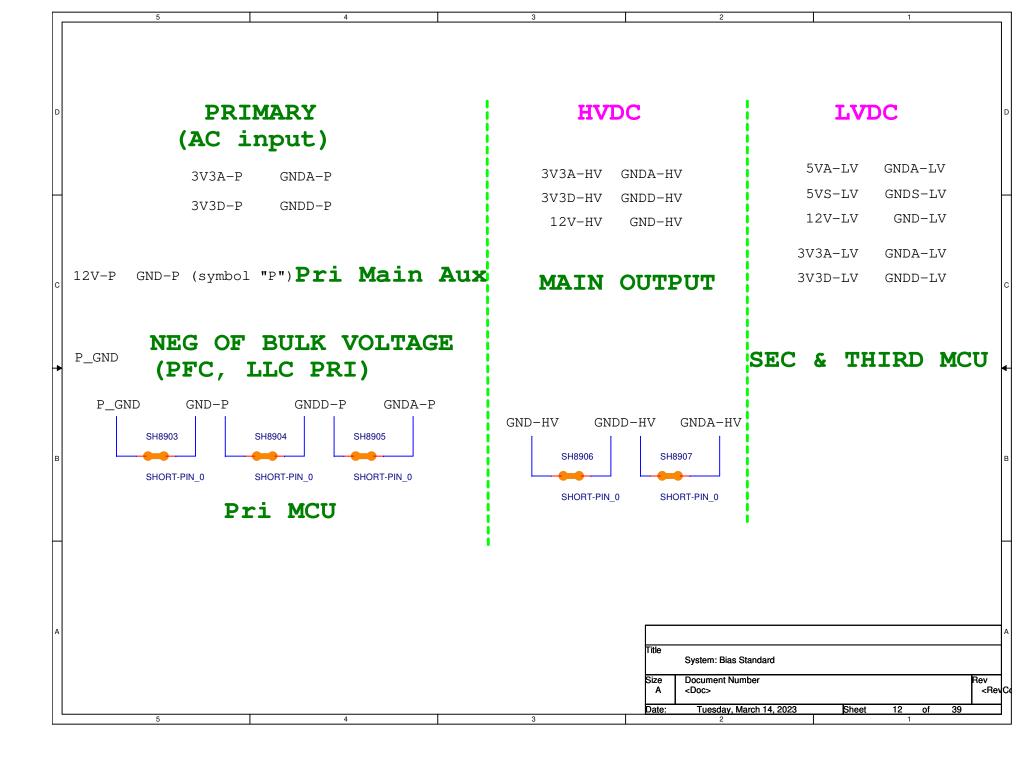
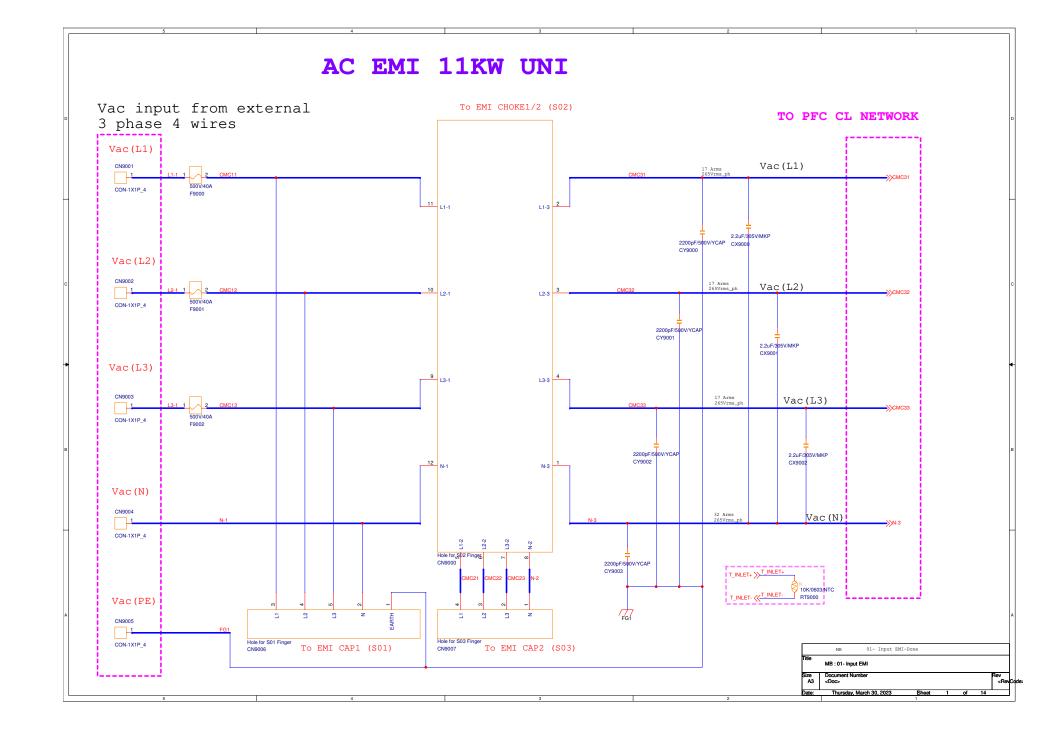
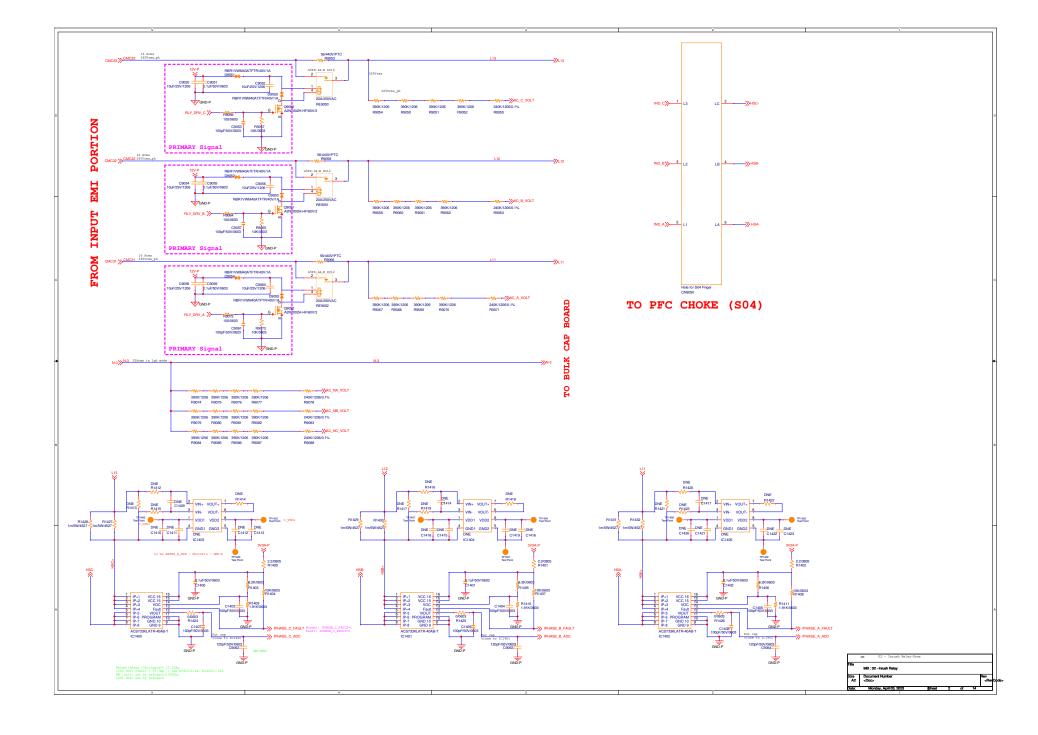


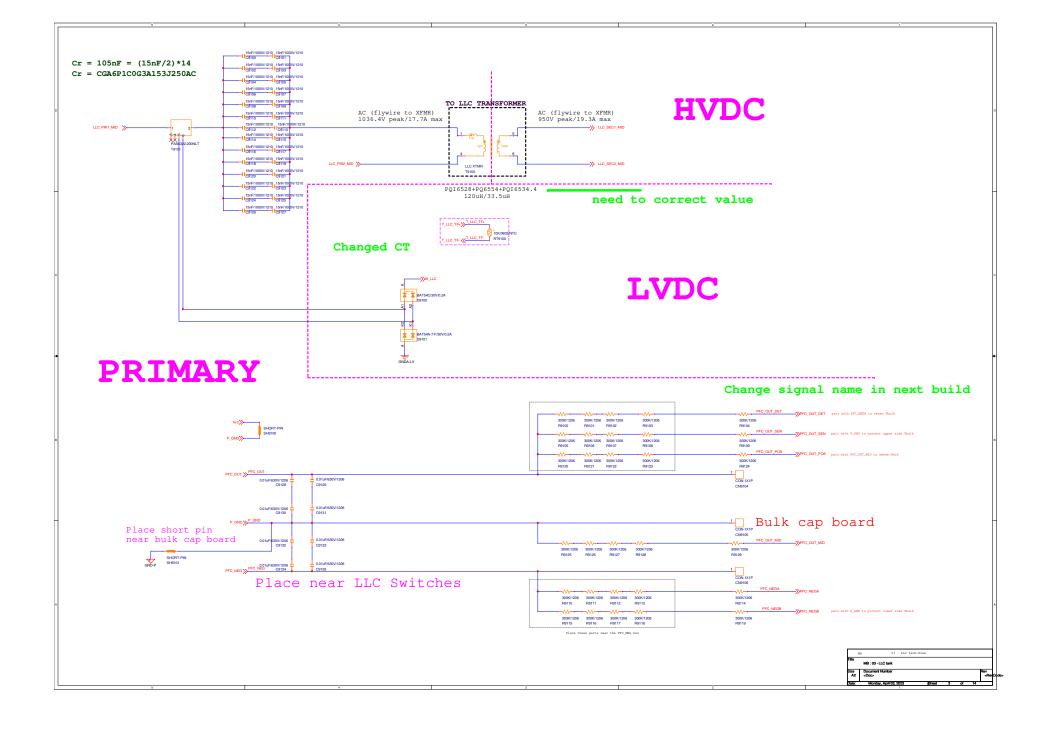
## Check: 1. Net name 2. Board to board connectors 3. Ground: GND-P, GNDA-P (MAKE SURE NOT AGND), ... -HV, ... -LV, 4. DNE parts: IF FOUND "DNE" IN BOM, THEN NEED