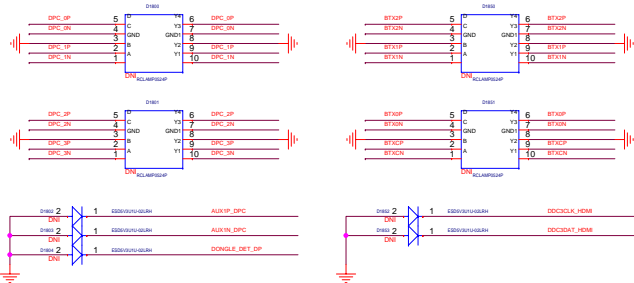
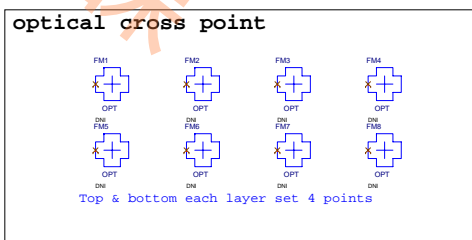
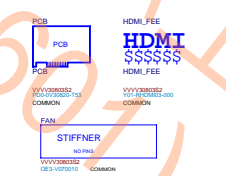
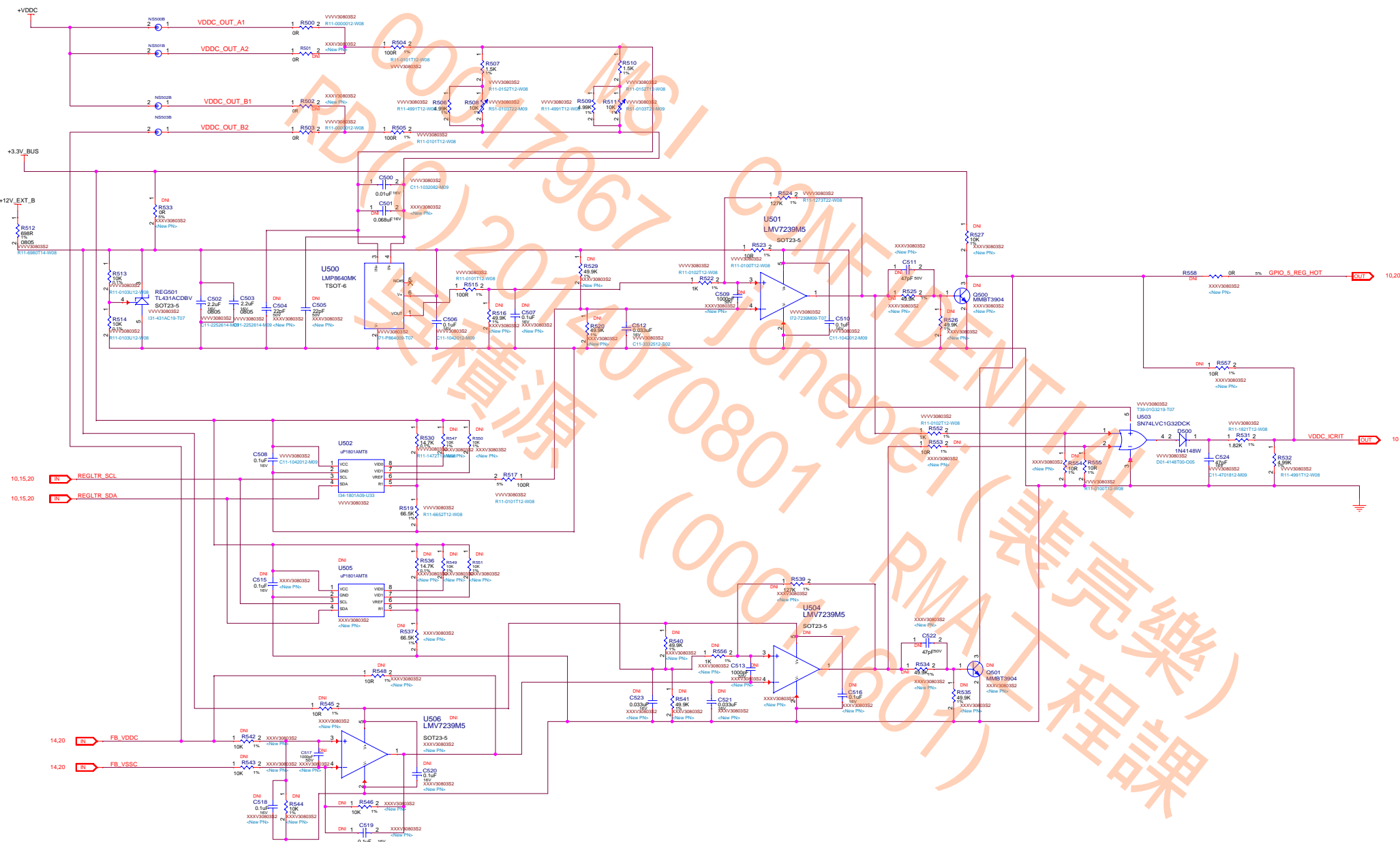


