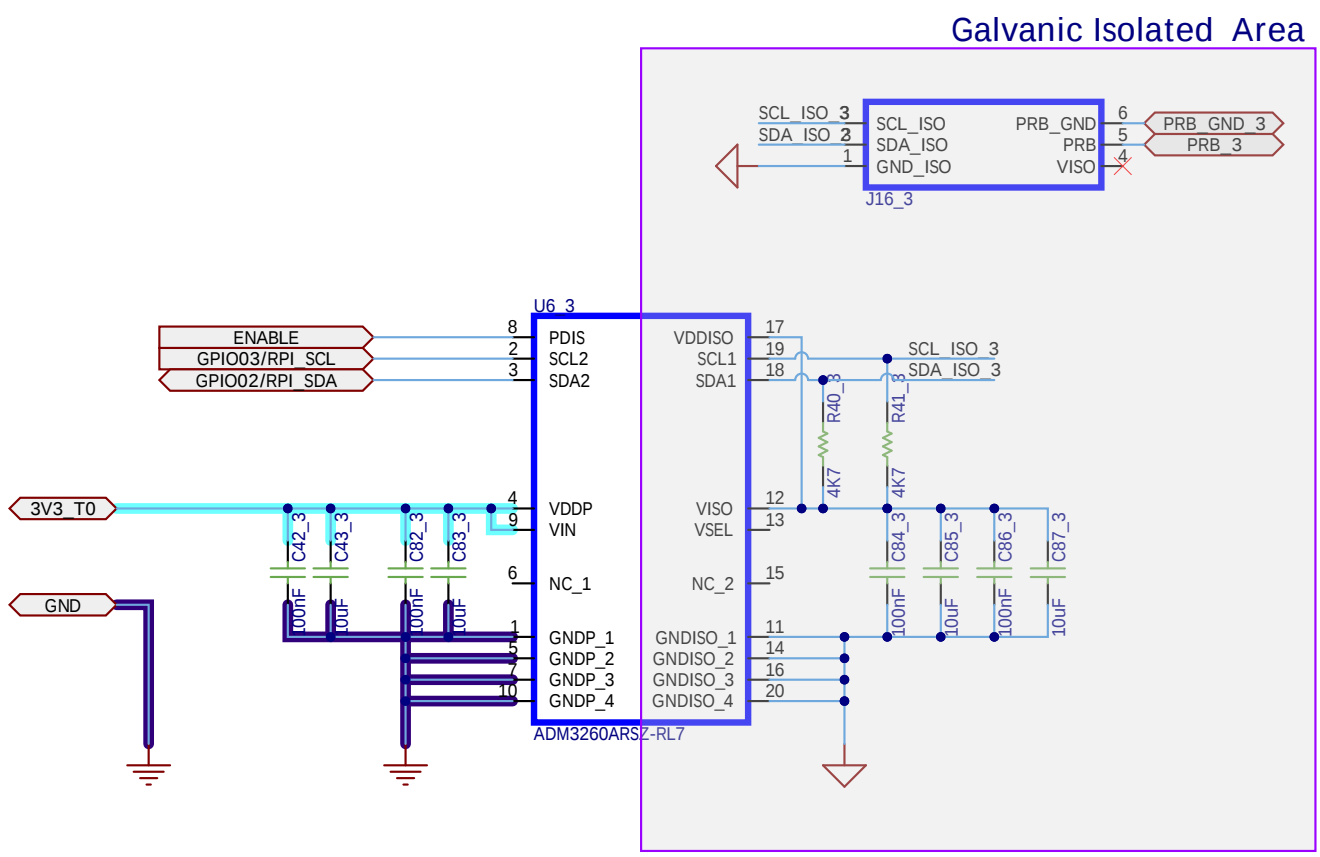
Project: CRONUS_carrierboard_1_1.PrjPcb			Variants: [No Variations]	
Title: Isolated CAN Interface			Pi Modules Nikaias 49, Nea Smyrni 171 22 Athens Greece  www.pimodules.com	
Size: A4	Number: 01122022	Revision: 00001		
Date: 5/9/2025	Time: 9:06:22 AM	Sheet 13 of 22		
File: C:\PiModules\CRONUS\CRONUS_carrierboard\Isolated_CAN.SchDoc				



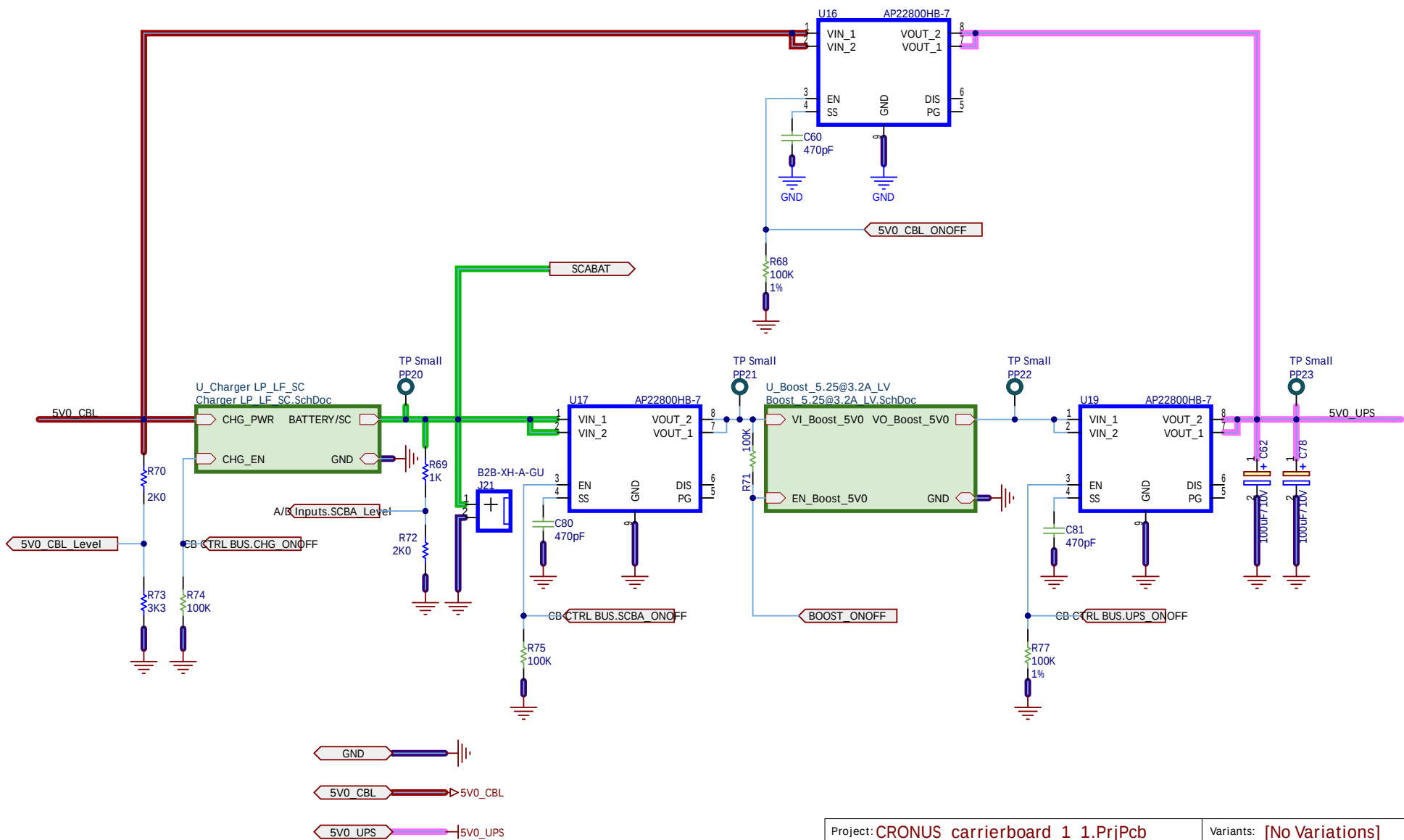
Project: CRONUS_carrierboard_1_1.PrjPcb			Variants: [No Variations]	
Title: Whitebox T0 Isolator			PiModules Nikaia 49, Nea Smyrni 17122 Athens Greece  www.pimodules.com	