TO MANUALLY CHANGE TO "DONOT STUFF" IN SCHEMATIC 5. Re-calc Bandwidth of filter (for controller, to approach Win) 6. Re-calc Gain of sense and remark 7. Re-check Gate Drive circuit (gate res, limiter) 8. Check part with A/B/C sub part 9. Add title for MB and each sub-board 10. Check all remarks (refer to closest part reference) System: Remarks

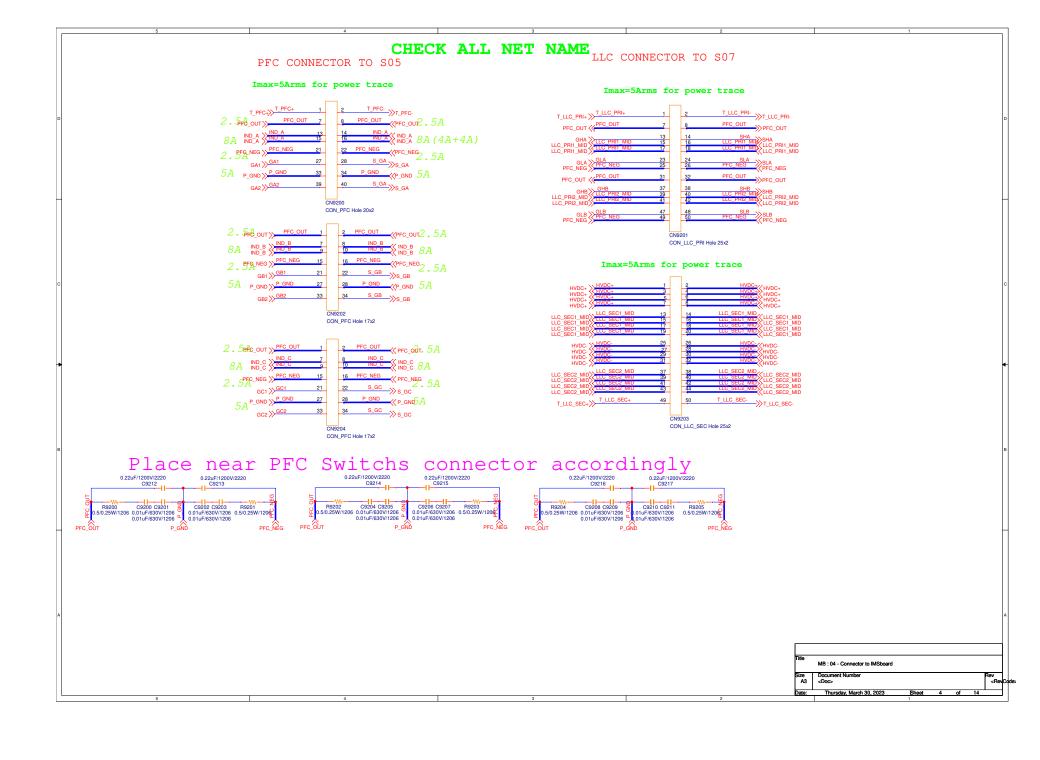


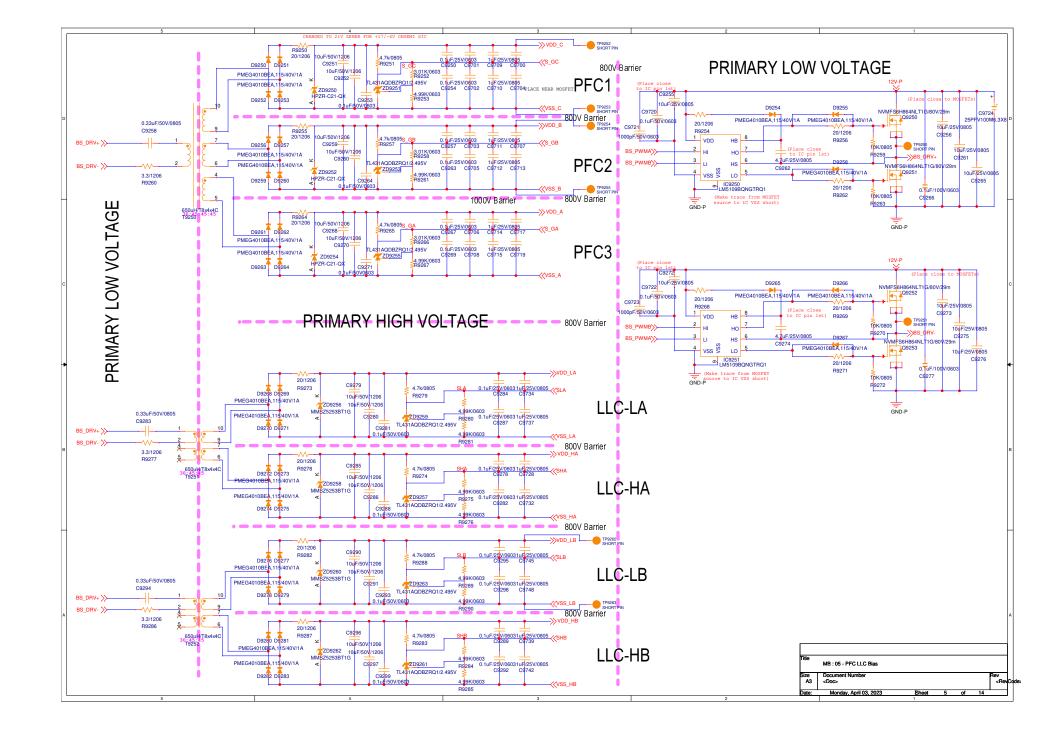
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***Standard part location numbering***
MB 01-Input EMI: 9000-9049
MB 02-Inrush Relay: 9050-9099
MB 03-LLC tank: 9100-9199
MB 04-Connector to IMSboard: 9200-9249
