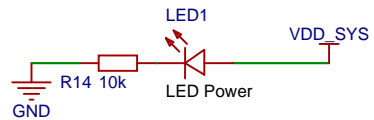


### LED PWR INDICATION



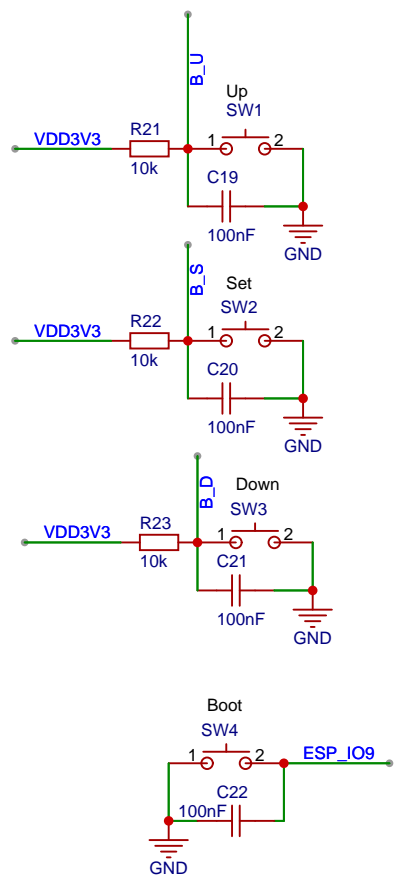
### Pinout map Altruist insight


GPIO ESP32C6	E-Ink	SD Card	Peripherals	Other
IO0		SD_CLK		
IO1		SD_MISO		
IO2				B_Set
IO3				B_Down
IO4	EPD_BUSY			
IO5				
IO6		SD_CS		
IO7		SD_MOSI		
IO8	boot pin	boot pin	boot pin	boot pin
IO9				BOOT
IO10				B_Up
IO11				RGB_IO
IO12				USB_N
IO13				USB_P
IO15	EPD_RST			
TXD (IO16)				
RXD (IO17)				
IO18			I2C_SCL	
IO19			I2C_SDA	
IO20	EPD_MOSI			
IO21	EPD_CLK			
IO22	EPD_CSB			
IO23	EPD_DC			

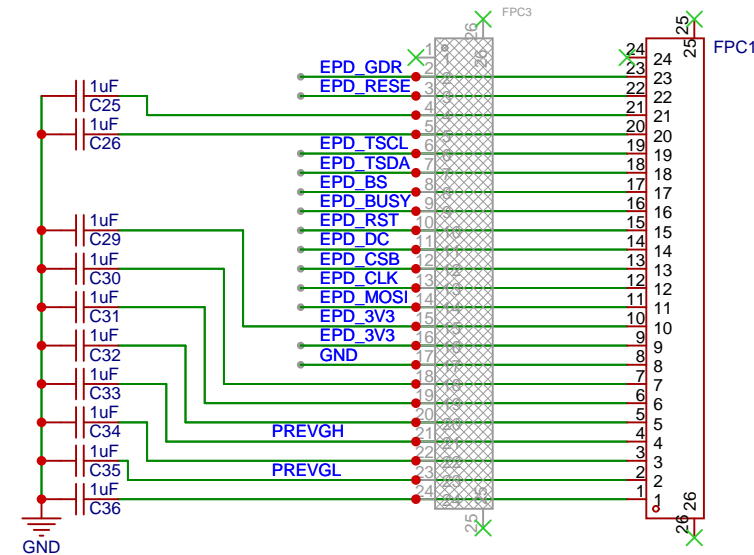
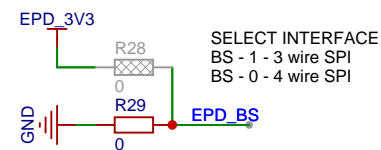
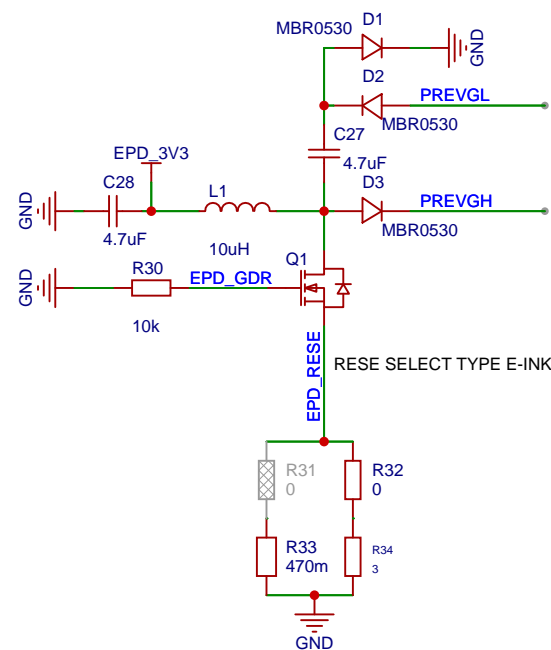
### Nuts




