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Project: BW10980AK
Current Revision: R0M0E0

## BW1098OAK Revision History:

Date	Revision	Reason for Change	Changes Implemented
10/21/2019	Initial release		
11/27/2019	BW1098OBC_R0M0E0 -> BW1098OBC_R1M0E1	1) Decoupling capacitors too close to OV9282 camera module body 2) Overlay on OV9282 camera module body too wide and should match outline of module body 3) Left/Right camera convention doens't match verbiage in schematic	1) Moved C7, C8, C9 and C12 a bit further from the 13 (Left) camera module. Moved C23 and C25 a bit further away from 9 (Right) camera module. 2) Updated the overlay for right and left OV9282 camera modules so that it outlined the 3D Body layer. This should match the camera module body outline and make it easier to mount and aligne the modules. 3) Corrected wording
06/04/2020	BW1098OBC_R1M0E1 -> BW1098OBC_R2M0E2	1) Add ideal diodes to USB and burrel jack for OR power 2) Shutter sync conflig needs to be FSINL/FSIN2 3) Need more room for labeling	1) Removed R5 and R6 00mb 0603 resistors from barrel jack and USB power inputs and added 2x LM66100 ideal diods to USB side and IuE Cd0.  2) Removed R23 and R28 from BOM and added R24 and R26 (same PN)  3) Reduced labeling on front side to allow for stickers and future labeling
09/17/2020	BW1098OBC_R2M0E2 -> BW1098OAK_R0M0E0	Add IMU circuitry, configured for SPI     Improve ESD protection on USB     Aux RST circuit gads no longer needed     Some users accidentially plug in >5V barrel jack     Adjust mechanical features to fit enclosure design	1) BNOSS circuitry added, configured for 1.8V IO SPI interface w/SPI0 bus 2) Added ESD protection on USB 3) Removed Ana RST circuit from design 4) Added SW, 5.6V zener to design for ESD and input protection 5) Added 2.1mm locating holes on each arm, and used board-edge mounting slots rather than the existing screw mounts. These slots are board-outline-defined, so the mounting holes were deleted from the schematic.

Title BW1098OAK				Luxonis Holding 1925 Harmony Park Drive	
Size:	Tabloid	Number: DXXXX	Revision:R0M0E0	Westminster, CO 80234	LUX
Date:	10/27/2020	Time: 12:29:36 PM	Sheet 1 of 11	United States	

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