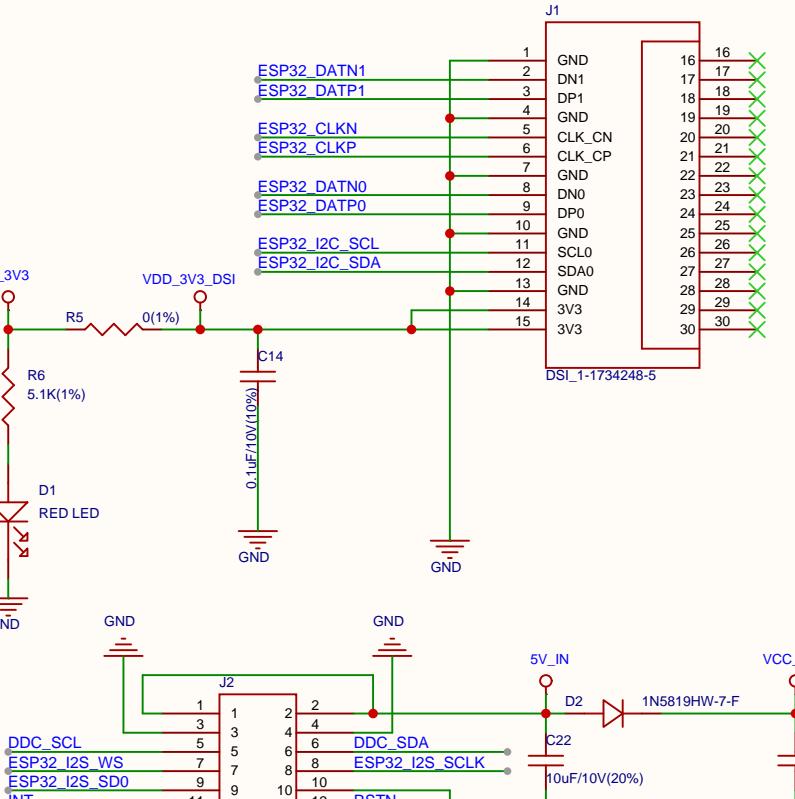
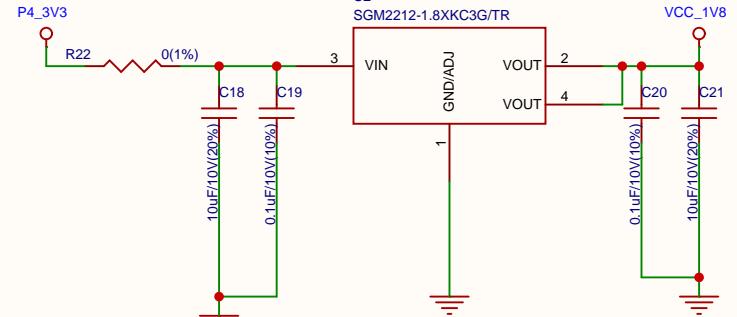


<b>Title</b>		
ESP32-P4_MIPI-DSI_to_HDMI_LVDS_Converter_Board		
<b>Size</b>	<b>Page Name</b>	<b>Rev</b>
A	01_DesignBlock	1.0
<b>Date:</b>	Tuesday, August 27, 2024	<b>Sheet</b>
	1	of 2

