MS-V094-0A-- G86GS, 128/256 Mb DDR3-136pin, VGA, DVI-I, SD/HDTV

SUMMARY:

Rev History

1. Base on P456-A02 to Modify
2. BGA-136 DDRIII

3. Modify Page 9, Modify SLI circuit for G86
3. Modify Page 14, Remove TMDS LINK C&D circuit

## Table of Contents:

Page 1: TITLE

Page 2: PCIe INTERFACE

Page 3: FBA INTERFACE

Page 4: FB A

Page 5: FBA DECOUPLING

Page 6: FBC INTERFACE

Page 7: FB C

Page 8: FBC DECOUPLING

Page 9: MIOA/MIOB/SLI

Page 10: DACC

Page 11: DACA

Page 12: DACB/TVOUT

Page 13: TMDS LINK A & B

Page 14: TMDS LINK C & D

Page 15:XTAL/PLLVDD

Page 16: GPIO/ROM/HDCP ROM

Page 17: Straps/Mechanical

Page 18: Linear Power

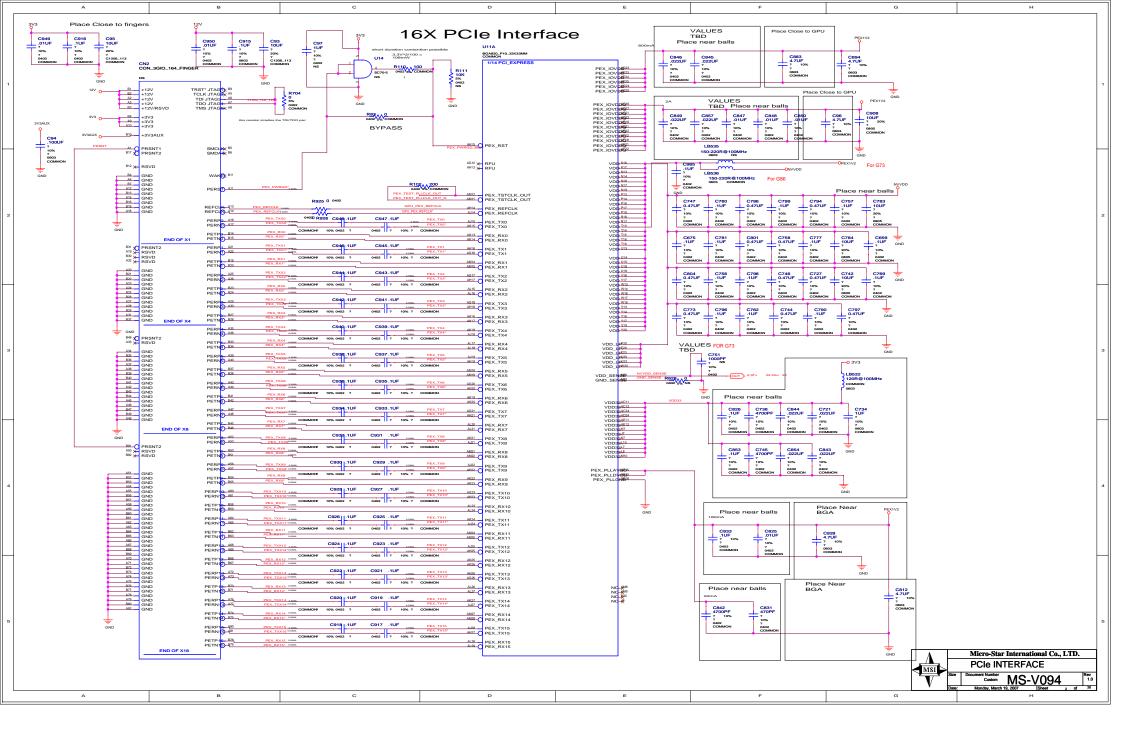
Page 19: NVVDD,5V,A3V3

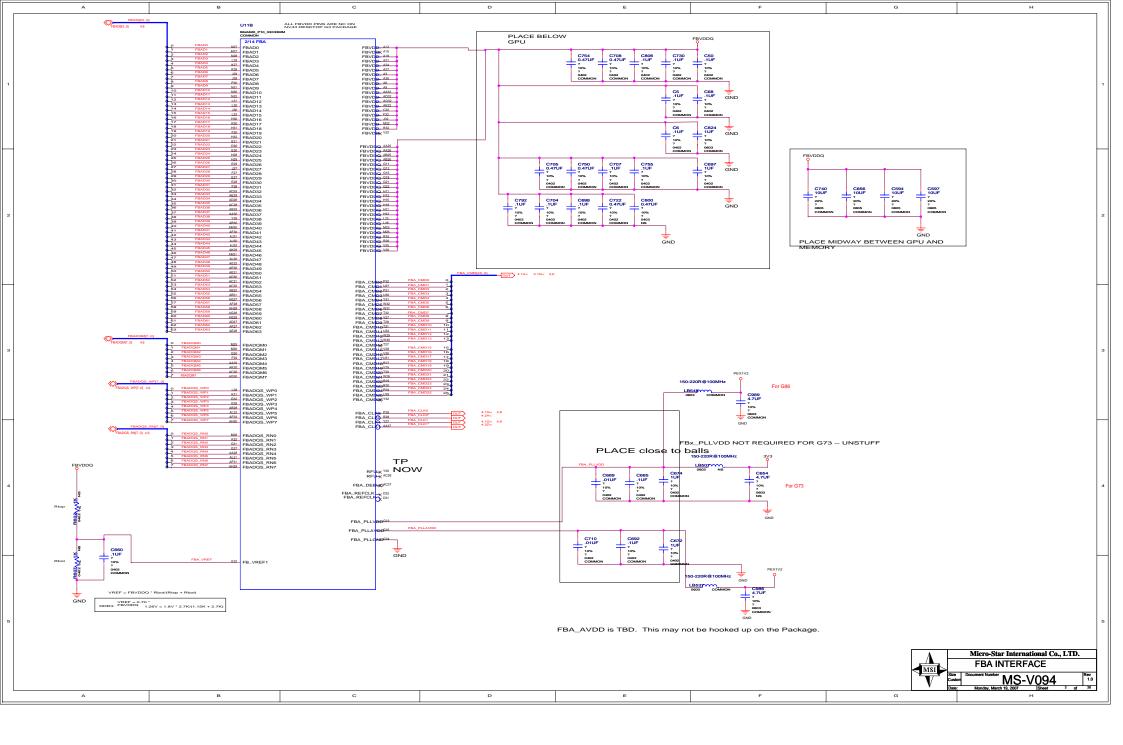
Page 20: FBVDDQ

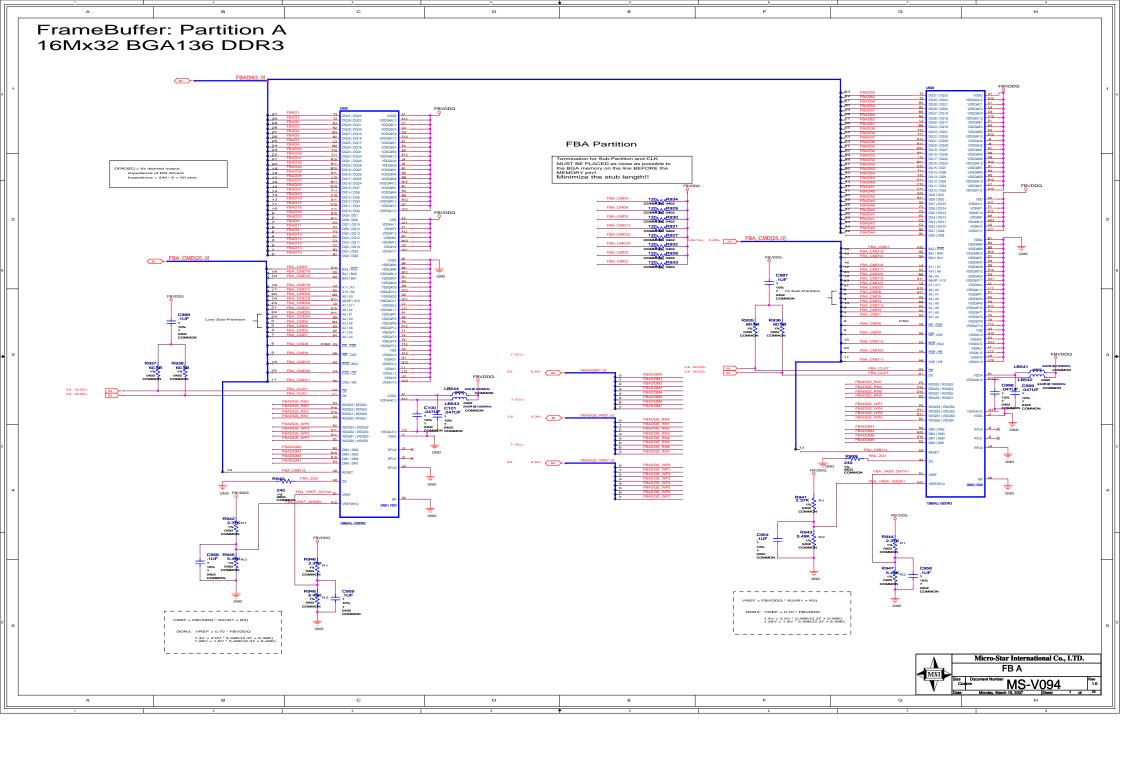
- 4. Modify Page 15, Remove SPDIF circuit
- 5.Modify Page 20 FBVDDQ,PWM IC change to use 7210, Add LINEAR POWER & APW 7080

