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Project: BW2098POE Current Revision: R3M1E3

## BW2098POE Revision History:

Date	Revision	Reason for Change	Changes Implemented		
3/4/2020	Iniital Release -> R0M0E0				
5/29/2020	ROMOEO> RIMIEI	1) Pull up the EN pin on the 3.3V regulator 2) R1 should be depopulated (PU for MAZ485 WAKEUP line) 3) Add ESD protection diodes to the Ethernet lines 4) LEDs labels for "nKST" and "5" are switched. 5) Polygon 3V3_LD_1 PLZ5 is undermeath GND polygon on Layer 1 and didn't pour correctly (still electrically connected by tracing. 7) RGB camera connect or the hard to get to as it's under the BW2099 8) Label the boot switches 9) King Top doesn't like the L1 inductor. Says it's too fragile and hard to handle. Try to find alternate.	1) 3.3V regulator EN pin palled high to 5V 2) Depopulated R1 on Production variant 3) Added pads for END protection diodes on ethernet diff pairs 4) Swapped 'nRST' and 'SV' labels on overlay and added netnames to LEDs in schematic to help prevent this in the future. 5) Removed polygon and thickened traces 6) Removed polygon and thickened traces 7) Memoved connectors requiring by 50mils to allow clearance 7) Moved connector 2mm right to make it as hie easies 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.		
04/21/2021	R2M1E2> R3M1E3	1) Slow plug issue with USB type-C	1. Added 1uF capacitor to VBUS_DET updated PCB and fabrication files		

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Drawn by: Brian	Weinstein				

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