8979-00A DESIGN BASE ON P216-A01 DESIGN

PAGE SUMMARY:

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PAGE11.Remove 1'st TMDS & Hotplug

PAGE11.Net name change from 5v_ENBL* to EN_FBVDD*

PAGE13.Remove feature connector

PAGE13.Change input power from MIOA_2V5 to A3V3

PAGE15.Add Scart TV chip CX25874/5

PAGE15.Add Scart TV connector

PAGE16.Remove EXT 12pin PVA connector

PAGE17.Add 0 ohm to OPT GPIO 8 or 7 to control EXTENSE pin

PAGE20.Change all power(NVVDD,FBVDD/Q,A3V3,5V & ADD EXT PWR)

PAGE20.Add External Power Connector

PAGE20.PWR current share for FBVDD

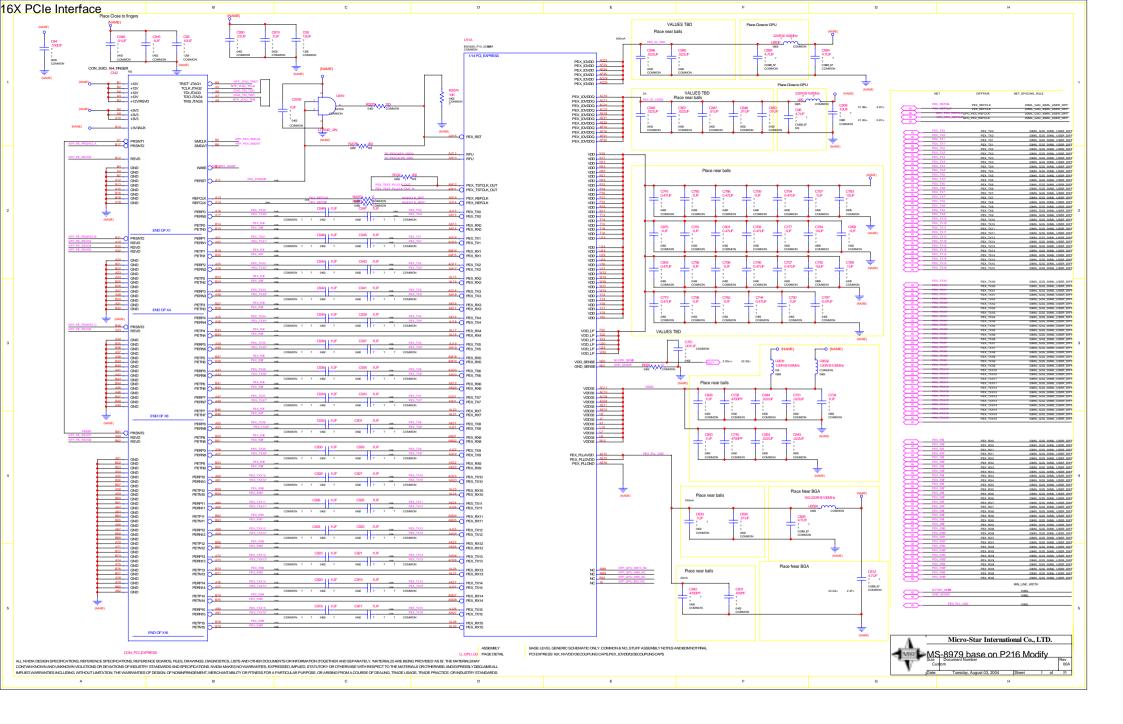
PAGE14.Remove some pin

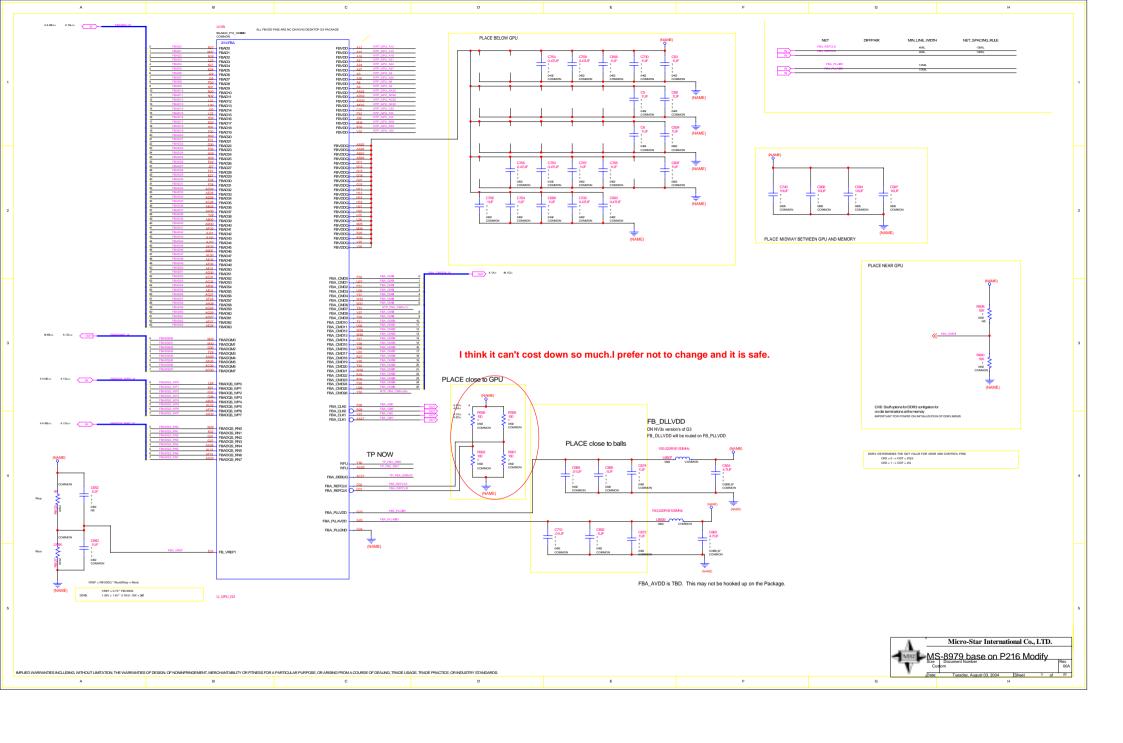
PAGE9.J8 change footprint

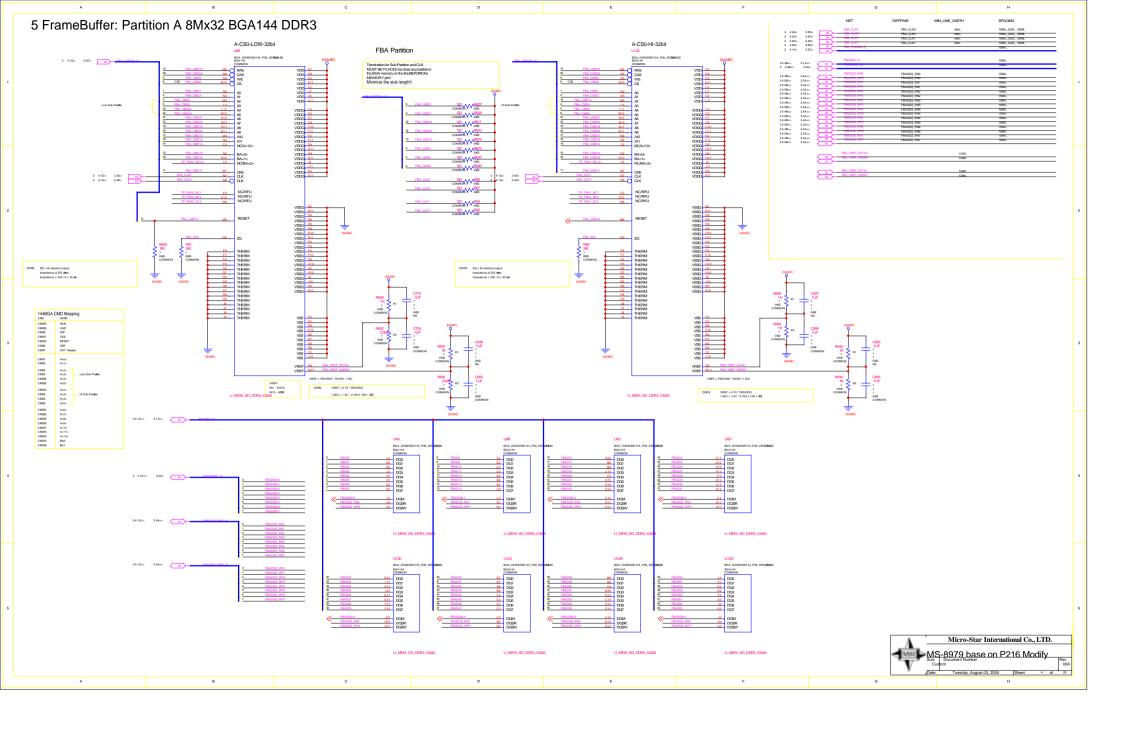
PAGE10.delete J6 location(slim type VGA)