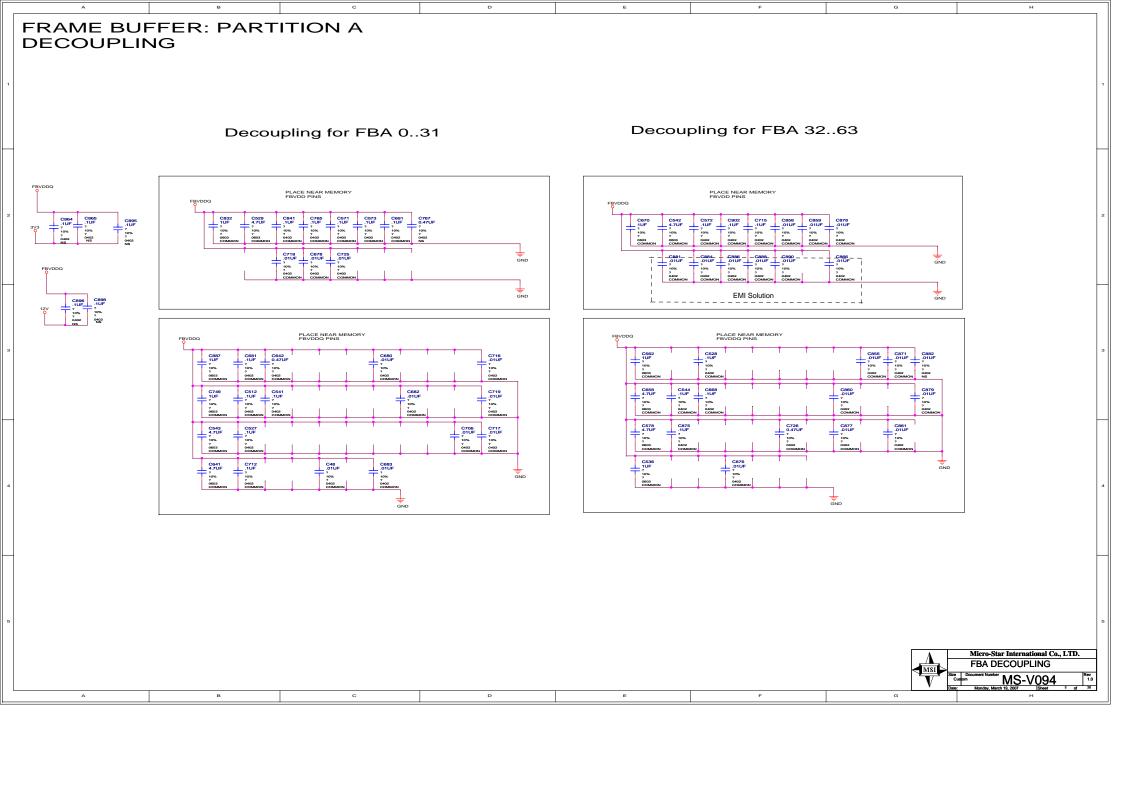


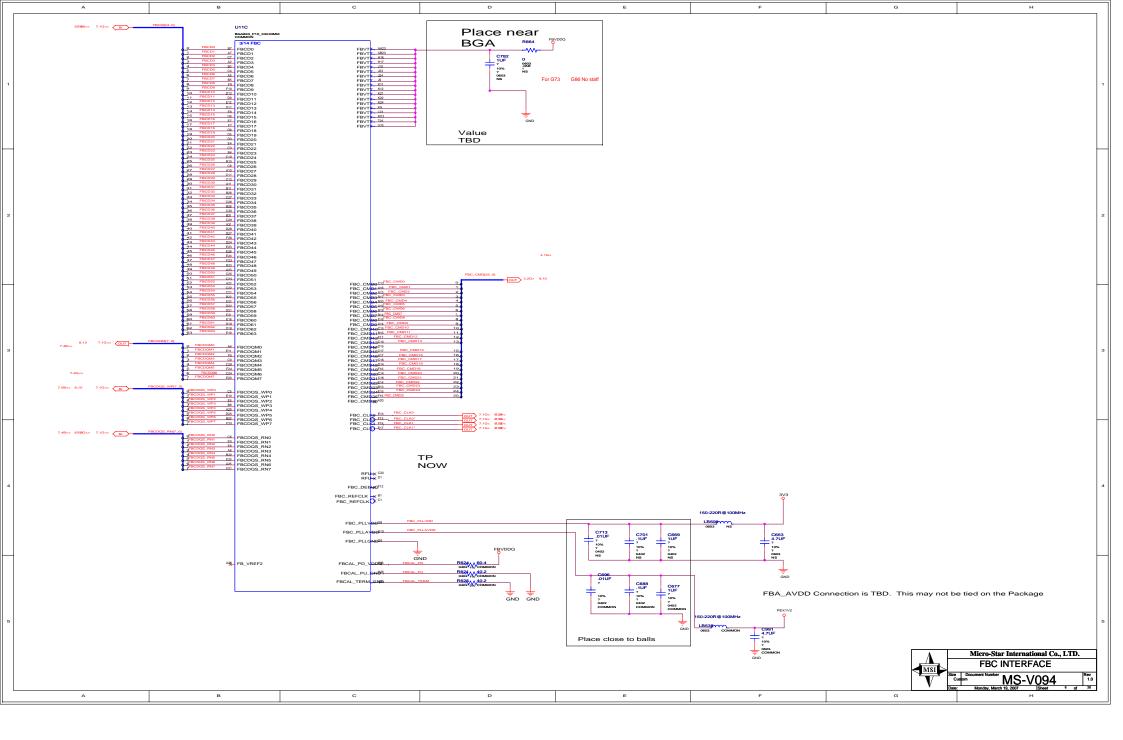
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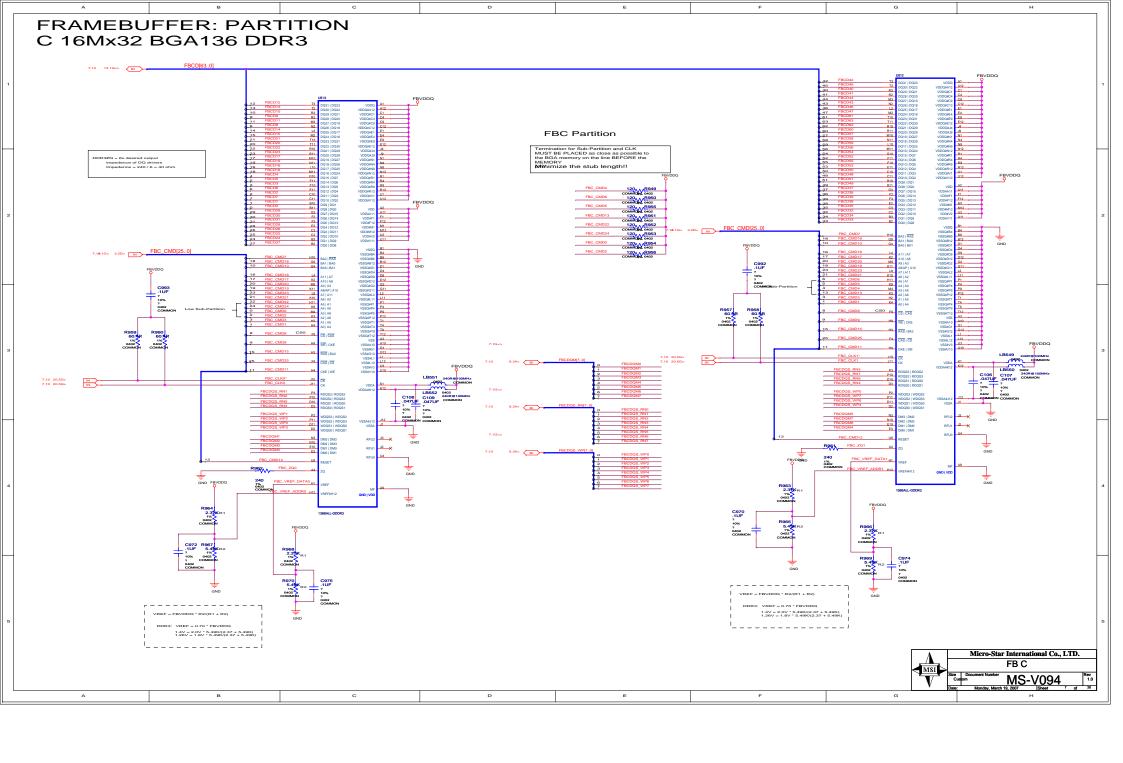