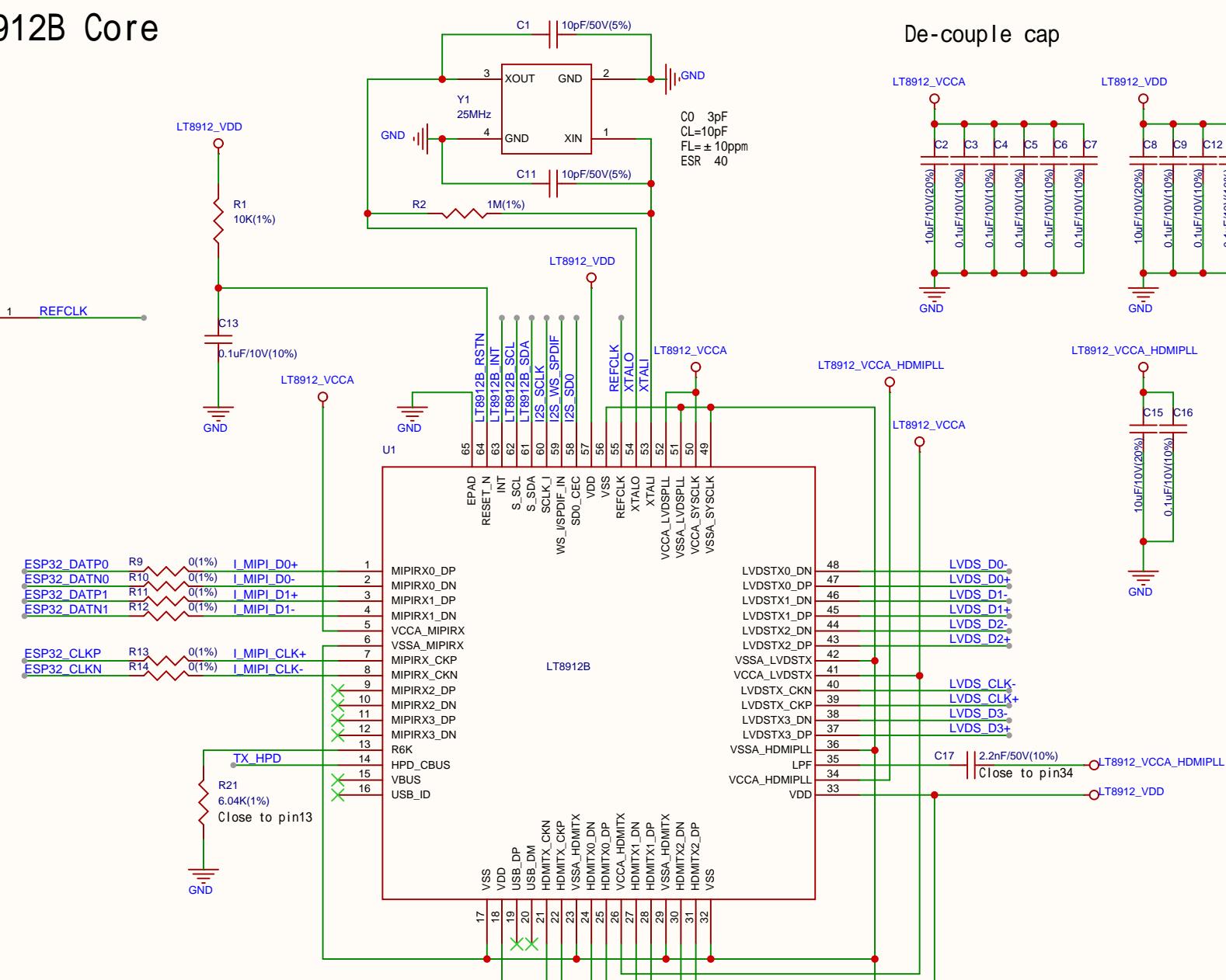
MIPI INPUT(To P4 Function Board)



