


U_Project_Information
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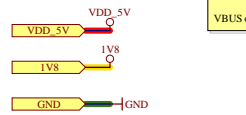


Title DD2090 4CAM FFC			Luxonis Holding 1925 Harmony Park Drive Westminster, CO 80234 United States	
Size: Tabloid	Number: D0000190	Revision: R1M1E1		
Date: 30/09/2021	Time: 10:58:02	Sheet 1 of 11		
Drawn by: Dan Dunga				

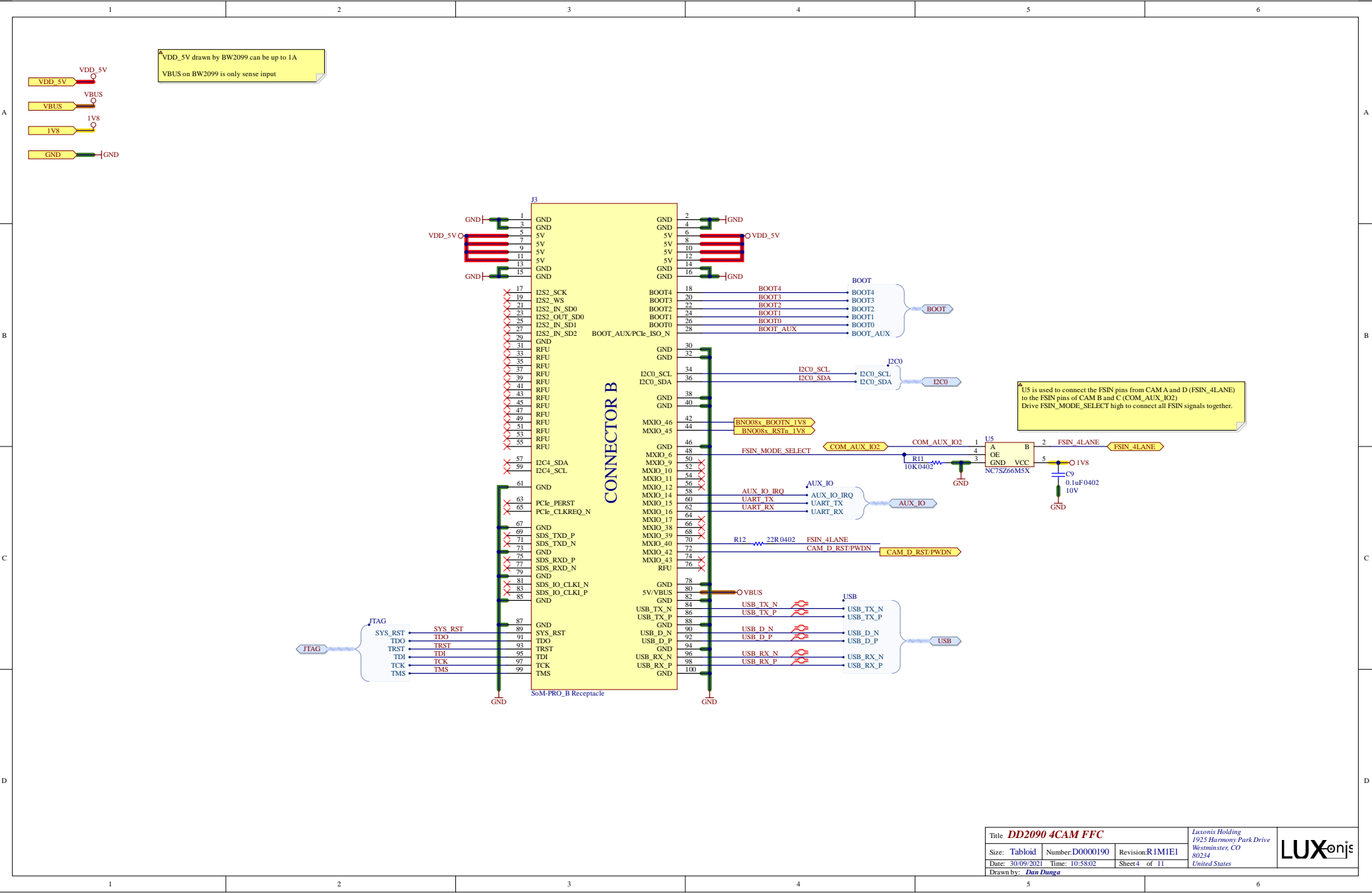
Project: DD2090 4CAM FFC
Current Revision: R1M1E1
Assembly variant: Production

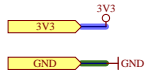
DD2090 4CAM FFC Revision History:

