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## Project: SJ2096POE Current Revision:

## SJ2096POE Revision History:

Date	Revision	Reason for Change	Changes Implemented
3/4/2020	Inital Release -> R0M0E0		
5/29/2020	ROMOEO> R1M1E1	1) Pull up the EN pin on the 3.3 V regulator 2) R1 showed be depopulated (PV) for MA2485 WAKEUP line) 3) Add 15D proscipon discuss to the fisherset lines 4) LEDs labels for "nBST" and "SV" are switched. 5) Polygon 3V3_L01_P425 is undermeath GND polygon on Layer 1 and didn't pour correctly (still electrically connected by tracing). 6) 15/18 are a bit too close for both cable housings 7) RGB camera connector that bard to get to as it's under the BW2099 8) Label the boot switches 9) KingTop doesn't like the L1 inductor. Says it's too fragile and hard to handle. Try to find alternate.	1) 3.3 V regulator EV nin yulled high to 5 V 2) Depopulated R1 on Production variant 3) Depopulated R1 on Production diodes on othernet diff pairs 4) Swapped "NS" and "SV" labels on overlay and added nemames to LEDs in schematic to help prevent this in the future. 5) Removed polyon and hickened traces 6) Increased connector spacing by 50mils to allow clearance 6) Increased connector 2mm right to make it a bit easier to grab the latch. Still not great, but better. 8) Added overlay labeling for each BOOT[4:0] and GPIOS8 9) Moved the L1 inductor to L1 on layout so it wasn't so exposed to impacts. Did not change PN or schematic.
7/23/2020	RIMIEI> R2MIE2	C35 preventing bridge from functioning properly.     Labeling of "GPIO6" is incorrect. Should be "GPIO8"	Removed C35 from PCB and BOM.     Changed references of GPIO6 to GPIO8. No physical change to PCB.
01/06/2021	BW2098POE_RIMIEI> SJ2096POE_R0M0E0	Moved from BW2098POE to SJ2096POE	Minor changes in schematic with power circuit arrangement.     Porgammable reset circuit removed.  PGB Layout redone.
04/21/2021	ROMOEO> R1MOE1	Slow plug issue with USB type-C     BOM errors	Added 1uFcapacitor to VBUS_DET updated PCB and fabrication files     Edited parameters for components

Title	SJ2096	POE		Luxonis Holding 1925 Harmony Park Drive		ı
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