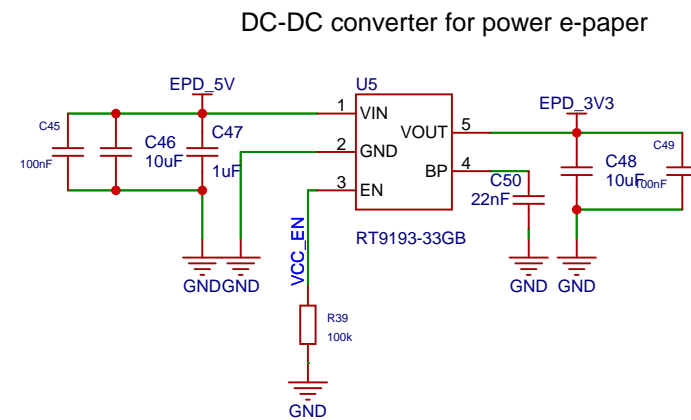
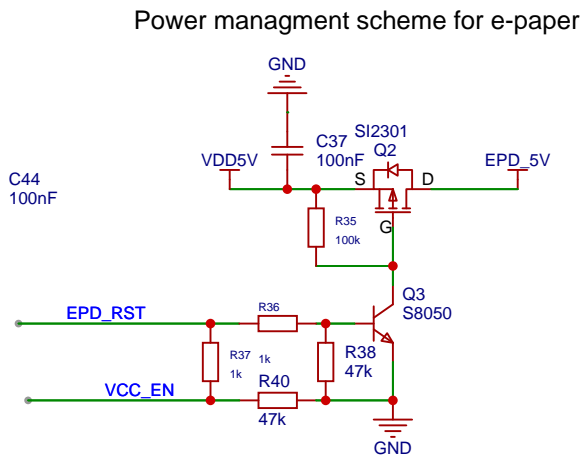
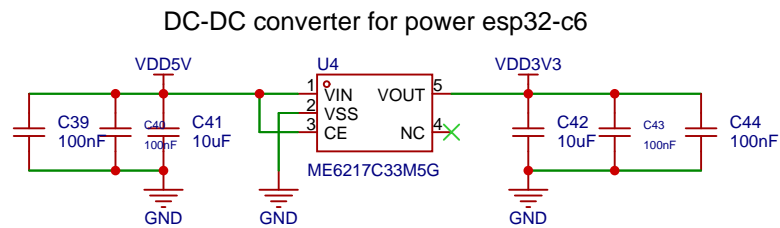
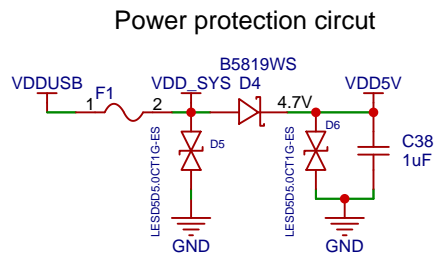
### Buttons




Schematic	Schematic Altruist Insight			Update Date	2025-08-21	
				Create Date	2025-07-23	
Page	Core			Part Number		
Drawn	Iudovich88	Altruist insight rc v1.0.2				
Reviewed	PavelSheremetev					
		VER	SIZE	PAGE	1	OF 6
 ROBONOMICS		1.0.3	A3	ROBONOMICS.NETWORK		

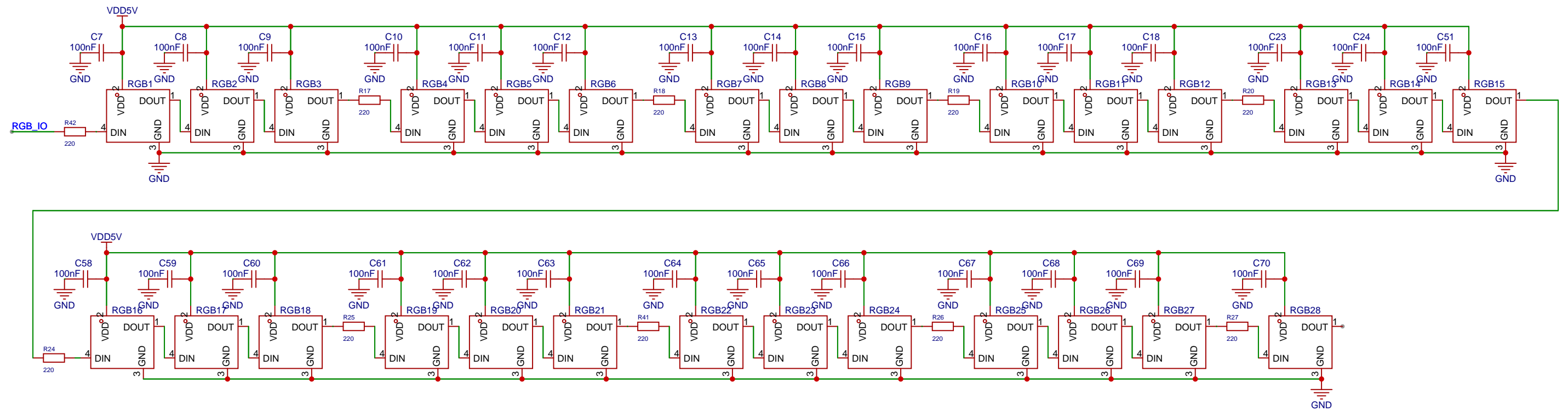



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				Create Date	2025-07-23
Page	e-paper			Part Number	
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Reviewed	PavelSheremetev				
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 ROBONOMICS		1.0	A3	ROBONOMICS.NETWORK	