Date	Revision	Reason for Change	Changes Implemented
10 June 2021	DM1099FFC R1M0E1-> DD2090 4CAM FFC R0M0E0	1) Changed SoM to BW2099 2) Added MIPI CAM D (4 lane) 3) Added uSD card 4) Added Software controll over FSIN signal between the 2 lane and 4 lane cameras (US) 5) Added ESD protection on USB signals	
	R0M0E0 --> R1M1E1	1) Corrected SoM footprint (mounting posts error) 2) BOOT should be connected to BOOT2 and BOOT4 for USB recovery 3) Updated assembly variant to default NOR boot mode	1) Increase the board from 62x38mm to 65x38mm 2) Added EEPROM

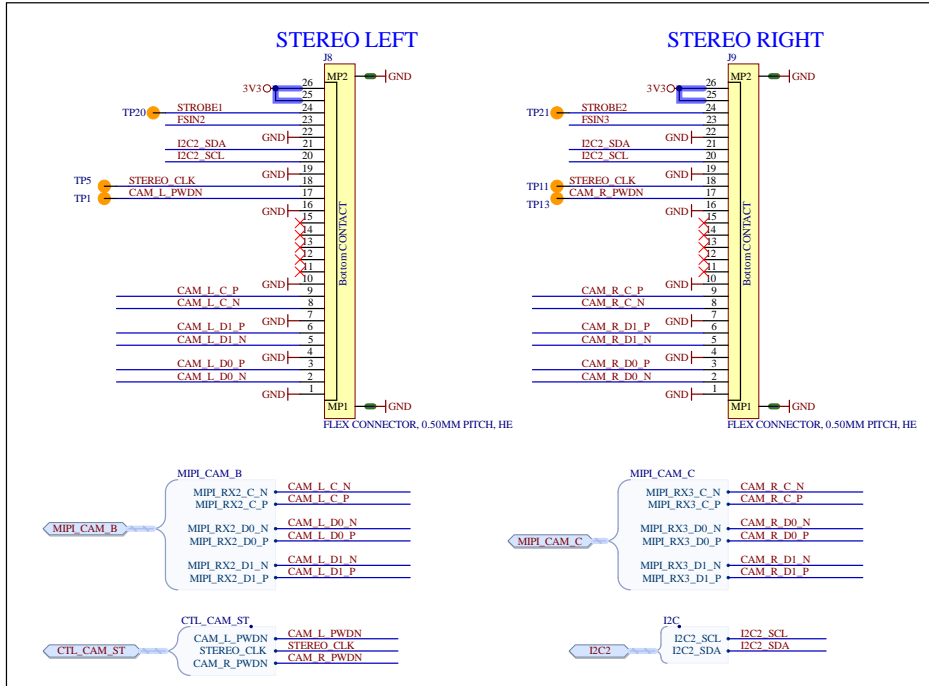


