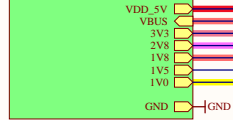


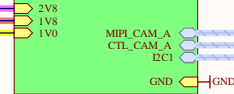
1		2		3		4		5		6																	
<div><div><div><div>Project:</div><div>DM1095</div></div><div><div>Current Revision:</div><div>R0M0E0</div></div></div></div>																											
<div><div>DM1095</div><div>Revision History:</div><table><tr><th>Date</th><th>Revision</th><th>Reason for Change</th><th>Changes Implemented</th></tr><tr><td>04/22/2021</td><td>Initial release</td><td></td><td></td></tr><tr><td>06/07/2021</td><td>R0M0E0 -&gt; R1M0E1</td><td>1. USB SS port direction control issue</td><td>1. Switched CC1 CC2 on logic control chip for USB3 SS</td></tr><tr><td>06/07/2021</td><td>DM1098LUX-D-LITE_R1M0E1 -&gt; DM1095_R0M0E0</td><td>1. Update the project naming convention to follow new scheme</td><td>1. Updated the project naming convention exported new fabrication documentation</td></tr></table></div>												Date	Revision	Reason for Change	Changes Implemented	04/22/2021	Initial release			06/07/2021	R0M0E0 -> R1M0E1	1. USB SS port direction control issue	1. Switched CC1 CC2 on logic control chip for USB3 SS	06/07/2021	DM1098LUX-D-LITE_R1M0E1 -> DM1095_R0M0E0	1. Update the project naming convention to follow new scheme	1. Updated the project naming convention exported new fabrication documentation
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Title <b>DM1095</b>			Luxonis Holding 1925 Harmony Park Drive Westminster, CO 80234		Cannot open file C:\Users\BrianLuxonis\Documents\1146
Size: <b>Tabloid</b>	Number: <b>DXXXX</b>	Revision: <b>ROM0E0</b>			
Date: <b>07/09/2021</b>	Time: <b>10:55:00</b>	Sheet <b>1</b> of <b>9</b>	<b>United States</b>		
Drawn by: <b>David Malovrh</b>					

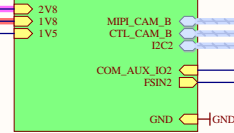
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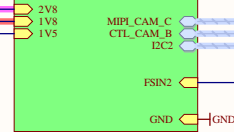
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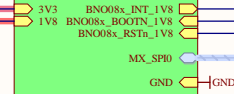
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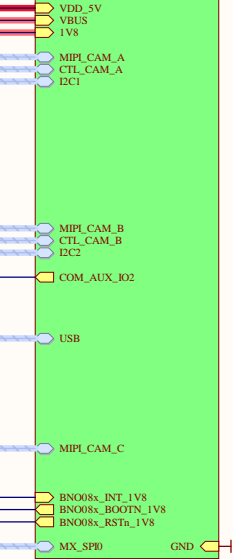
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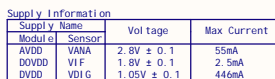
Mounting slots created on PCB  
w/primitives.



Title <b>DM1095</b>			Laxsonis Holding 1925 Harmony Park Drive Westminster, CO 80234 United States	
Size: Tabloid	Number: DXXXX	Revision: ROM0E0	Cannot open file C:\Users\Brian\Documents\...	
Date: 07/09/2021	Time: 10:55:00	Sheet 2 of 9		
Drawn by: David Malovrh				



Title <b>DM1095</b>			Luxonis Holding 1925 Harmony Park Drive Westminster, CO 80234 United States	Cannot open file C:\Users\Brian.Luxonis\ Private\Documents\10101
Size: <b>Tabloid</b>	Number: <b>DXXXX</b>	Revision: <b>R0M0E0</b>		
Date: <b>07/09/2021</b>	Time: <b>10:55:00</b>	Sheet 4 of 9		
Drawn by: <b>David Malorvh</b>				



Note: It is still a limitation that the clock source for the cameras must be shared between CAMA/C and CAMB/D.

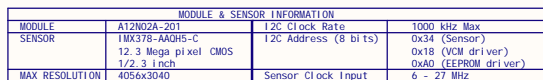
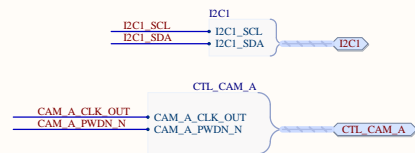
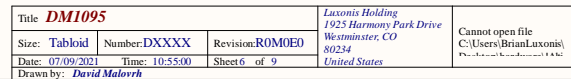
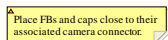


table needs to be updated



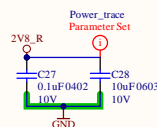
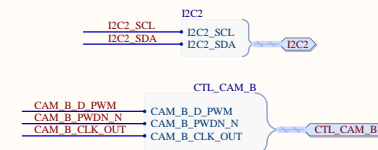
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Date: <b>07/09/2021</b>	Time: <b>10:55:00</b>	Sheet <b>5</b> of <b>9</b>		
Drawn by: <b>David Malarch</b>				





### Supply Information

current consumption not updated  
test if it works without IV5



0V9282 sensor I2C address may be changed via I2C protocol. Therefore, in order to assign different I2C address to the sensors on the same I2C bus, one needs to hold the reset of all sensors except one and assign a unique I2C address to the active sensor. This routine should be applied for all sensors in the initialization routine.

CAMERA CONNECTOR RESET CONNECTION TABLE

Title <b>DM1095</b>			Luxonis Holding 1925 Harmony Park Drive Westminster, CO 80234 United States	Cannot open file C:\Users\Brian.Luxonis\Documents\dm1095.rvt
Size: <b>Tabloid</b>	Number: <b>DXXXX</b>	Revision: <b>R0M0E0</b>		
Date: <b>07/09/2021</b>	Time: <b>10:55:00</b>	Sheet <b>7</b> of <b>9</b>		
Drawn by: <b>David Lalor</b>				

inrush current limiter

Title <b>DM1095</b>			<i>Luxonis Holding</i> <i>1925 Harmony Park Drive</i> <i>Westminster, CO</i> <i>80234</i> <i>United States</i>	Cannot open file C:\Users\Brian\Luxonis\Documents\DM1095.dwg
Size: <b>Tabloid</b>	Number: <b>DXXXXX</b>	Revision: <b>R0M0E0</b>		
Date: <b>07/09/2021</b>	Time: <b>10:55:01</b>	Sheet <b>8</b> of <b>9</b>		
Drawn by: <i>David Malovich</i>				