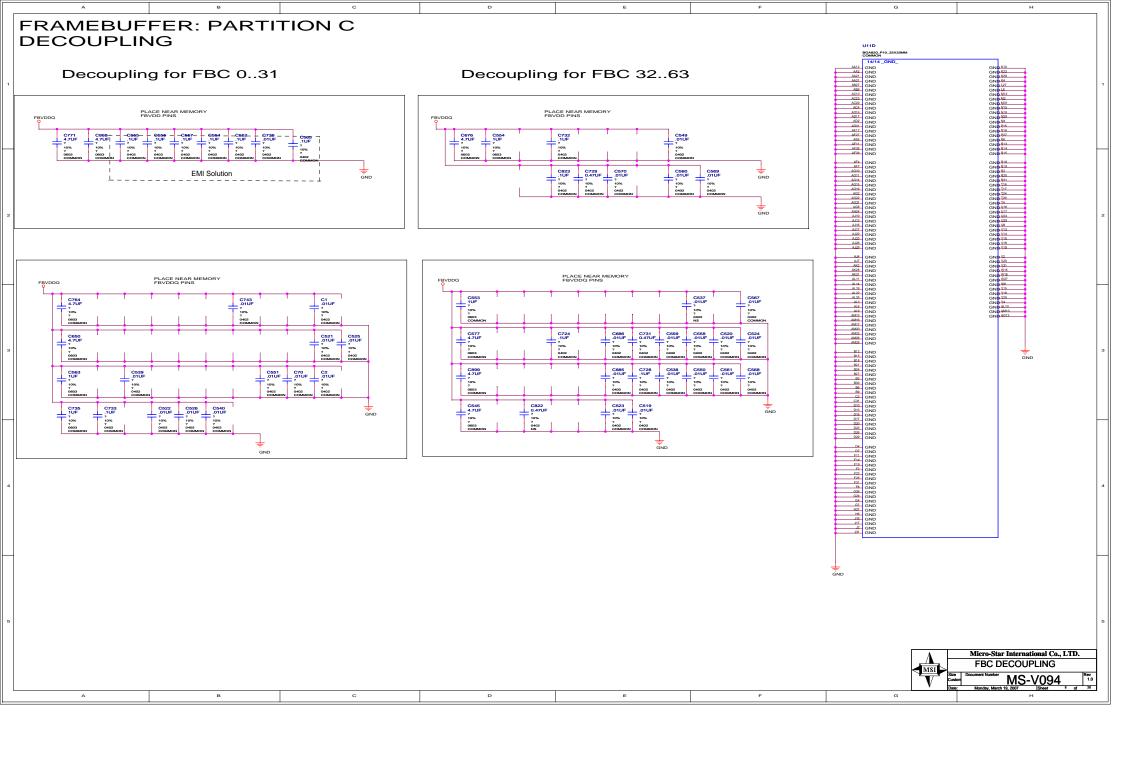


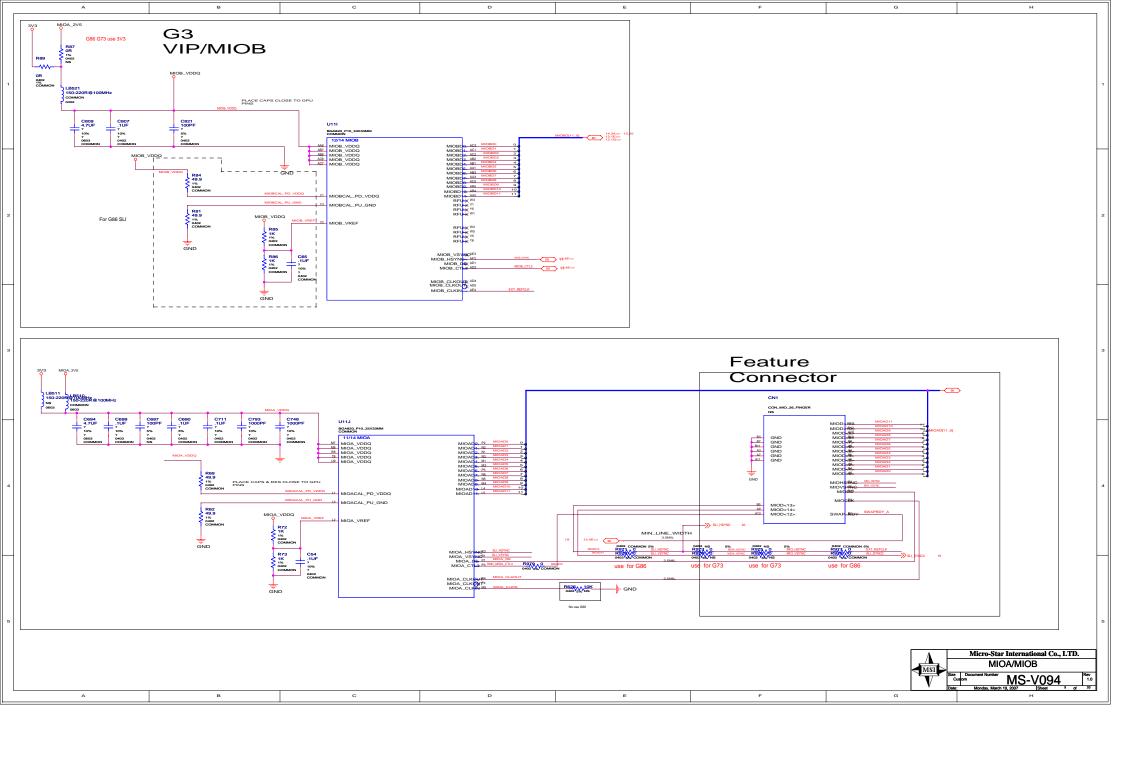


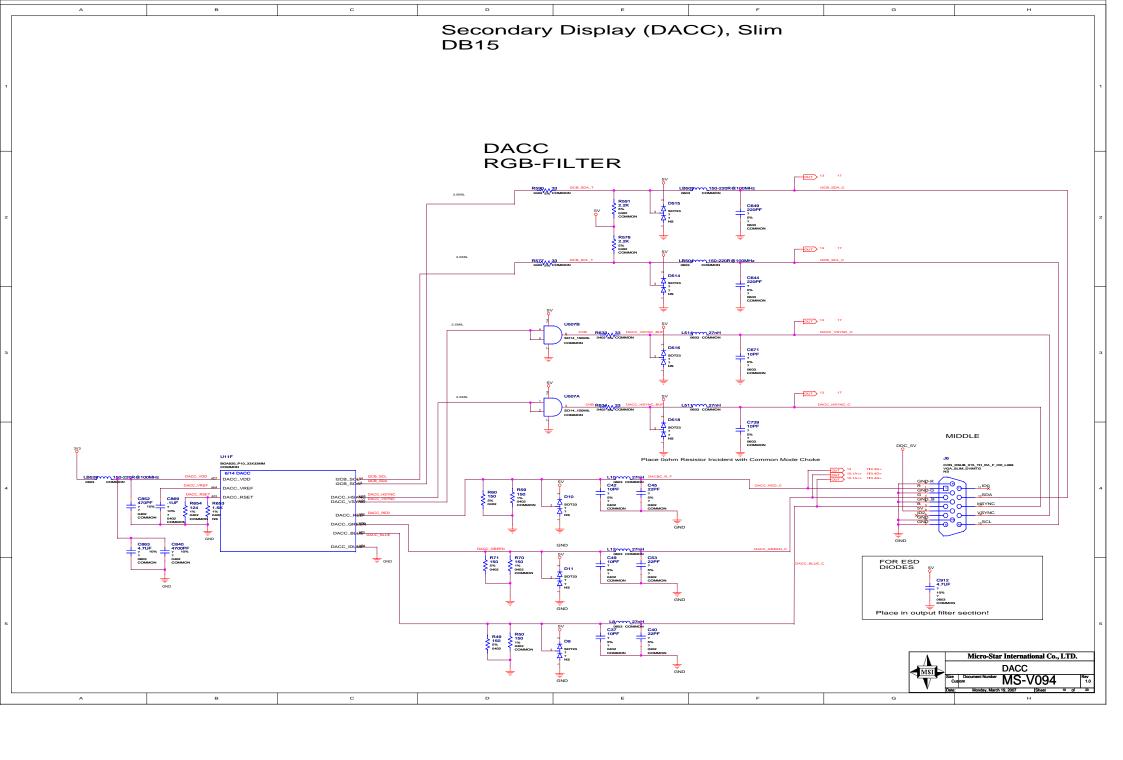