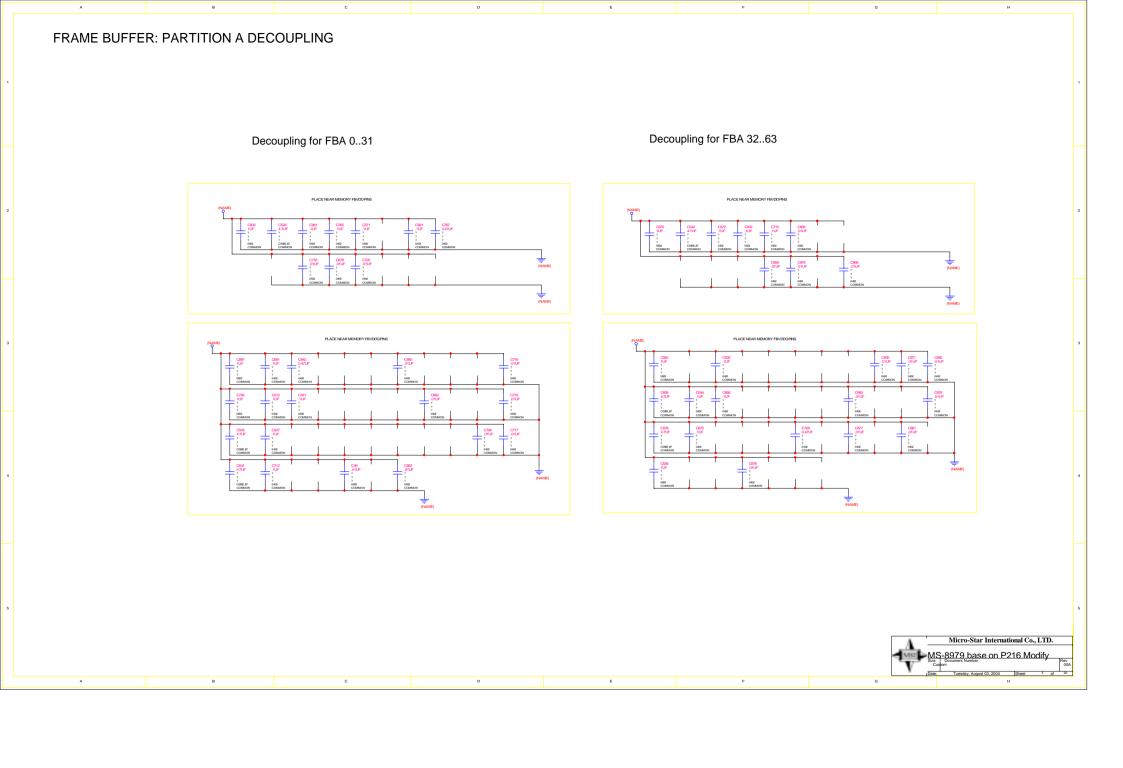
PAGE12.Add Common Choke for EMI