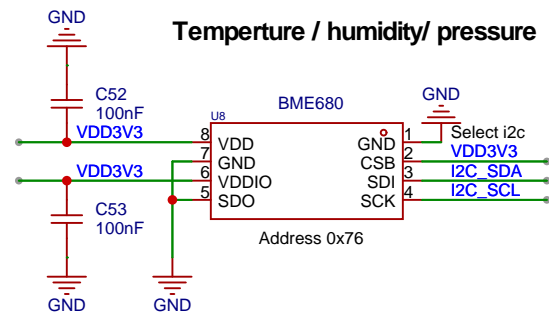
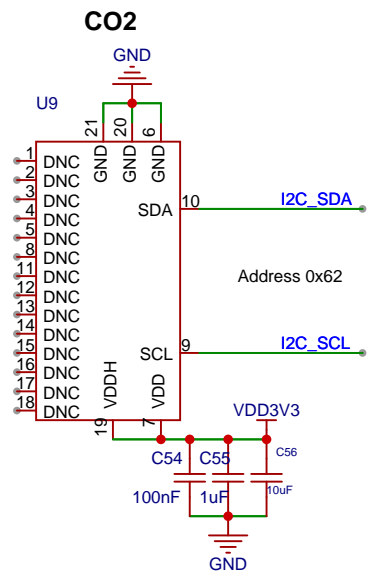


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Page	Power			Part Number	RNDR-1
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Reviewed	PavelSheremetev				
		VER	SIZE	PAGE	3 OF 6
 ROBONOMICS		1.0	A3	ROBONOMICS.NETWORK	

**Backlight  
RGB LED**



Schematic	Schematic Altruist Insight			Update Date	2025-08-21
				Create Date	2025-07-23
Page	Backlight			Part Number	
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Reviewed	ludovich88				
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 ROBONOMICS		1.0	A4	Robonomics.network	

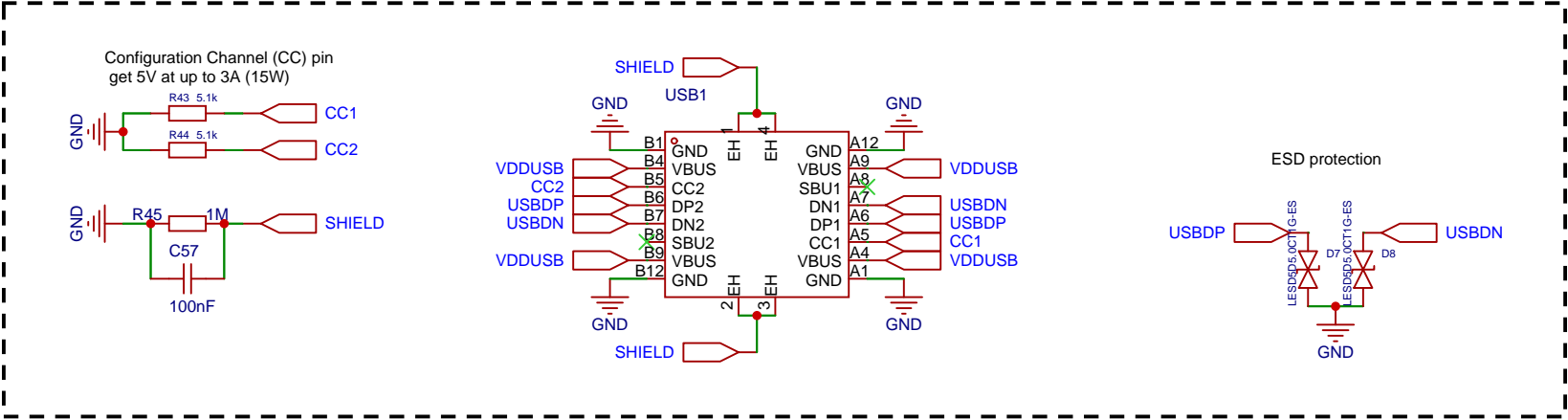


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Page	Sensors		Part Number	
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Reviewed	PavelSheremetev			
		VER	SIZE	PAGE 5 OF 6
		1.0	A3	ROBONOMICS.NETWORK



ROBONOMICS

USB TYPE-C



Schematic	Schematic Altruist Insight		Update Date	2025-08-21
			Create Date	2025-07-23
Page	USB-C		Part Number	
Drawn	Iudovich88	Altruist insight rc v1.0.2		
Reviewed	PavelSheremetev			
		VER	SIZE	PAGE 6 OF 6
		1.0	A4	Robonomics.network