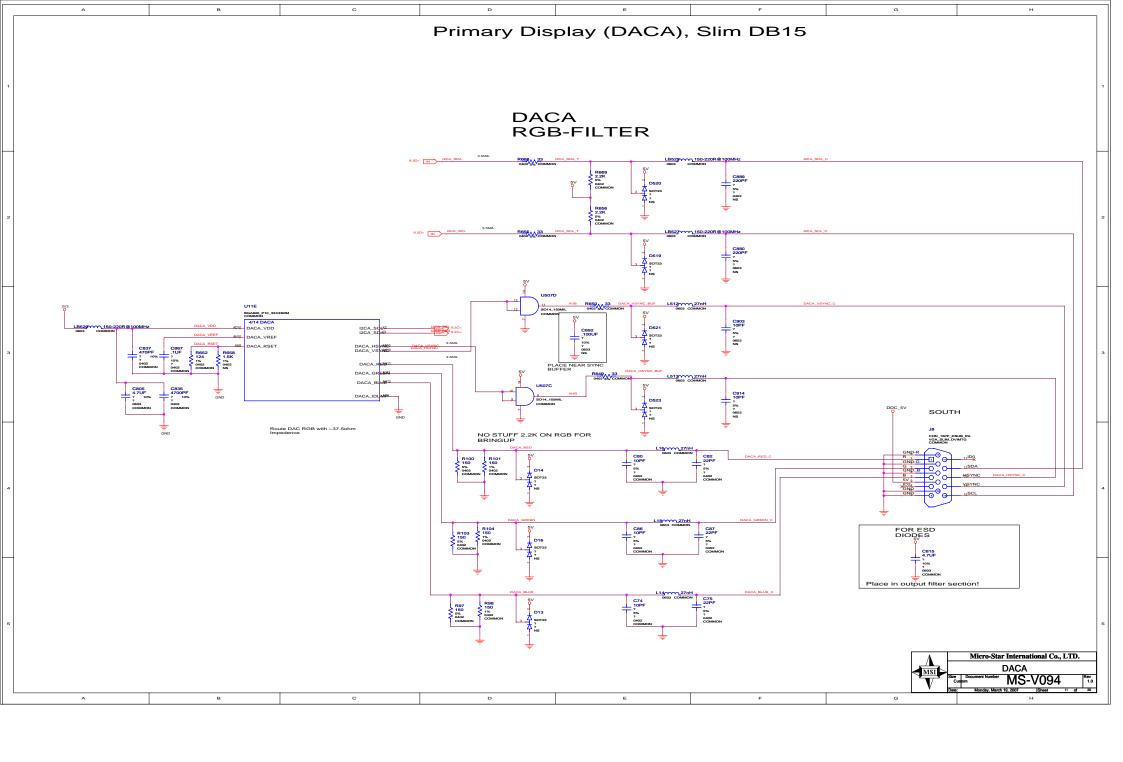


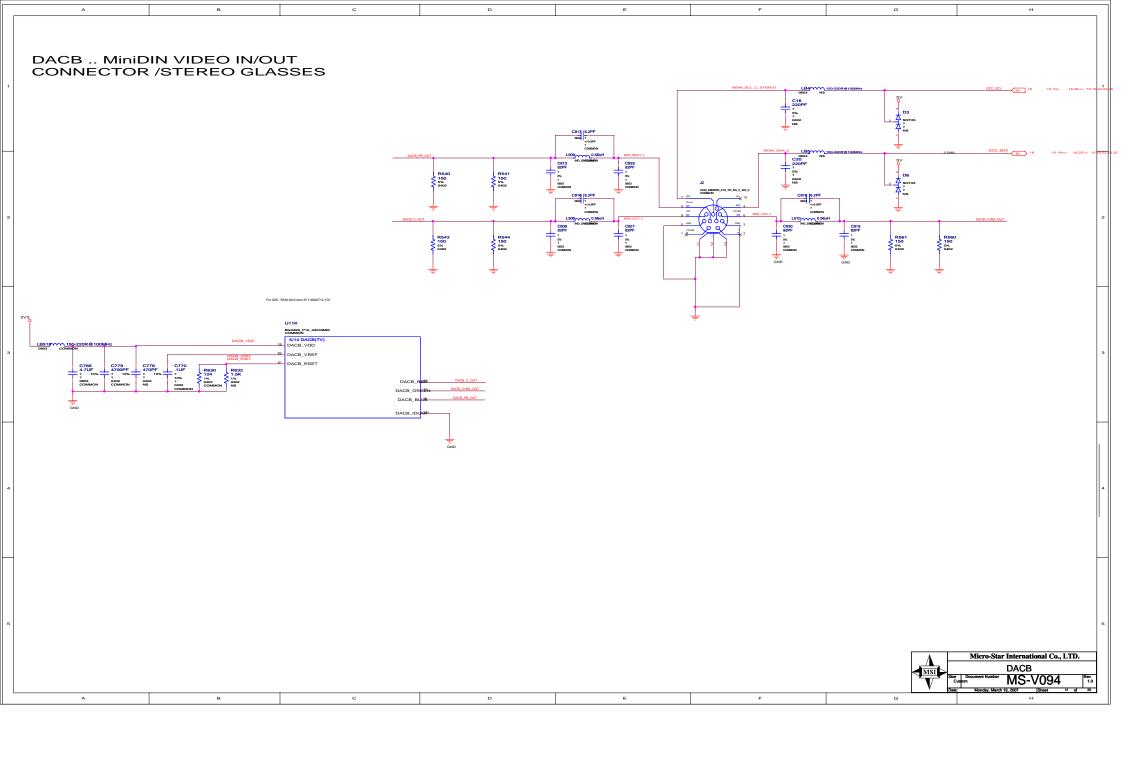