MB 05-PFC LLC Bias: 9250-9299
MB 06-PFC Drive: 9300-9349
MB 07-LLC Drive: 9350-9399
MB 08-Pri MCU PFC ADC: 9400-9449
MB 09-Pri MCU Protection: 9450-9499
MB 11-Pri MCU Main: 9550-9649
MB 12-Pri MCU Bias: 9650-9699
MB 13-Pri MCU Comm: 9700-9749
MB 14-LVDC connectors: 9750-9799
MB 15-HVDC Output: 9800-9849
S01-EMI Cap1: 1100-1199
S02-EMI Choke: 1200-1299
S03-EMI Cap2: 1300-1399
S04-PFC Choke: 1400-1499
S05-PFC Switches: 1500-1599
S06-Bulk cap: 1600-1699
S07-LLC Switches: 1700-1799
S08-2nd & 3rd MCU: 8000-8999
S09-Main Aux: 1800-1999
S10-HVDC EMI choke: 1000-1099
                                              System: Part numbering standard
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                                                                        Rev
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                                               Wednesday, March 29, 2023
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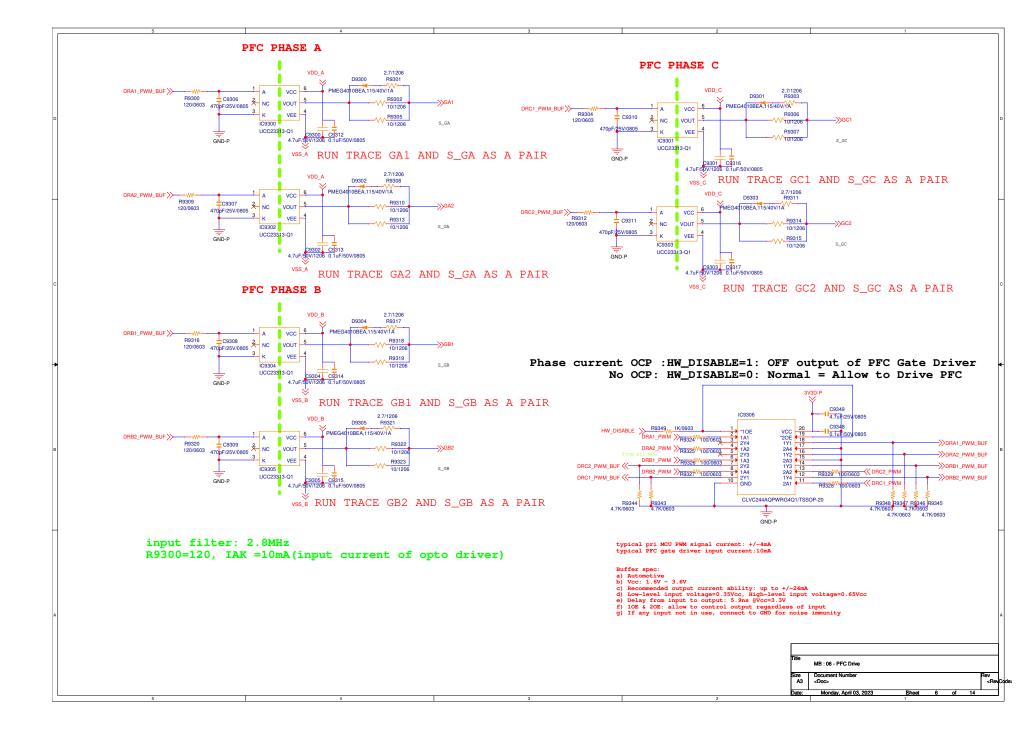