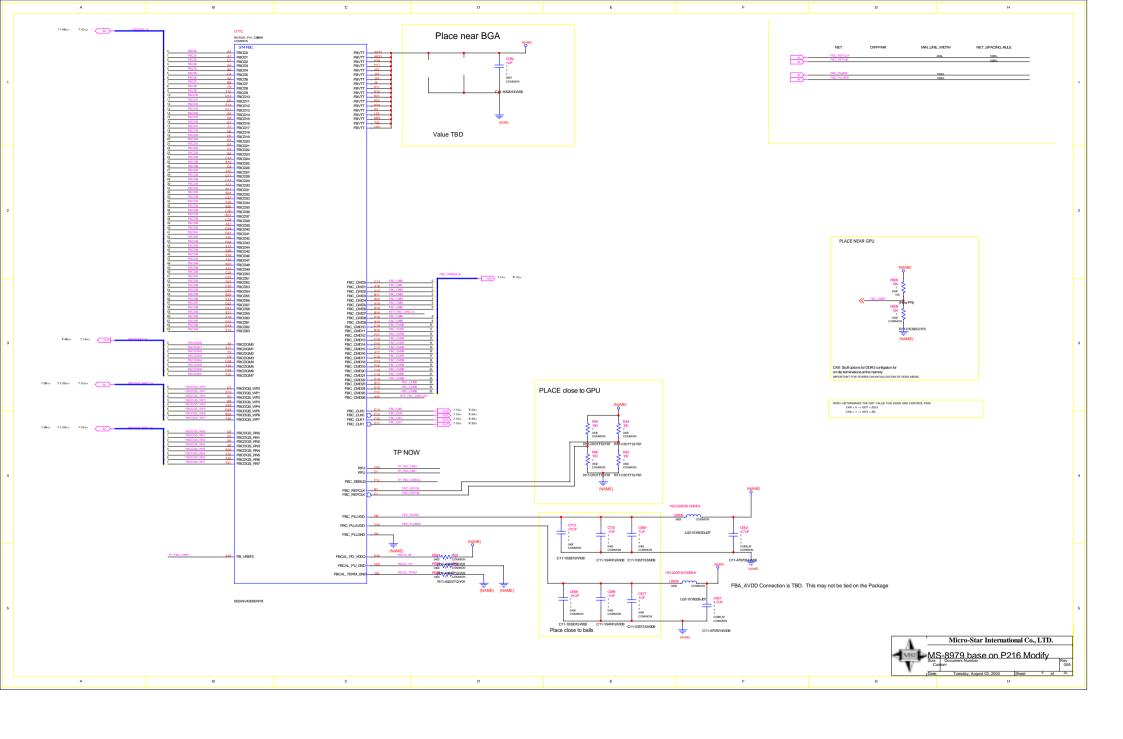


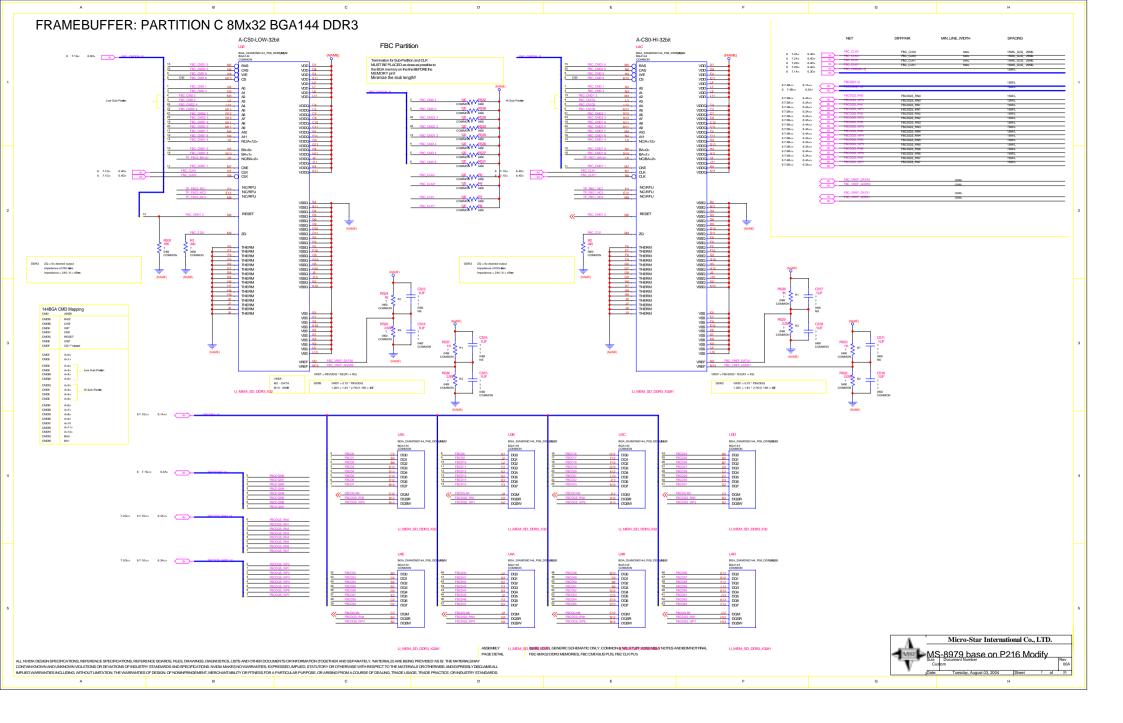


