1 2 3 4 5

Project: BW2098POE Current Revision: R4M1E3

BW2098POE Revision History:

Date	Revision	Reason for Change	Changes Implemented
3/4/2020	Iniital Release -> ROM0E0		
5/29/2020	ROMOEO> RIMIEI	1) Pull up the EN pin on the 3.3V regulator 2) R1 should be depopulated (Pt] for MA2455 WAKEUP line) 3) Add ESD protection diodes to the fibremet lines 4) LEDs tabels for "BLS and "5" are switching soon Layer 1 and didn't be started to the started to the started to the started per or correctly (still learned to the started per or correctly (still learned to the started per or correctly still learned to the started per or t	1) 3.3V regulator EN pin pulled high to 5V 2) Depopulated R1 on Production variant 3) Added pads for ESD protection diodes on ethernet diff pairs 4) Swapped "InSE" and "SV" labels on overlay and added netnames to LEDs in schematic to help prevent 4) Swapped "InSE" and "SV" labels on overlay and added netnames to LEDs in schematic to help prevent 5) Removed polygon and thickned tracs 6) Increased connector spacing by 50mils to allow clearance 7) Moved connector 2mm right to make it ab the assister 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	R1M1E1> R2M1E2	1) C35 preventing bridge from functioning properly. 2) Labeling of "GPIOG" is incorrect. Should be "GPIOG" I applied to the control of the	Removed C35 from PCB and BOM. Changed references of GPIO6 to GPIO8. No physical change to PCB.
08/05/2022	R2MIE2> R3MIE3	Move to universal camera FPC connector No need for RST supervisor Diolect for RST on longer available? Power jack not needed, USB power is OK	Changed connector to F32R-1A7H1-11026 and changed pinout Removed RST supervision Replaced normal diodes with ideal diodes CD-HD01 Removed power jack and added USB power. Also removed input power selection jumper and replaced it with an OR gate ideal diodes.
08/31/2022	R3M1E3 -> R4M1E3	Camera connector was sticking out of PCB.	Moved connector back slightly so it doesn't protrude from the board.

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