Size: A	Number: 01122022.3	Revision: 0001		
Date: 5/9/2025	Time: 9:06:22 AM	Sheet 14.1 of 22		
File: C:\PiModules\CRONUS\CRONUS_carrierboard\Whitebox T0 Isolator.SchDoc				



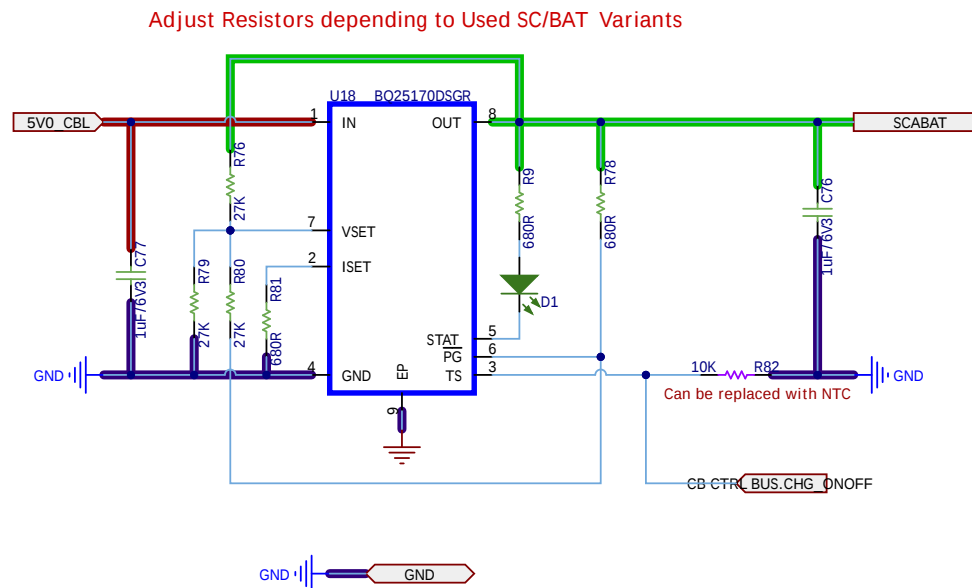
Project: CRONUS_carrierboard_1_1.PrjPcb			Variants: [No Variations]		
Title: Whitebox T0 Isolator			PiModules Nikaia 49, Nea Smyrni 17122 Athens Greece  www.pimodules.com		
Size: A	Number: 01122022.2	Revision: 0001			
Date: 5/9/2025	Time: 9:06:22 AM	Sheet 14.2 of 22			