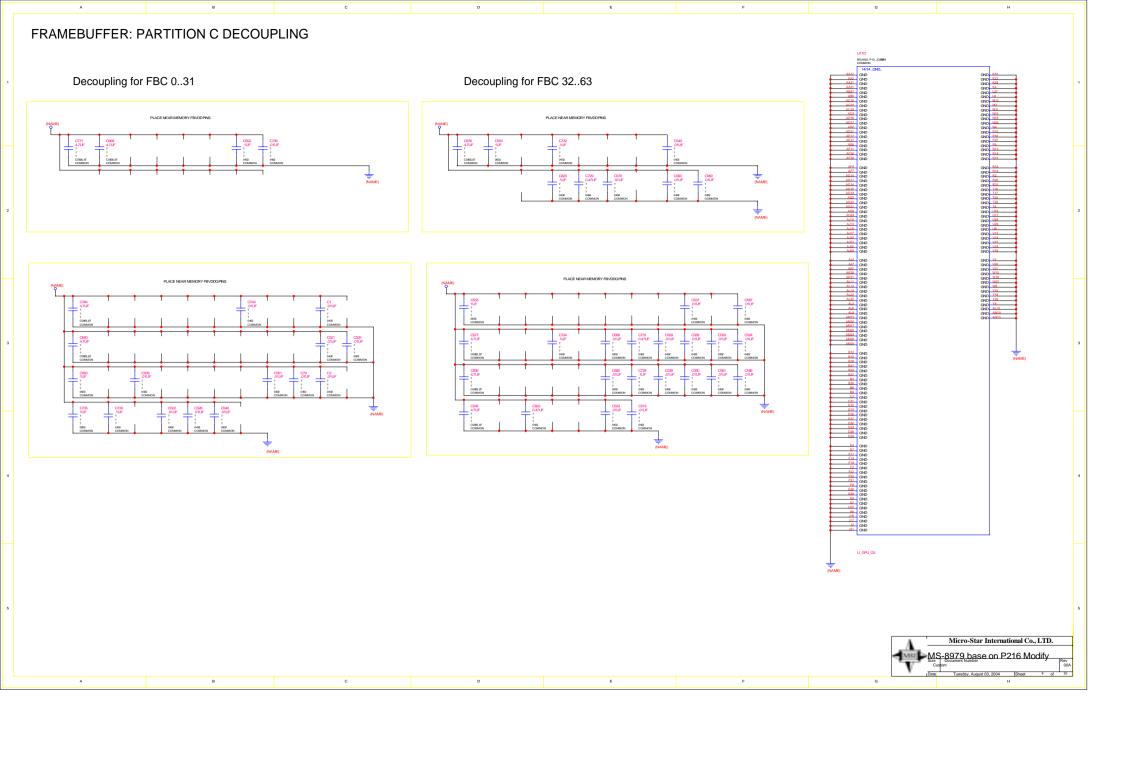


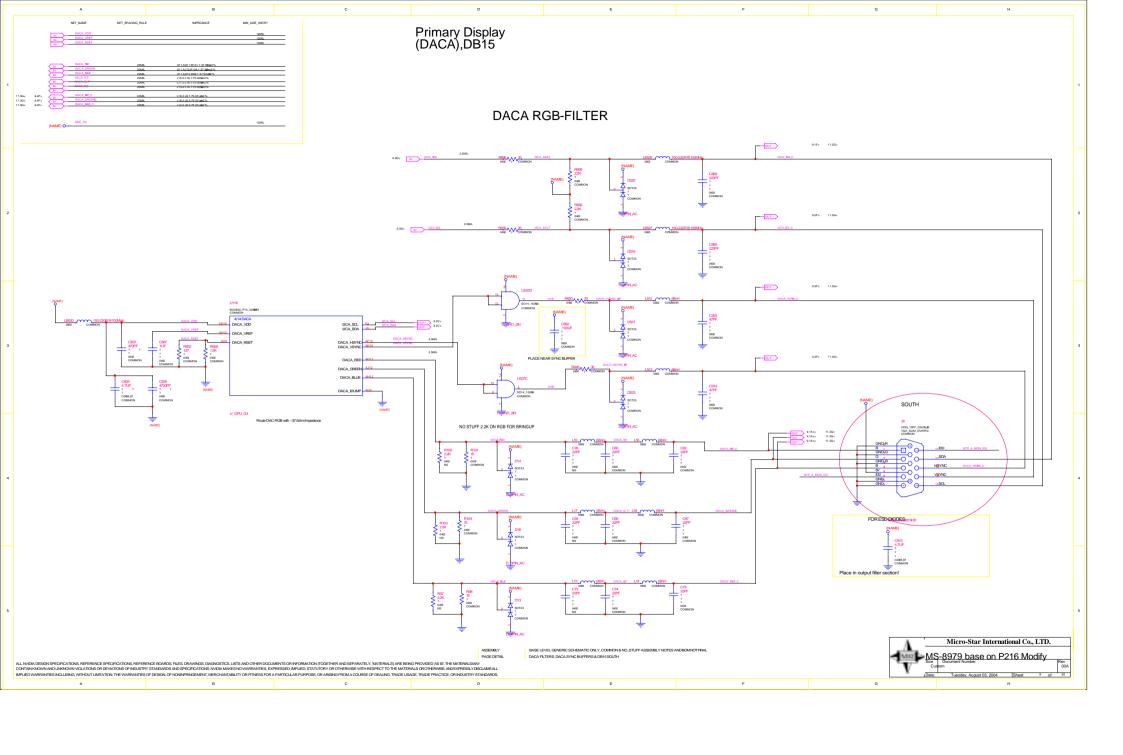