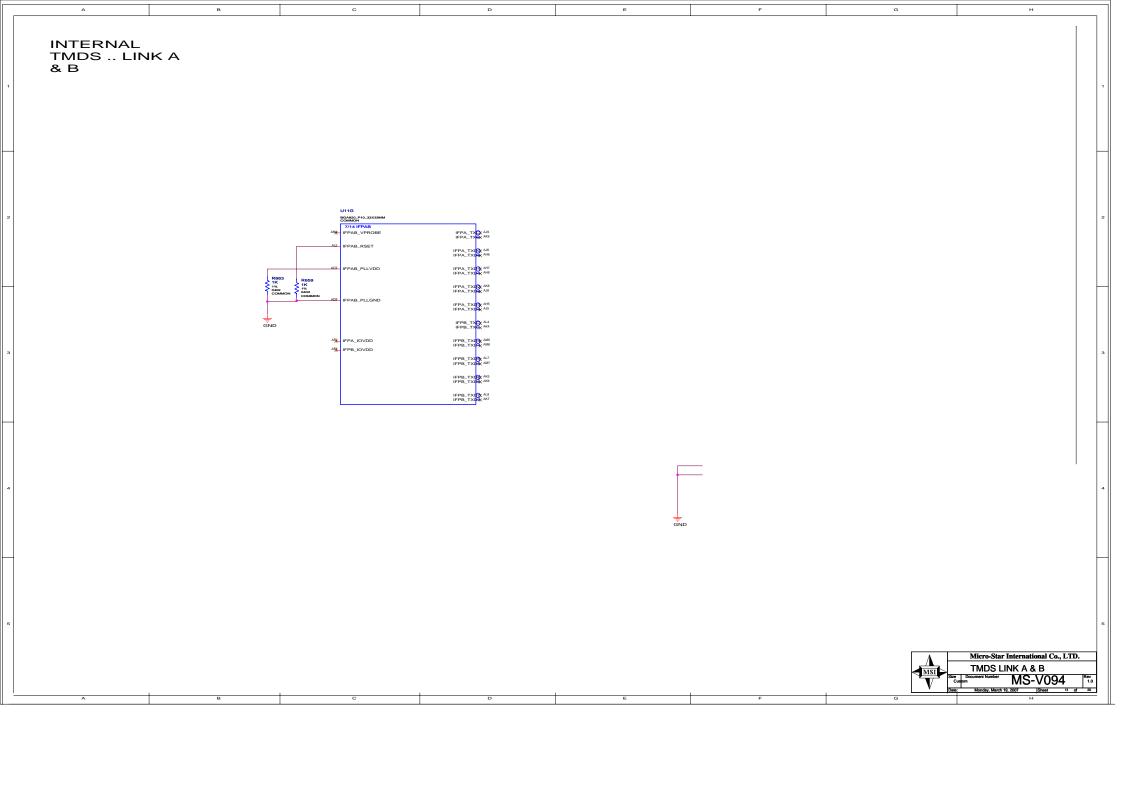


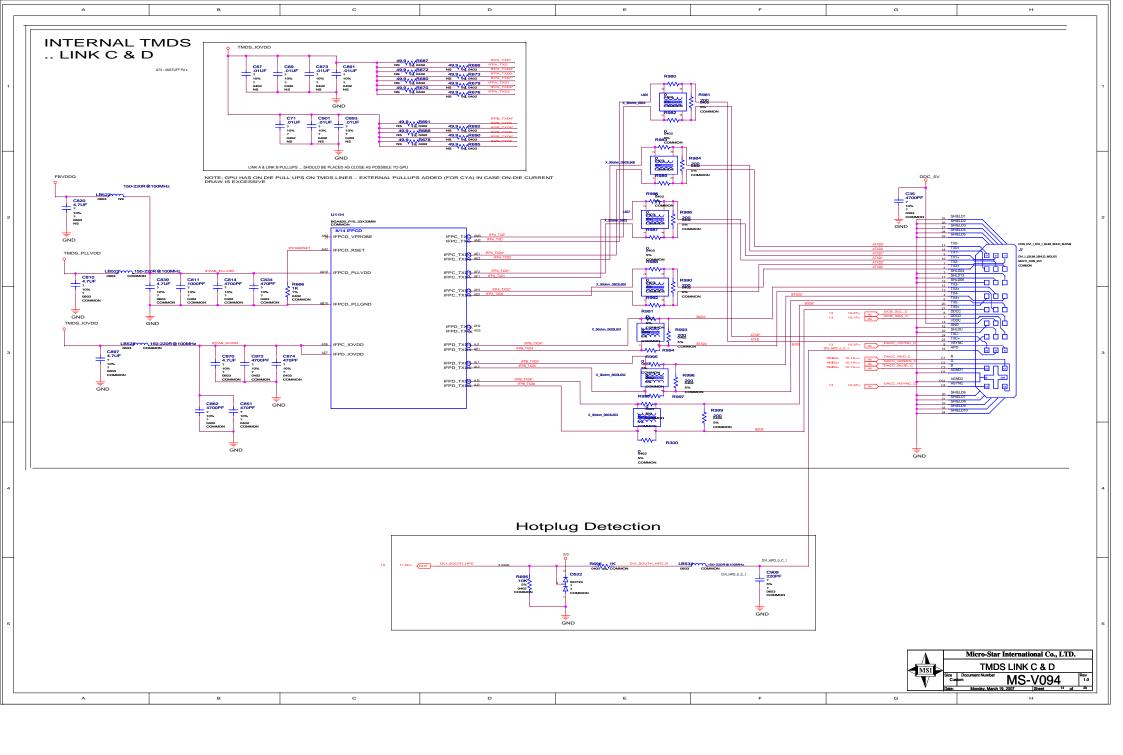


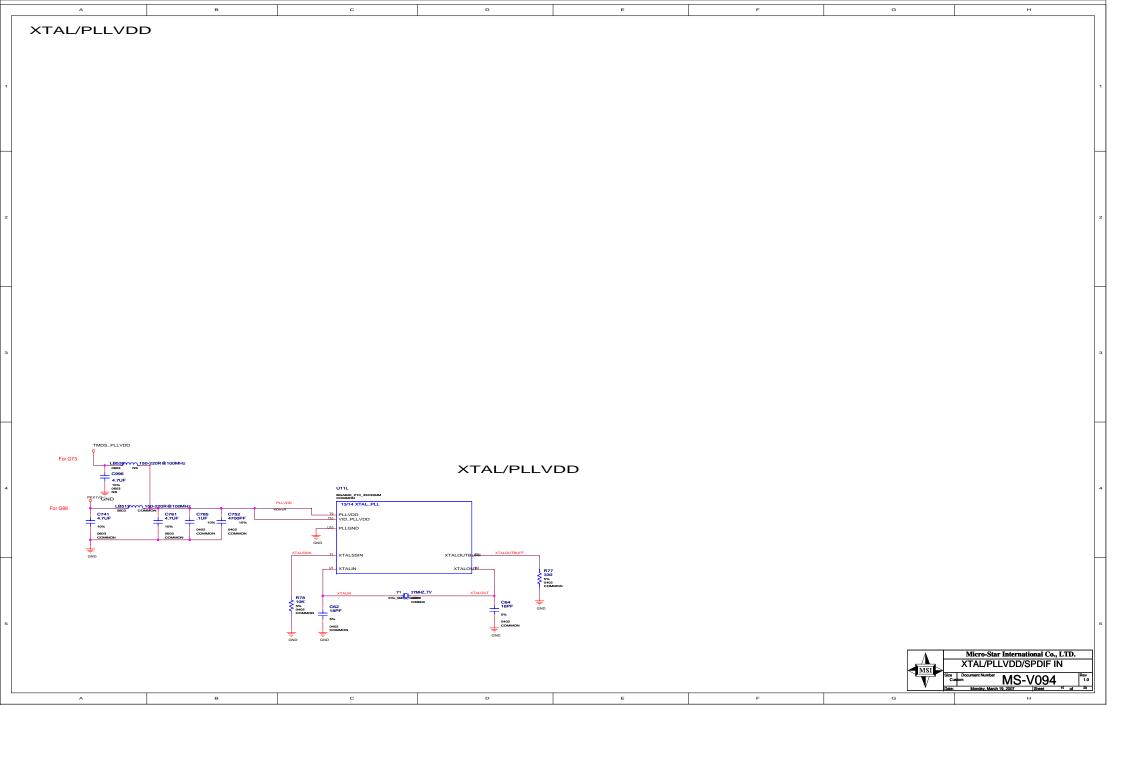