File: C:\PiModules\CRONUS\CRONUS_carrierboard\Whitebox T0 Isolator.SchDoc					



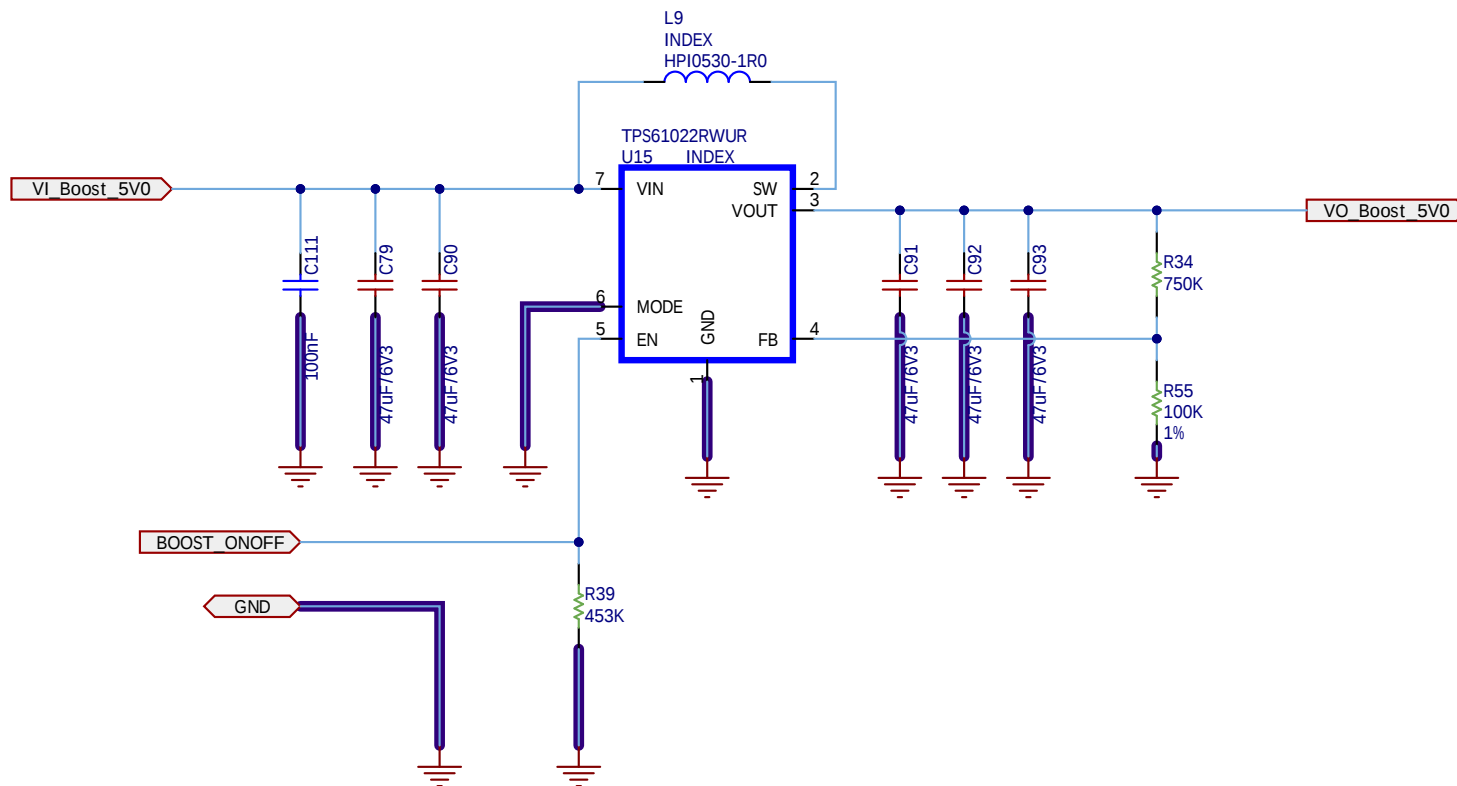
Project: CRONUS_carrierboard_1_1.PrjPcb			Variants: [No Variations]	
Title: Whitebox T0 Isolator			PiModules Nikaia 49, Nea Smyrni 17122 Athens Greece  www.pimodules.com	
Size: A	Number: 01122022.1	Revision: 0001		
Date: 5/9/2025	Time: 9:06:23 AM	Sheet 14.3 of 22		
File: C:\PiModules\CRONUS\CRONUS_carrierboard\Whitebox T0 Isolator.SchDoc				



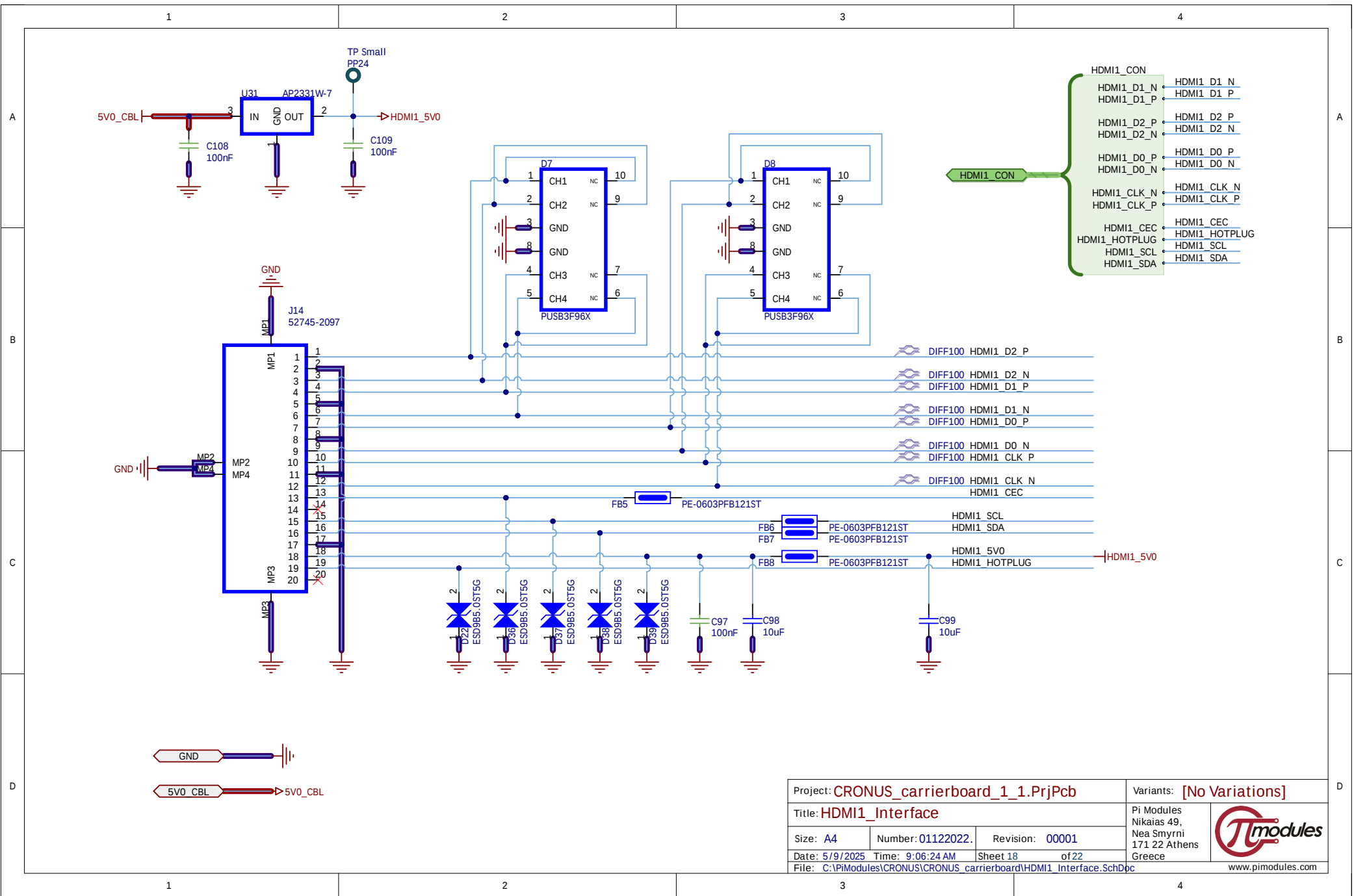
Project: CRONUS_carrierboard_1_1.PrjPcb			Variants: [No Variations]	