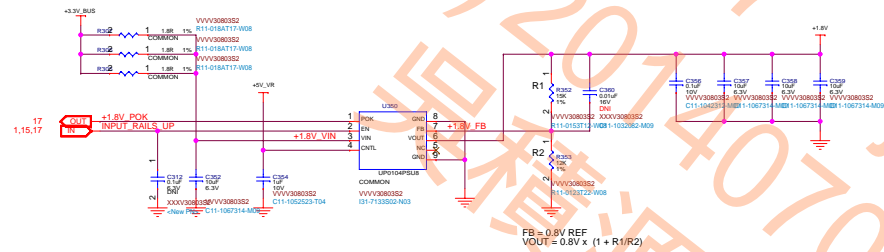
OPTIONAL ESD PROTECTION DIODES



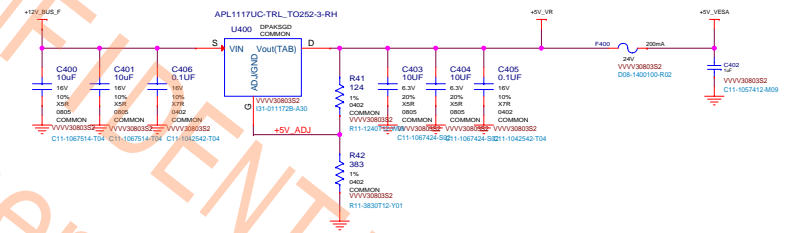


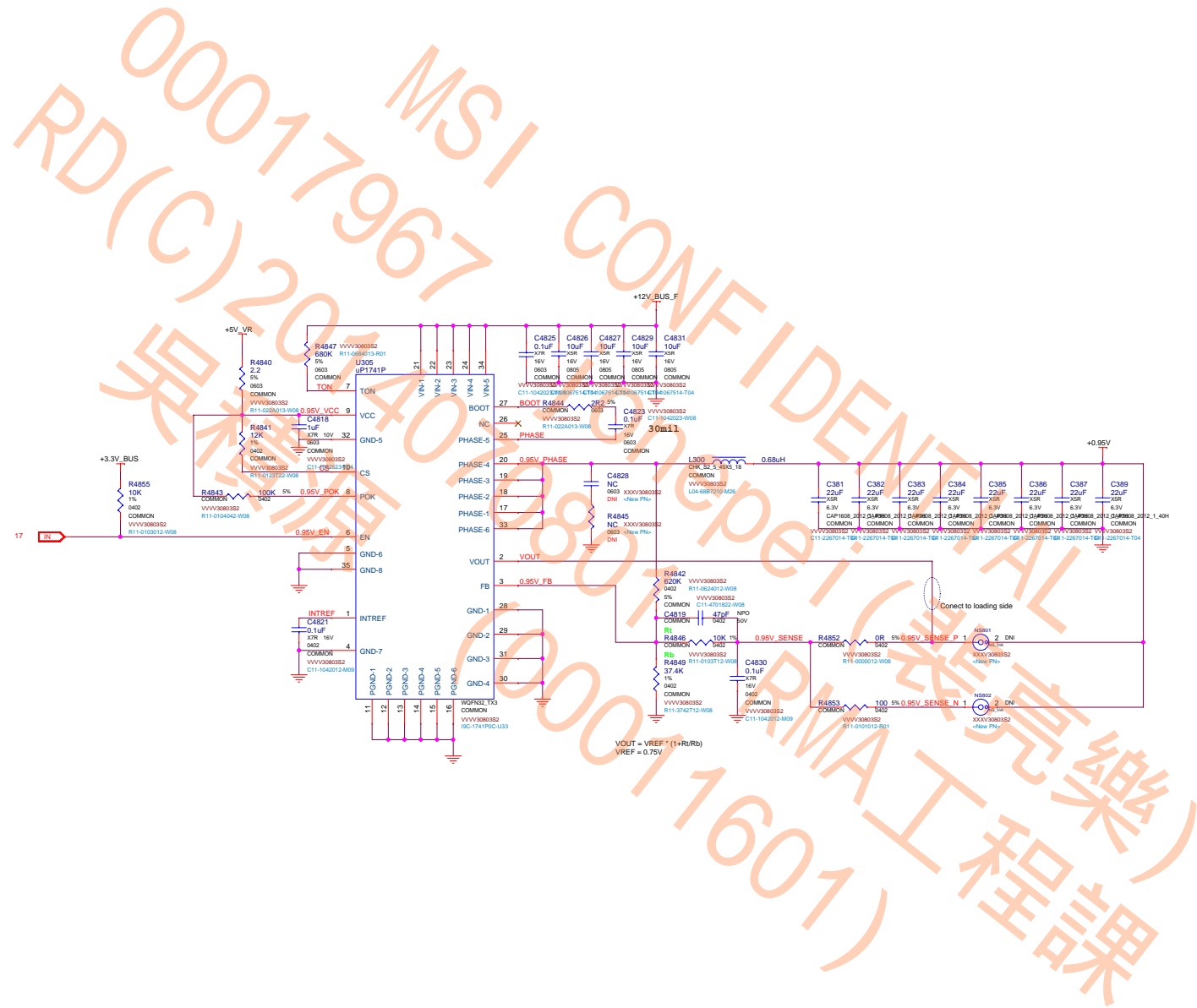


Regulators for +1.8V

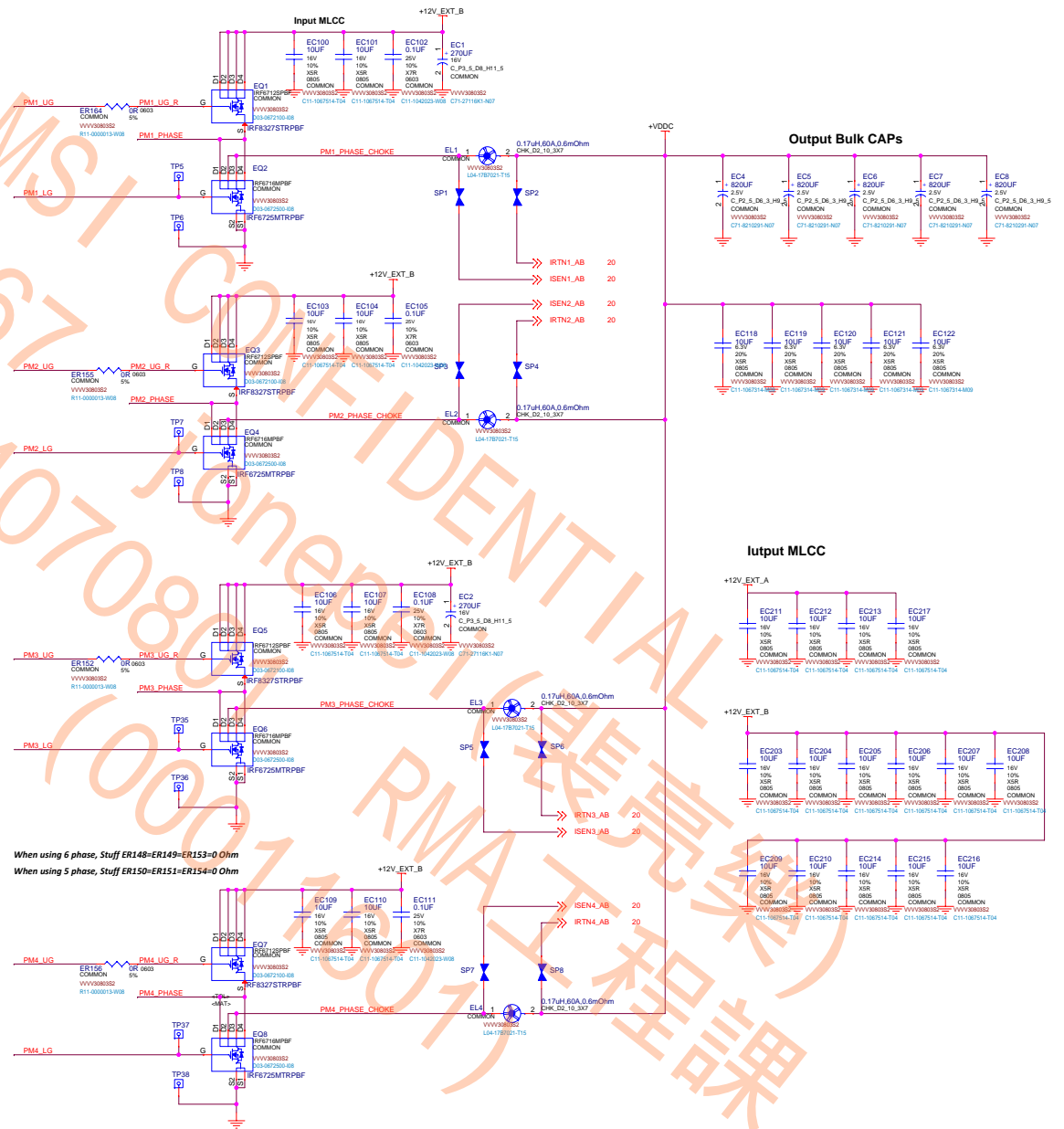


Regulators for +5V, and +5V_VESA

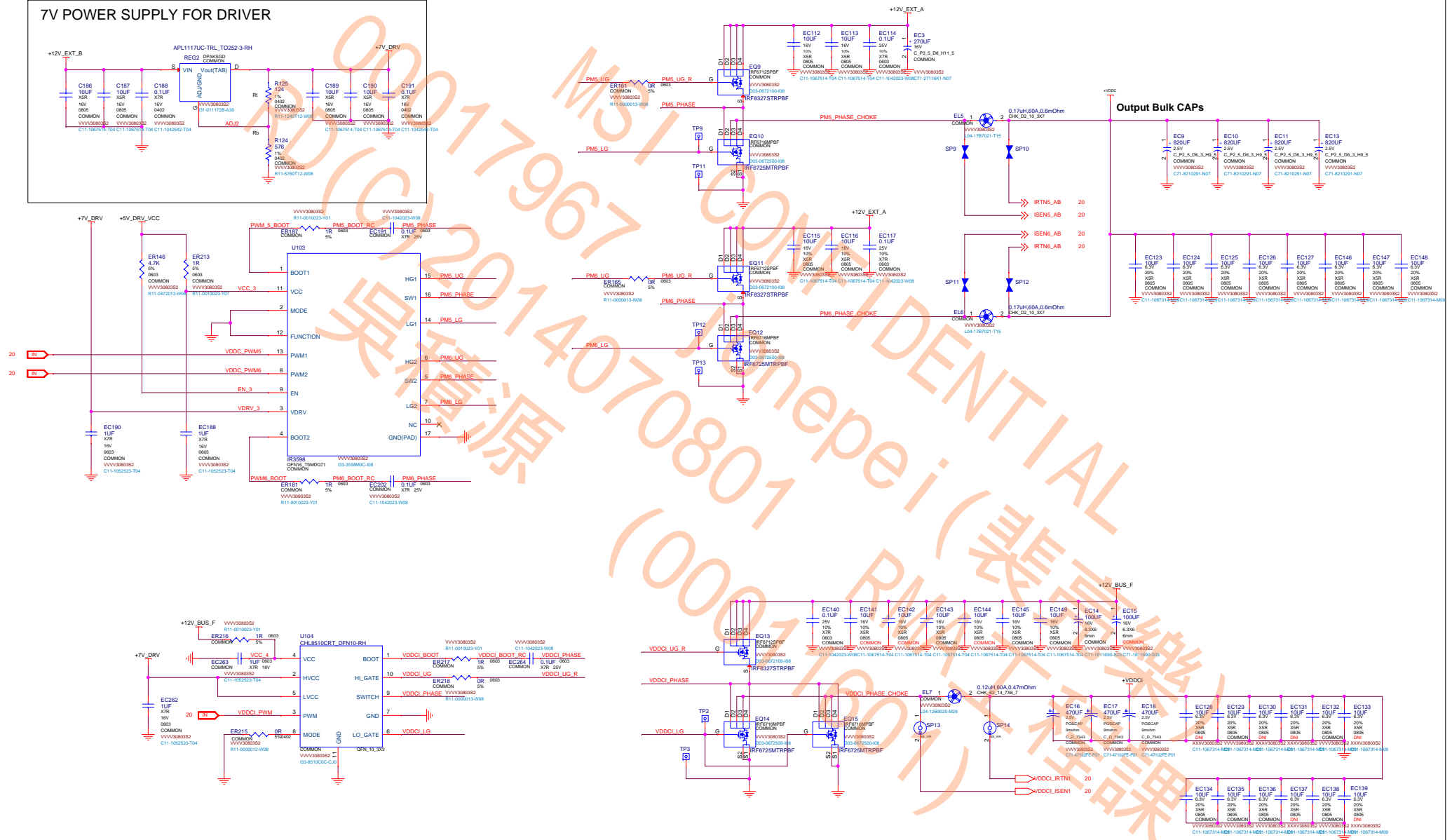




$$VOUT = VREF * (1 + Rb/Ra)$$
$$VREF = 0.75V$$

[illegible]

7V POWER SUPPLY FOR DRIVER





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RMA工程課
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Remove

LED GREEN "ON" shows P_X_EN

Remove

LED RED "ON" shows Fault