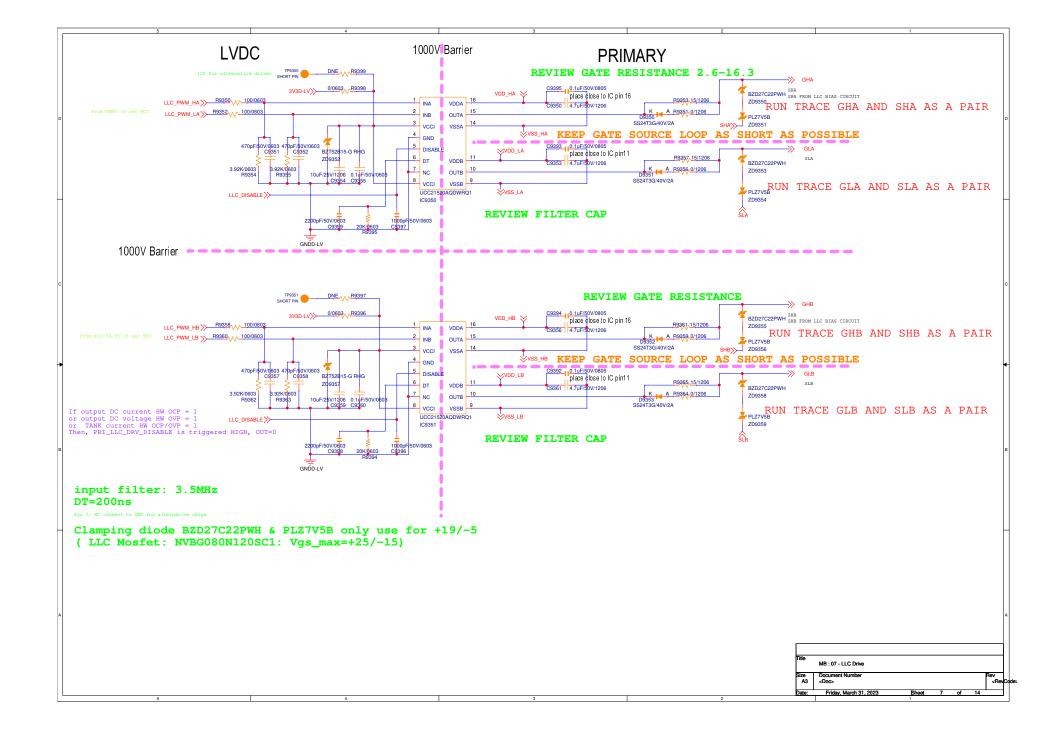


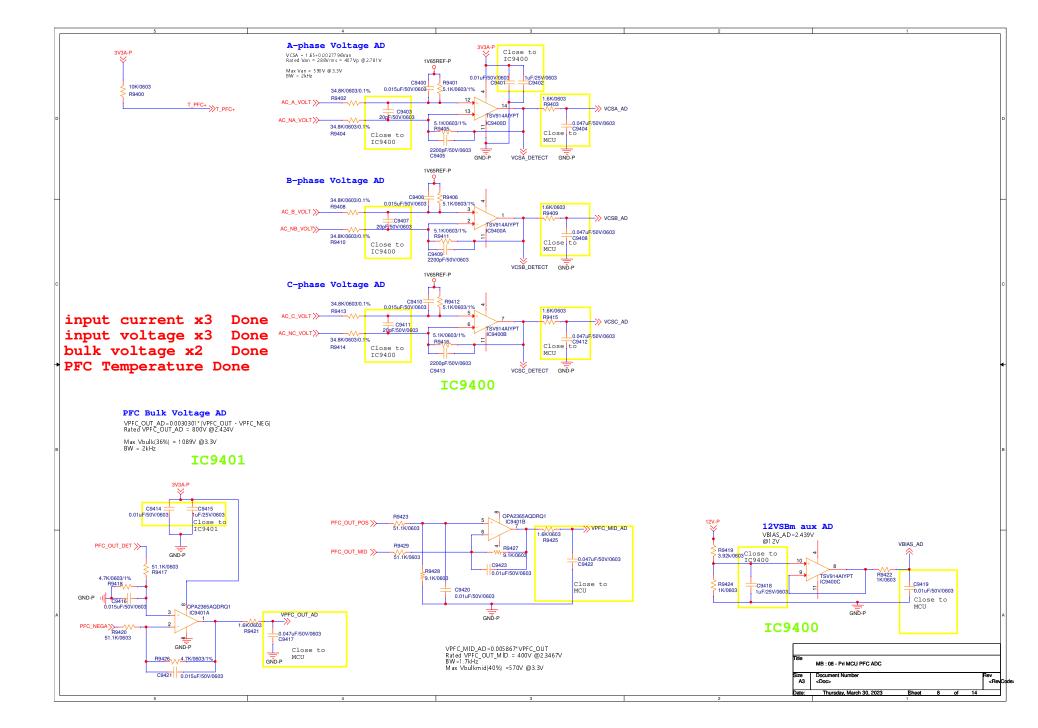


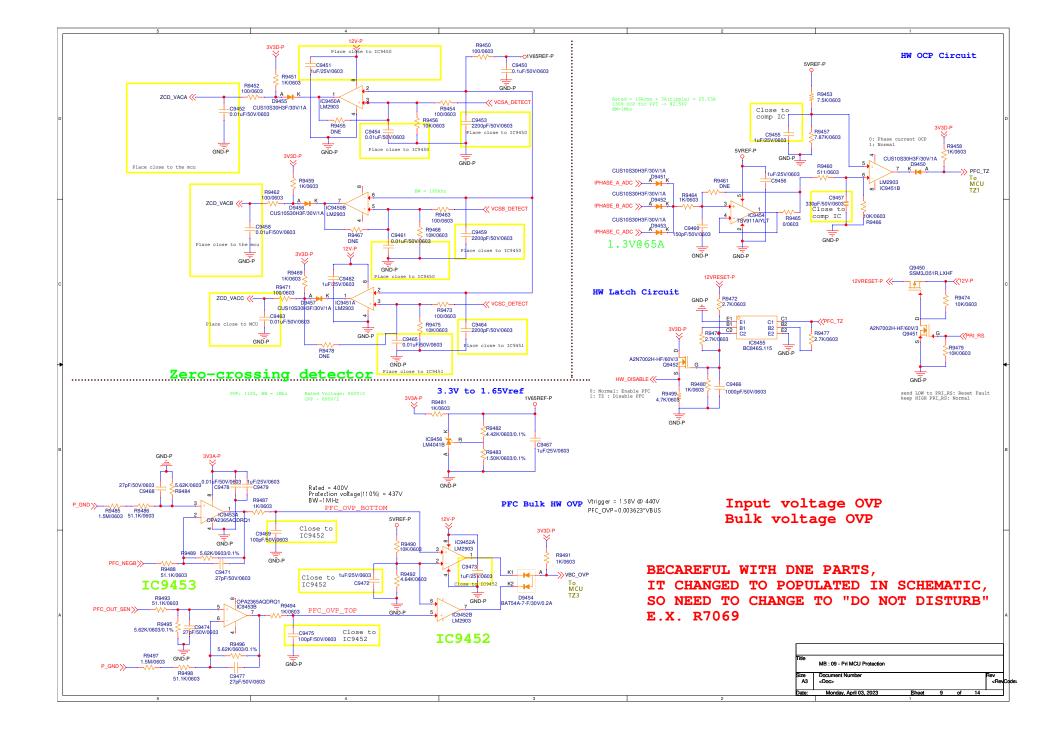


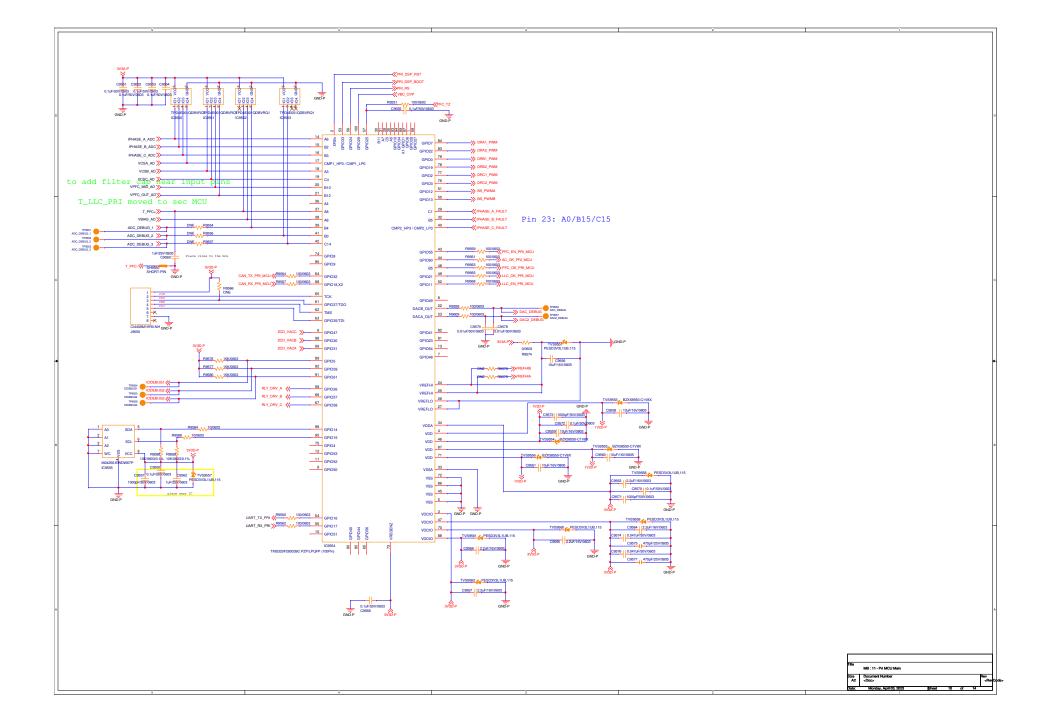


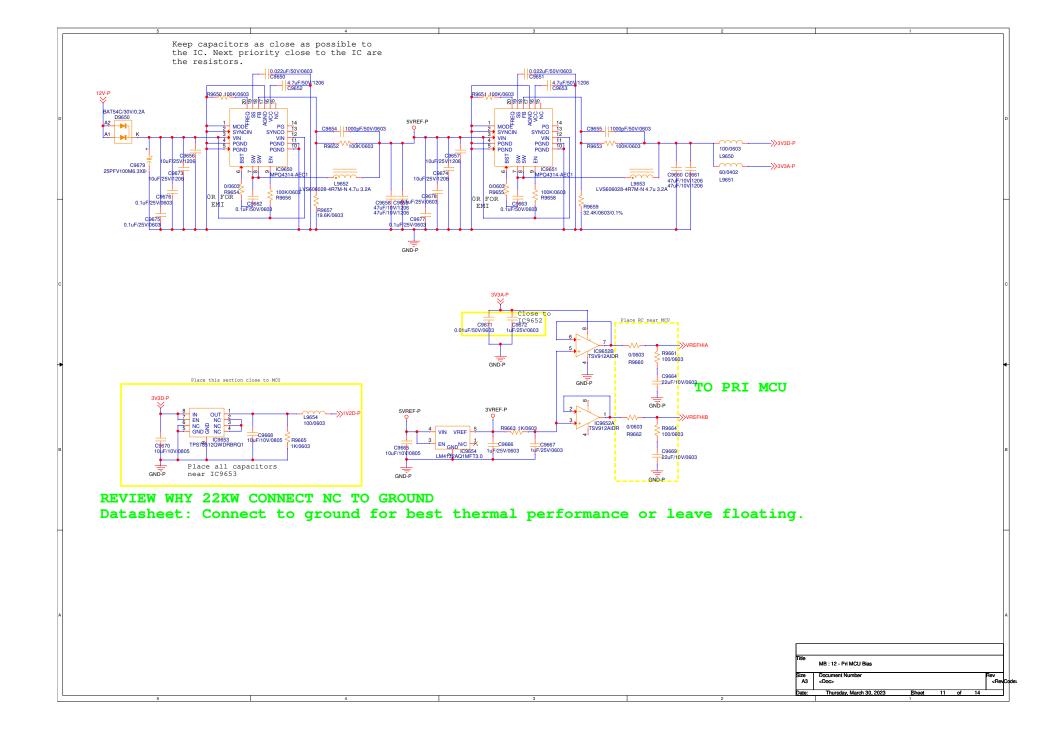


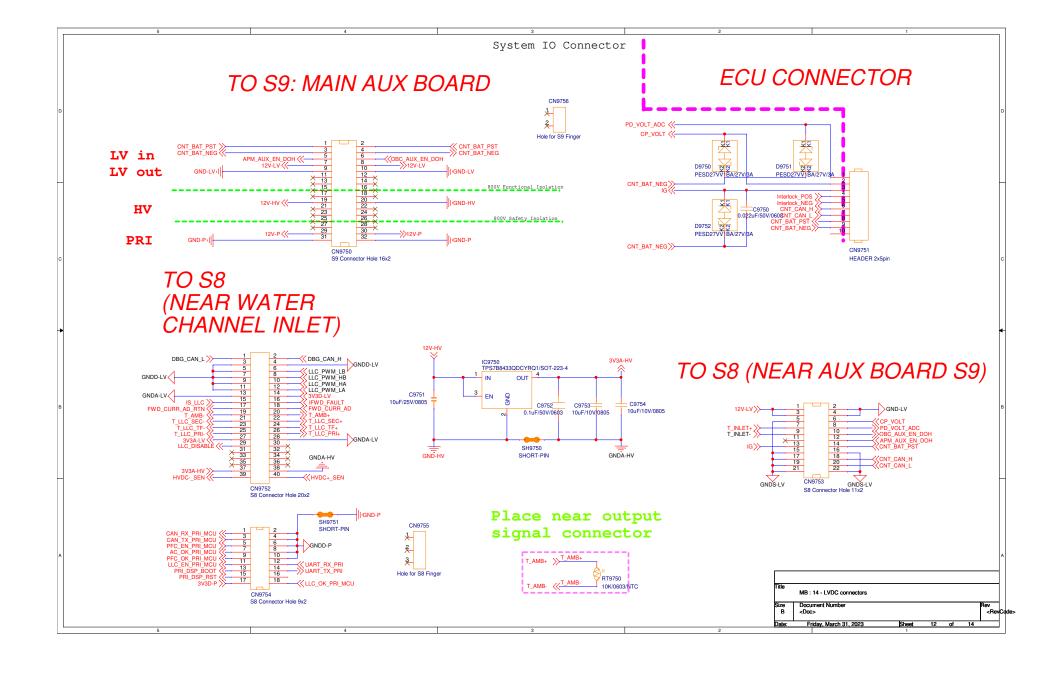


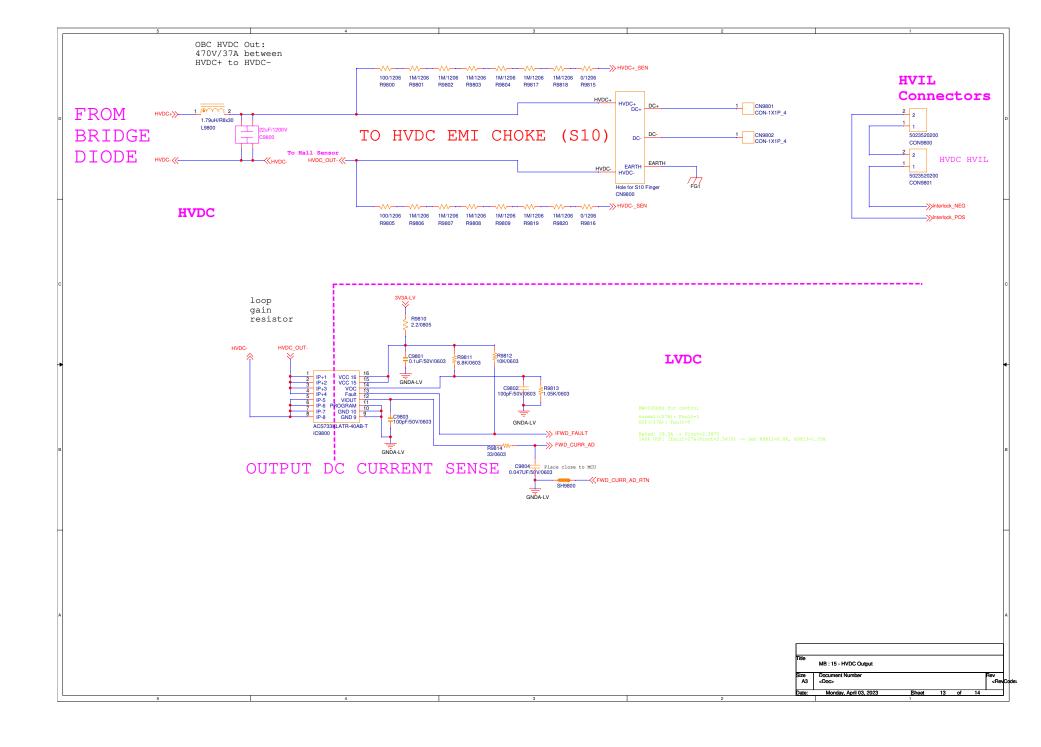


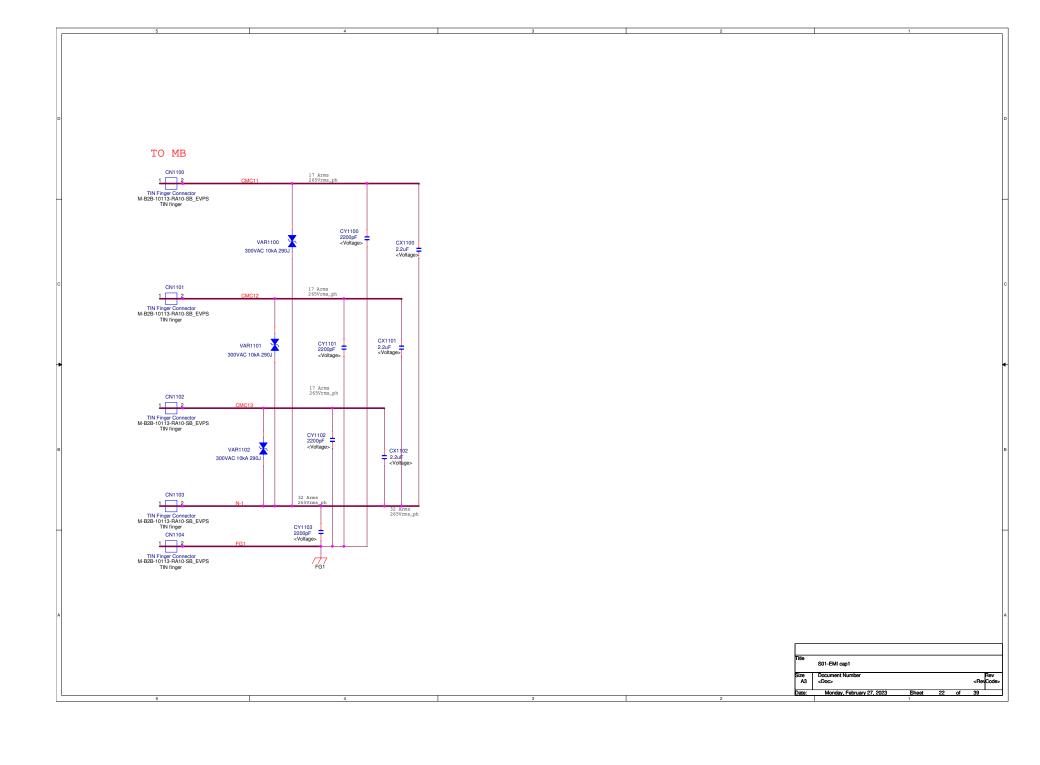