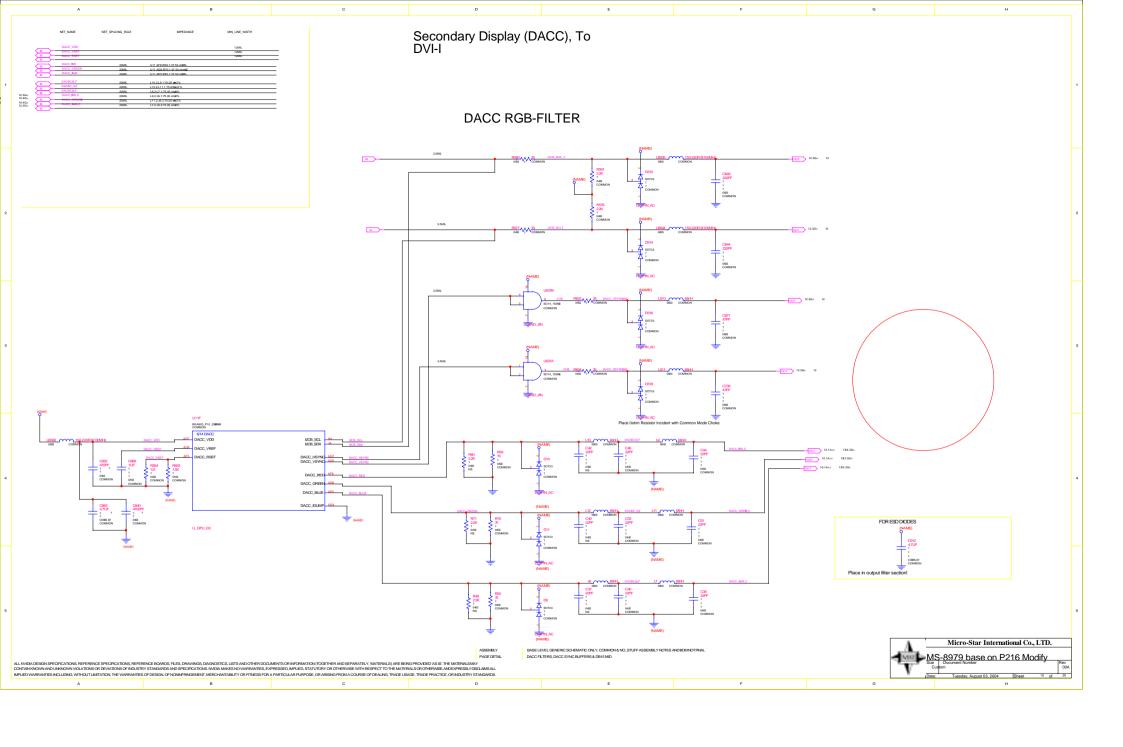