Title: UPS			Pi Modules Nikaïas 49, Nea Smyrni 171 22 Athens Greece	
Size: A4	Number: 01122022.	Revision: 0001	 www.pimodules.com	
Date: 5/9/2025	Time: 9:06:23 AM	Sheet 15 of 22		
File: C:\PiModules\CRONUS\CRONUS_carrierboard\UPS.SchDoc				



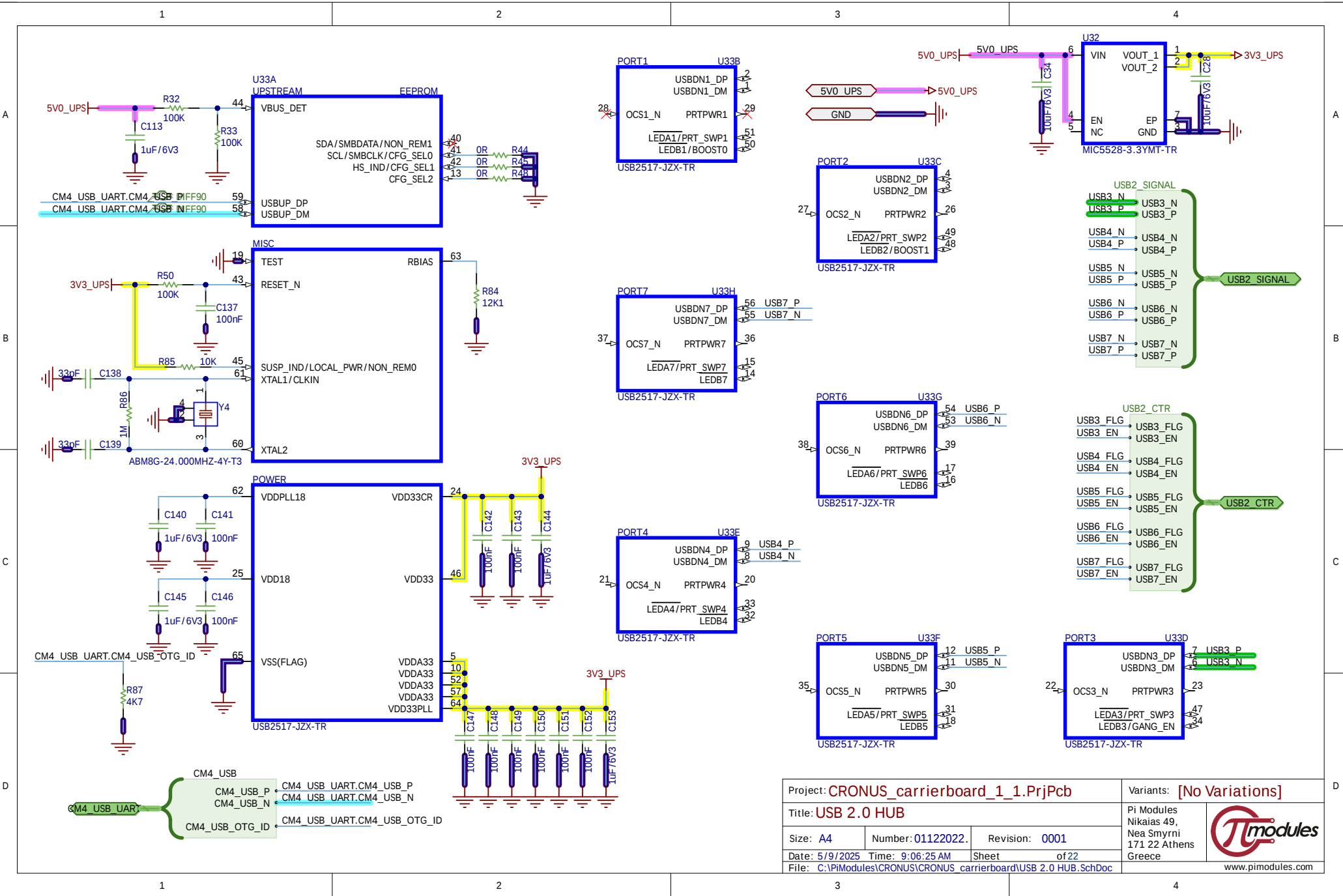
Project: CRONUS_carrierboard_1_1.PrjPcb			Variants: [No Variations]	
Title: Charger LP/LF/SC			Pi Modules Nikaias 49, Nea Smyrni 171 22 Athens Greece 	
Size: A4	Number: 01122022.	Revision: 00001		
Date: 5/9/2025	Time: 9:06:23 AM	Sheet 16 of 22		