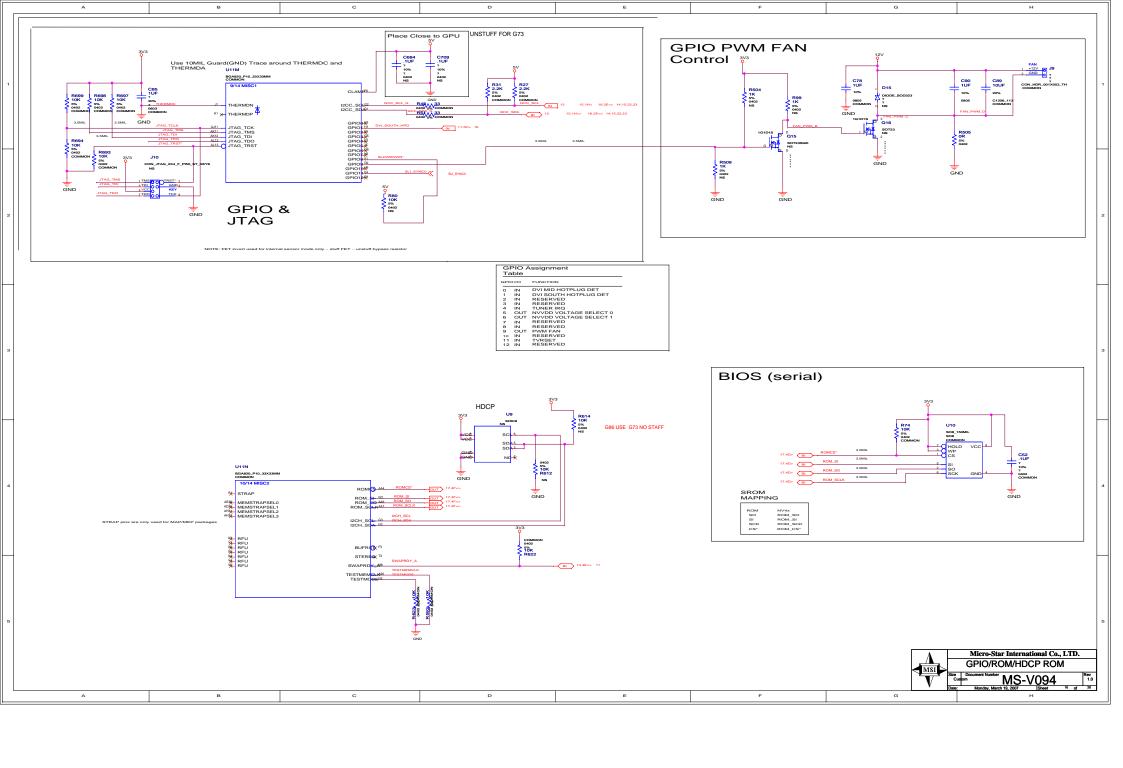


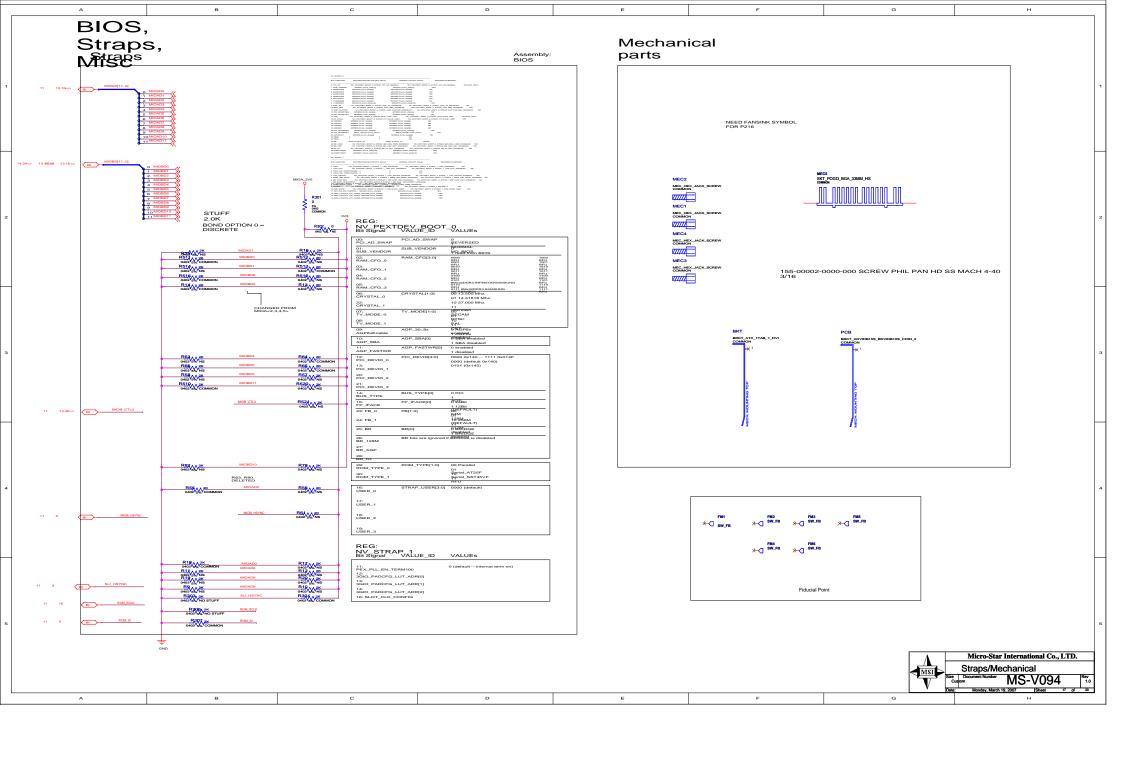


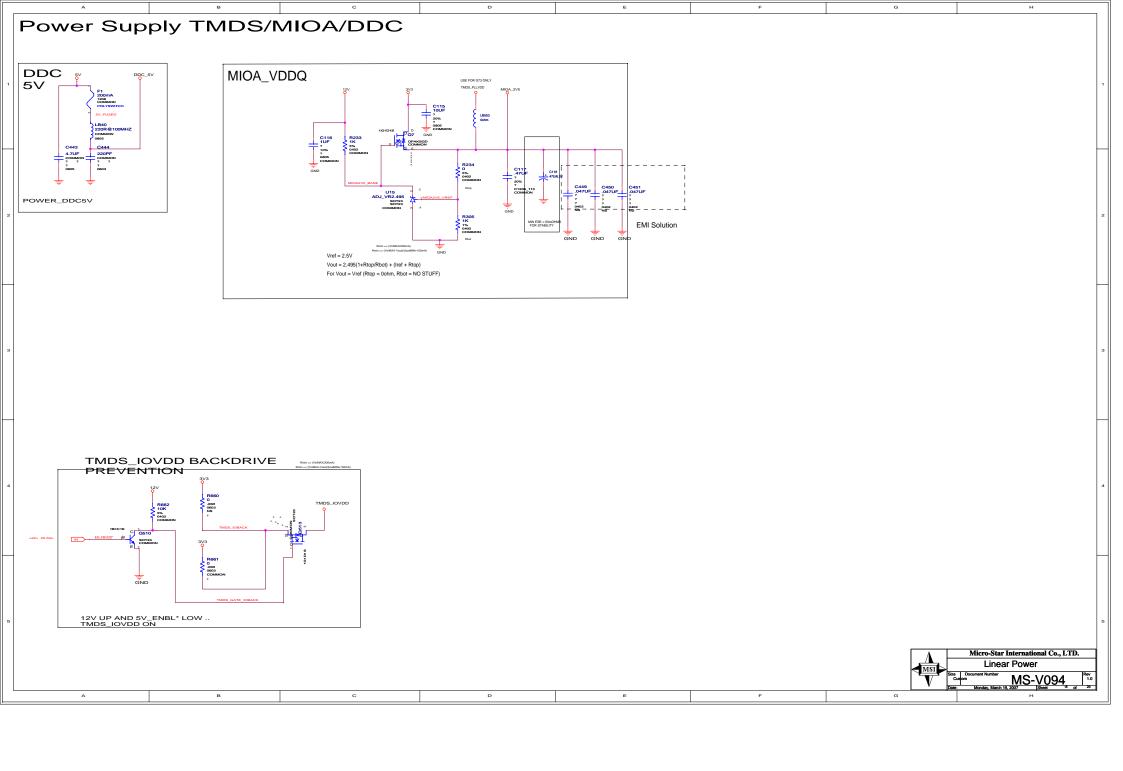












## NVVDD ,FBVDD, 5V,A3V3 POWER SUPPLY

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