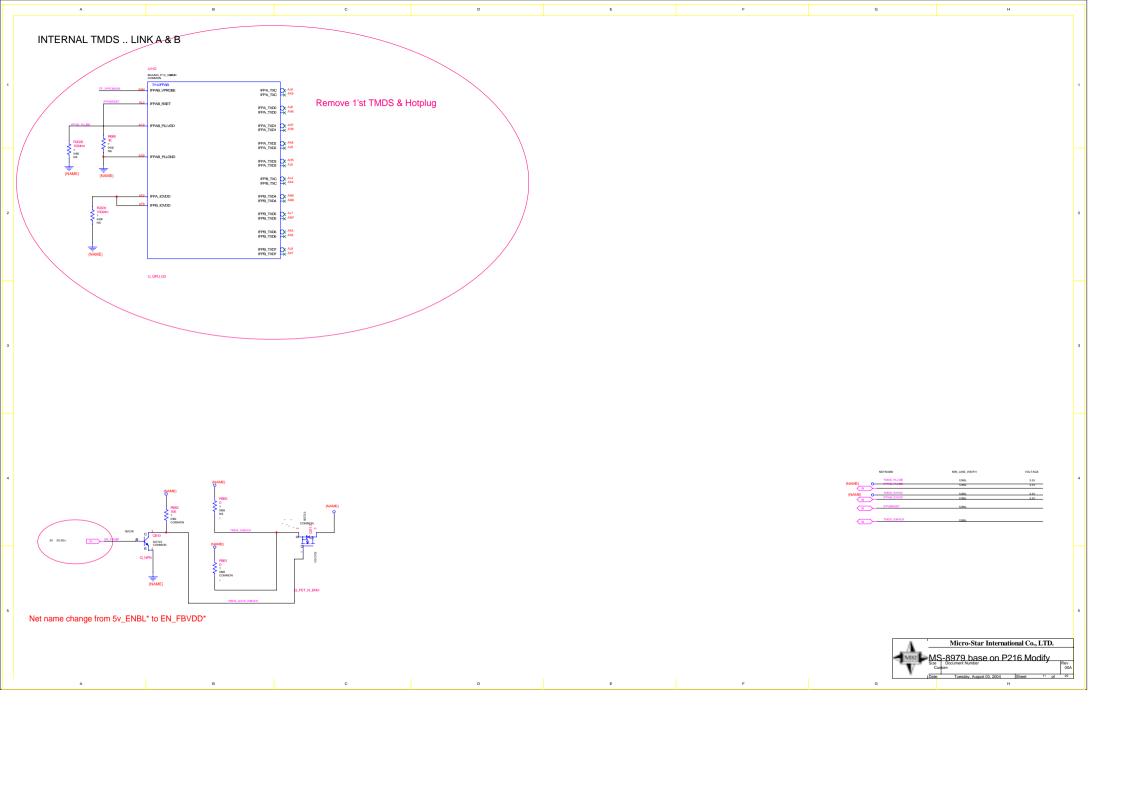


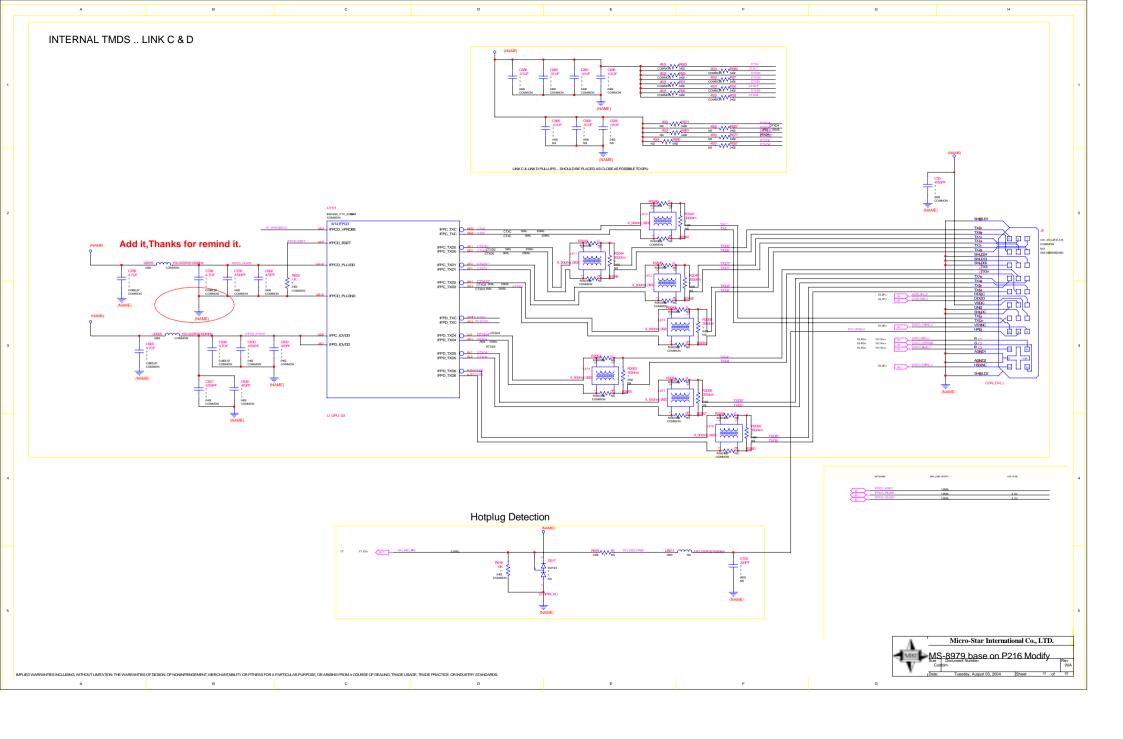