- | | | | |
|---|-----|---------------|---|
| 1 | 00A | Feb01
2013 | Initial release for engineering review. |
| 2 | 00B | Apr12
2013 | 1) Added provision to combine Ext_A and Ext_B on MVDD input.
2) Added filter on 12V_BUS.
3) "Fixed" CTF_DIS connection.
4) MVDDPWGOOD pull-up changed to 1.8V.
5) Removed diode from 1.8V_POK.
6) Improved power sequence for MVDD_EN. |
| 3 | 00C | Jul24
2013 | 1) WAKEB enable changed to VDDC_I_EN.
2) Changed polarity of PCC comparator and added the circuitry to provide fast rising and delayed falling edges
3) Added filter on MVDD enable input
4) Added provision to connect 1.8V_DAC directly to PCC comparator.
5) Added extra MLCCS and polymers for whining noise reduction. |
| 4 | 00D | Sep30
2013 | 1) Added option for 300W board power.
2) Added option of PCC circuitry from C671 board.
3) Added VR_HOT option from C673.
4) Added extra filtering options for VDDC current measuring.
5) Added more caps on DP_VDDR. |

- | | | | | |
|---|---------|---|---------|---|
| 5 | V308-20 | Page01 : 1. MVDD_PWRGD change to INPUT_RAILS_UP
2. Remove JTAG | V308-21 | Page17 : 1. L1000/L1001/L1002/J1000/J1001 change footprint
2.Remove R1020/R1021/MJ1001 |
| | | Page10 : Remove CF Test Point
Page11 : 1. Change DVI footprint and library
2. Add ESD
Page12 : 1. Change DP/HDMI footprint and library
2. Add ESD
Page13 : 1. Change DVI footprint and library
2. Add ESD
Page15 : 0.95V_EN change to INPUT_RAILS_UP
Page16 : Copy from C671 PCC circuit
Page17 : Copy from C671 sequence circuit
Page18 : 1. Change 1.8V LDO
2. 5V change to 1117
Page19 : 0.95V Change to I9C-1741P0C-U33
Page20 : VDDC/VDDCI controller change to IR3567B
Page23 : MVDD PWM change to I32-1509P0C-U33
Page24 : Remove Debug circuit | V308-22 | No change |