LUX-on

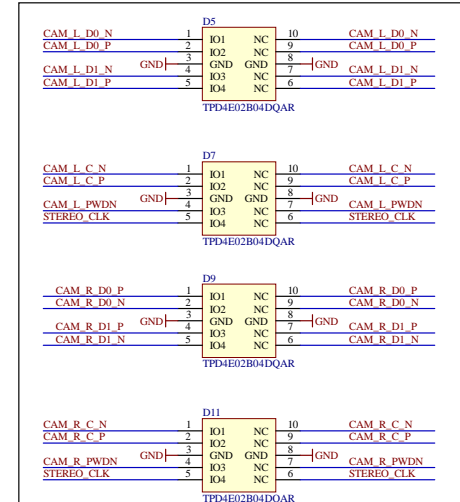





STEREO CAMERA PAIR

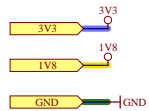


ESD PROTECTION

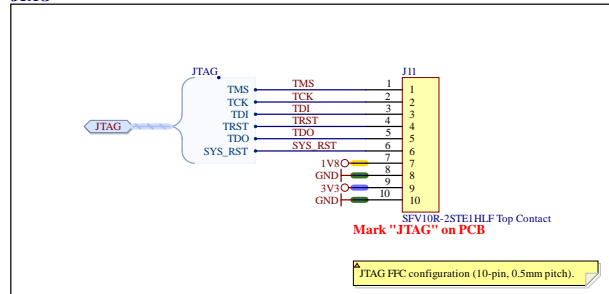


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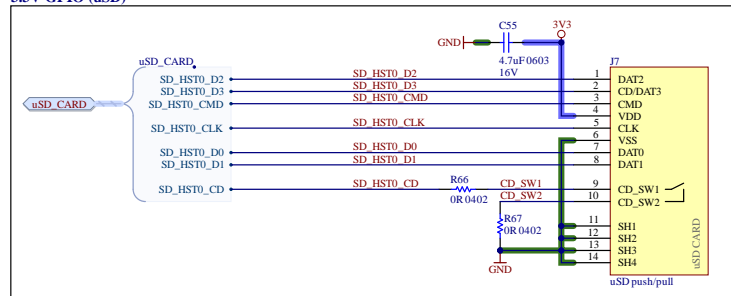
Title DD2090 4CAM FFC			Luxonis Holding 1925 Harmony Park Drive Westminster, CO 80234 United States	
Size: Tabloid	Number: D0000190	Revision: R1M1E1		
Date: 30/09/2021	Time: 10:58:03	Sheet 6 of 11		
Drawn by: Dan Dunga				



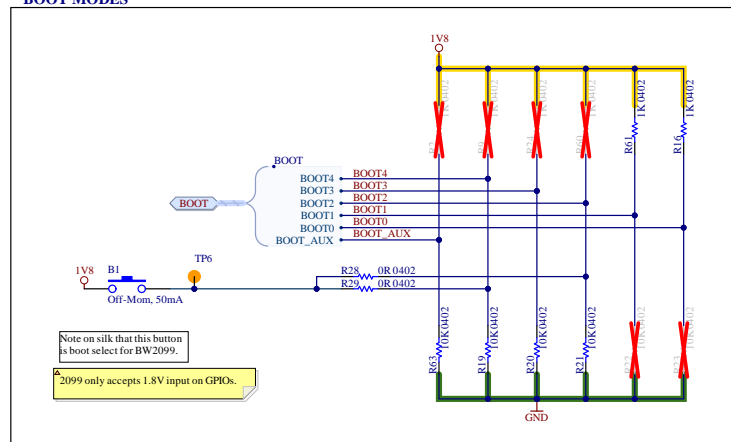
JTAG



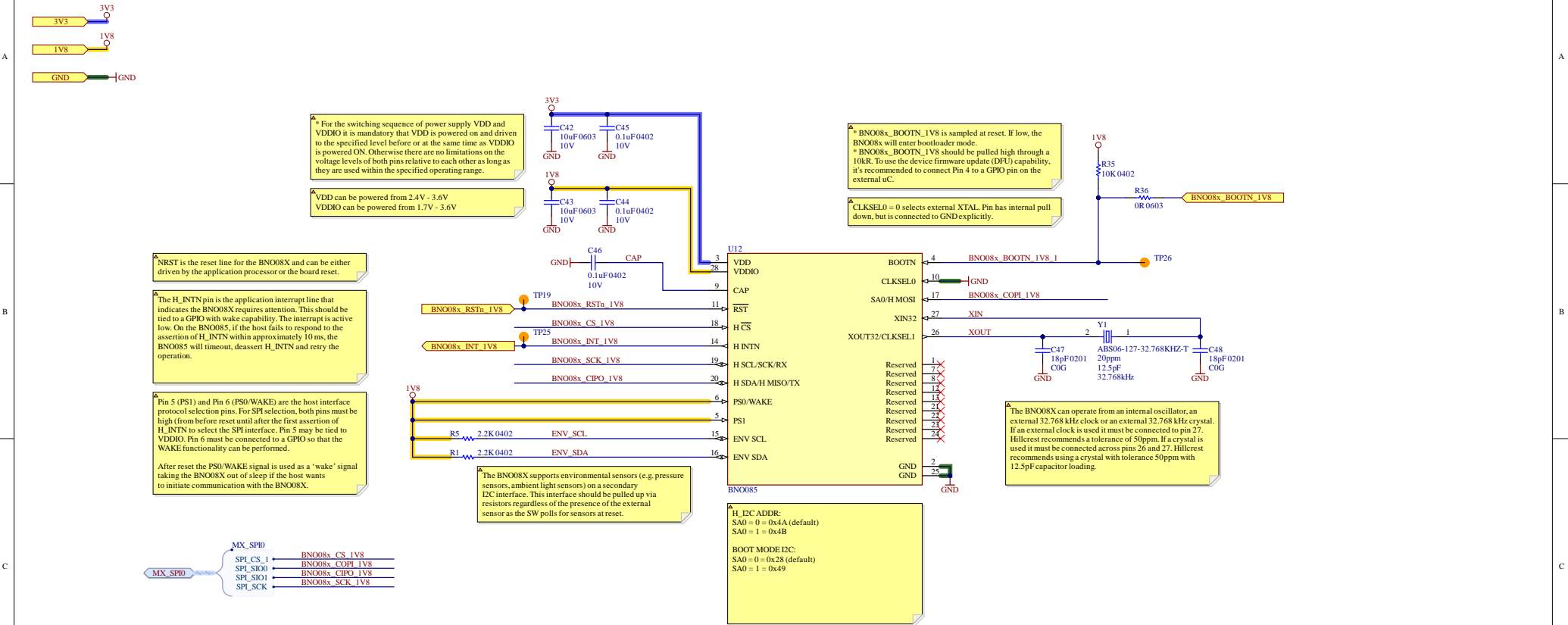
3.3V GPIO (uSD)