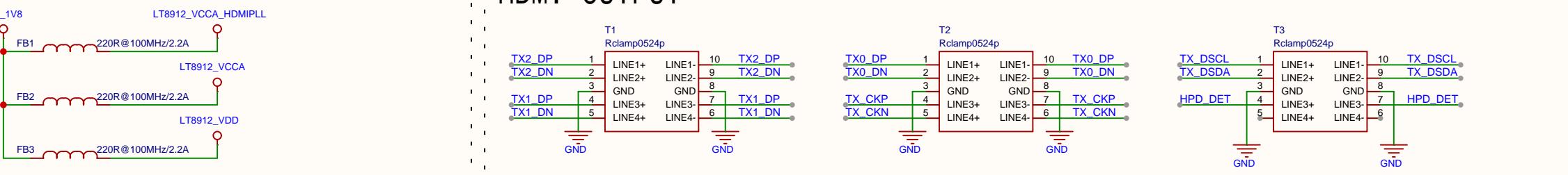
1.8V LDO



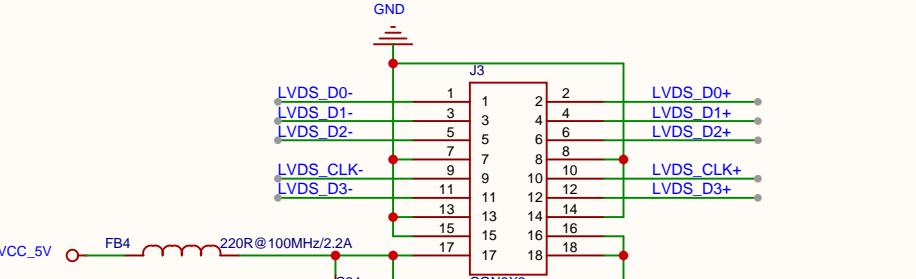
## LT8912B Core



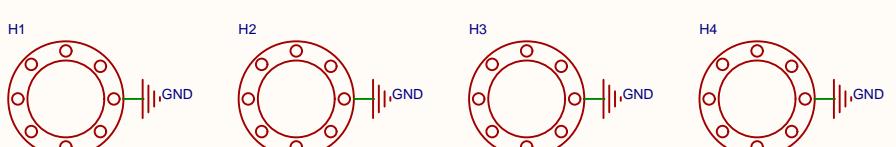
## HDMI OUTPUT



## LVDS OUTPUT

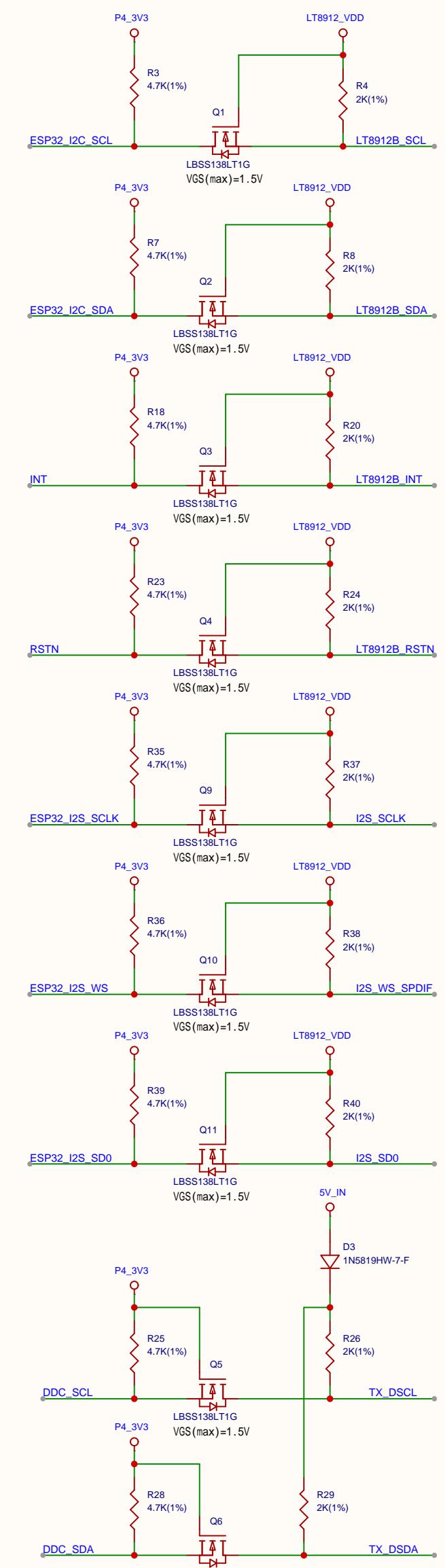


#### Support Board Holes



## LEVEL SHIFT

Level shift(LT8912's IO is 1.8V)



<b>Title</b>	ESP32-P4_MIPI-DSI_to_HDMI_LVDS_Converter_Board		
<b>Size</b> C	<b>Page Name</b> 02_MIPI-DSI_to_HDMI&LVDS	<b>Rev</b> 1.0	<b>Proprietary</b>
<b>Date:</b>	Wednesday, August 28, 2024	<b>Sheet</b> 2	<b>of</b> 2