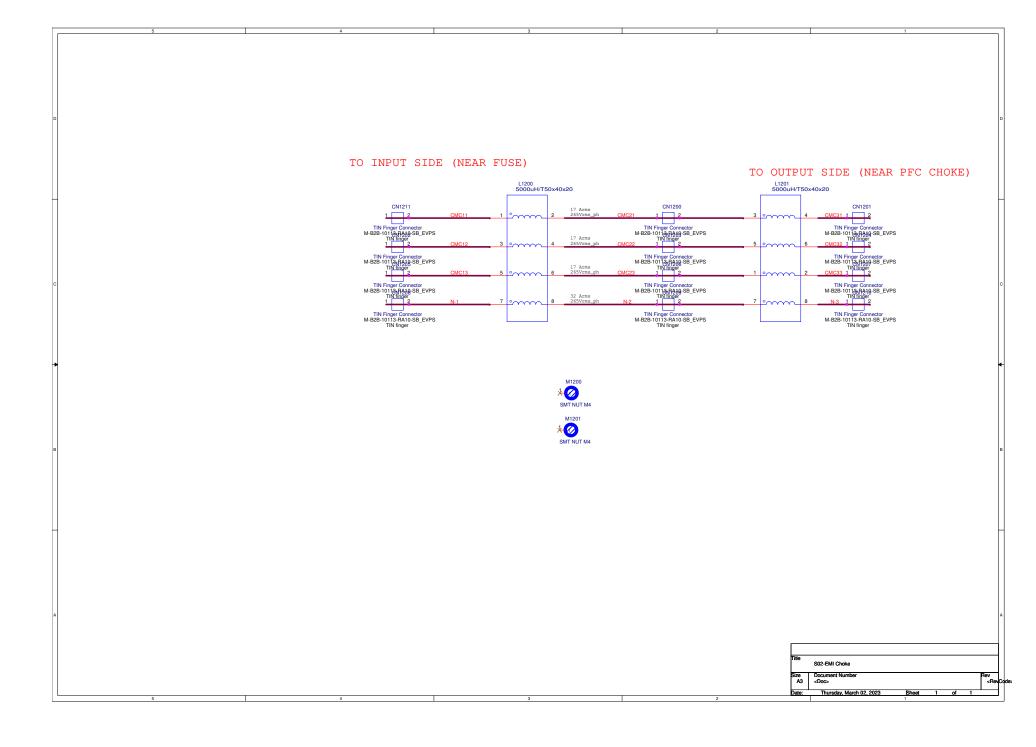


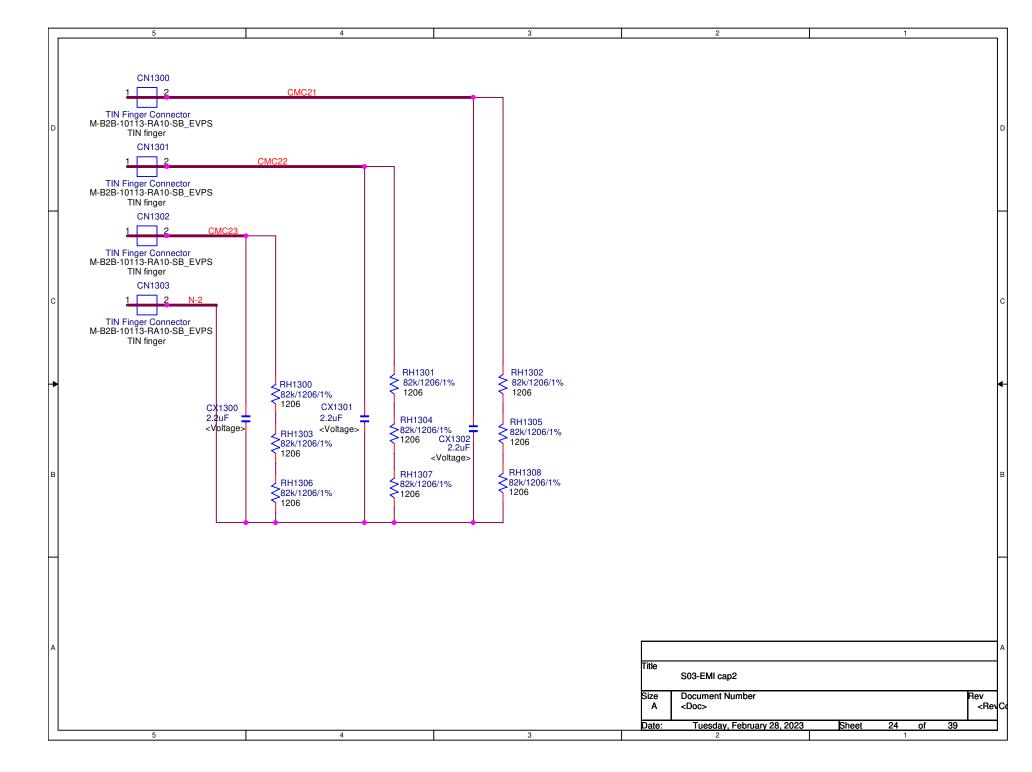












TIN FINGER (TO MB) TIN FINGER (TO MB) Hole for S04 Finger CN1400 L1400 CHOKE-O4-1113-LA00-HEQ3626A 468uH/HEQ3626A 6 5 HSA- (( L11 11 LA LA LA S04-PFC Choke & Hall sensor Document Number <Doc> Monday, March 13, 2023