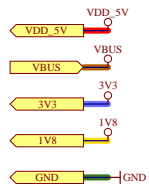


BOOT MODES

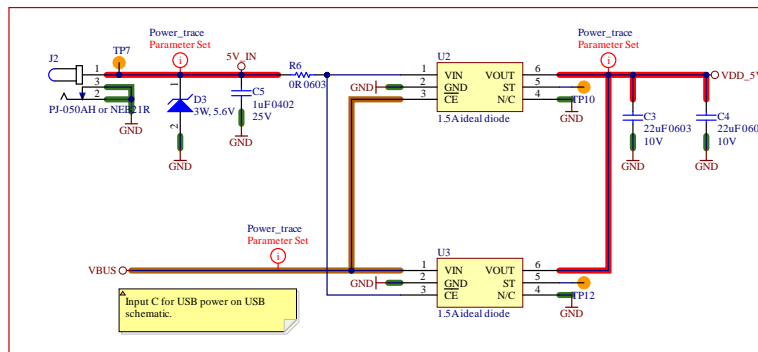


Title DD2090 4CAM FFC			Luxonis Holding 1925 Harmony Park Drive Westminster, CO 80224 United States	
Size: Tabloid	Number: D0000190	Revision: R1M1E1	LUXonix	
Date: 30/09/2021	Time: 10:5803	Sheet 7 of 11		
Drawn by: <i>Dan Dunga</i>				

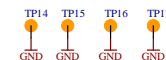
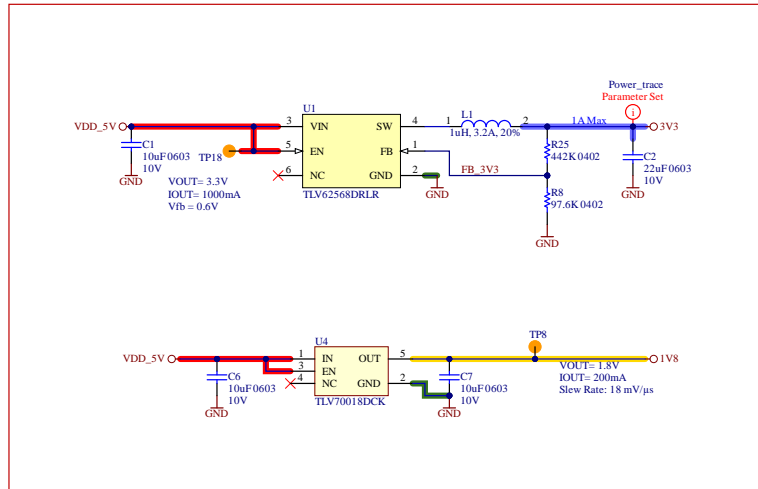




POWER INPUT - DIODE OR

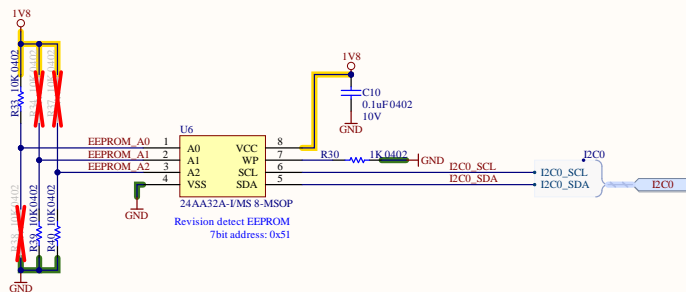
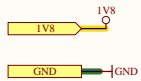


POWER REGULATION



Title: DD2090 4CAM FFC			Luxonis Holding 1925 Harmony Park Drive Westminster, CO 80234 United States	
Size: Tabloid	Number: D0000190	Revision: R1M1E1		
Date: 30/09/2021	Time: 10:5803	Sheet 10 of 11		
Drawn by: David Malovrh				

LUXonjs



Title DD2090 4CAM FFC			Luxonis Holding 1925 Harmony Park Drive	Cannot open file C:\Users\BrianLuxonis\Documents\DD2090 4CAM FFC
Size: Tabloid	Number: D0000190	Revision:	Westminster, CO 80234	
Date: 30/09/2021	Time: 10:58:03	Sheet 11 of 11	United States	
Drawn by: Dan Dunga				