File: C:\PiModules\CRONUS\CRONUS_carrierboard\Charger LP_LF_SC.SchDoc			www.pimodules.com	



Project: CRONUS_carrierboard_1_1.PrjPcb			Variants: [No Variations]	
Title: 5.25@3.2A Boost Converter			PiModules Nikaias 49, Nea Smyrni 17122 Athens Greece	
Size: A	Number: 01012020	Revision: 001		
Date: 5/9/2025	Time: 9:06:24 AM	Sheet 17 of 22		
File: C:\PiModules\CRONUS\CRONUS_carrierboard\Boost_5.25@3.2A LV.SchDoc			 www.pimodules.com	



Project: CRONUS_carrierboard_1_1.PrjPcb			Variants: [No Variations]	
Title: HDMI1_Interface			Pi Modules Nikaias 49, Nea Smyrni 171 22 Athens Greece	
Size: A4	Number: 01122022.	Revision: 00001		
Date: 5/9/2025	Time: 9:06:24 AM	Sheet 18 of 22		
File: C:\PiModules\CRONUS\CRONUS_carrierboard\HDMI1_Interface.SchDpc			 www.pimodules.com	



Project: CRONUS_carrierboard_1_1.PrjPcb			Variants: [No Variations]	
Title: USB 2.0 HUB			Pi Modules Nikaia 49, Nea Smyrni 171 22 Athens Greece	
Size: A4	Number: 01122022.	Revision: 0001		
Date: 5/9/2025	Time: 9:06:25 AM	Sheet of 22		
File: C:\PiModules\CRONUS\CRONUS_carrierboard\USB 2.0 HUB.SchDoc			www.pimodules.com	