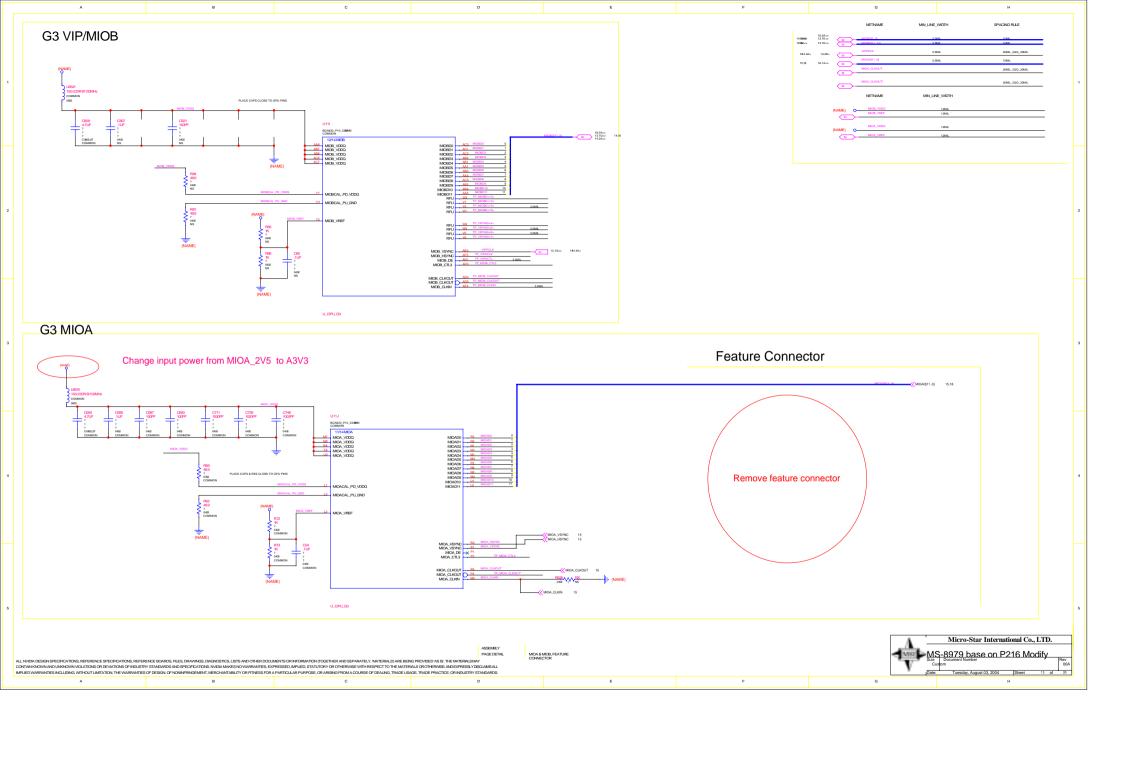


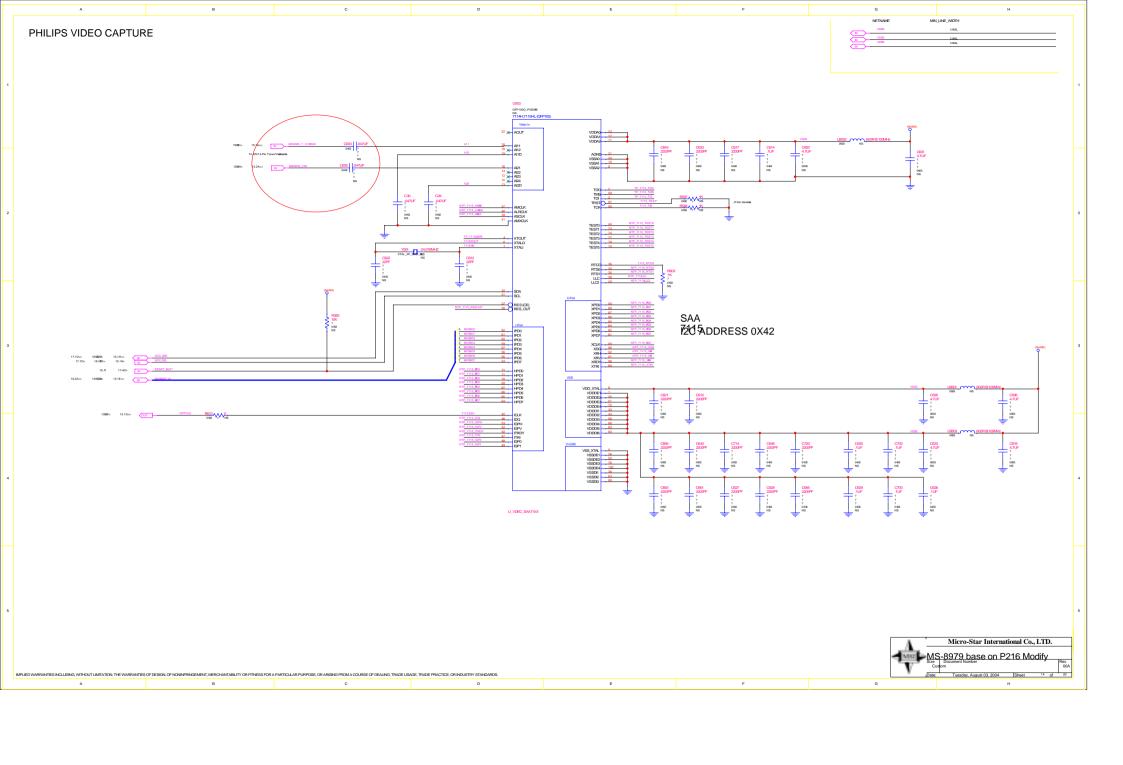


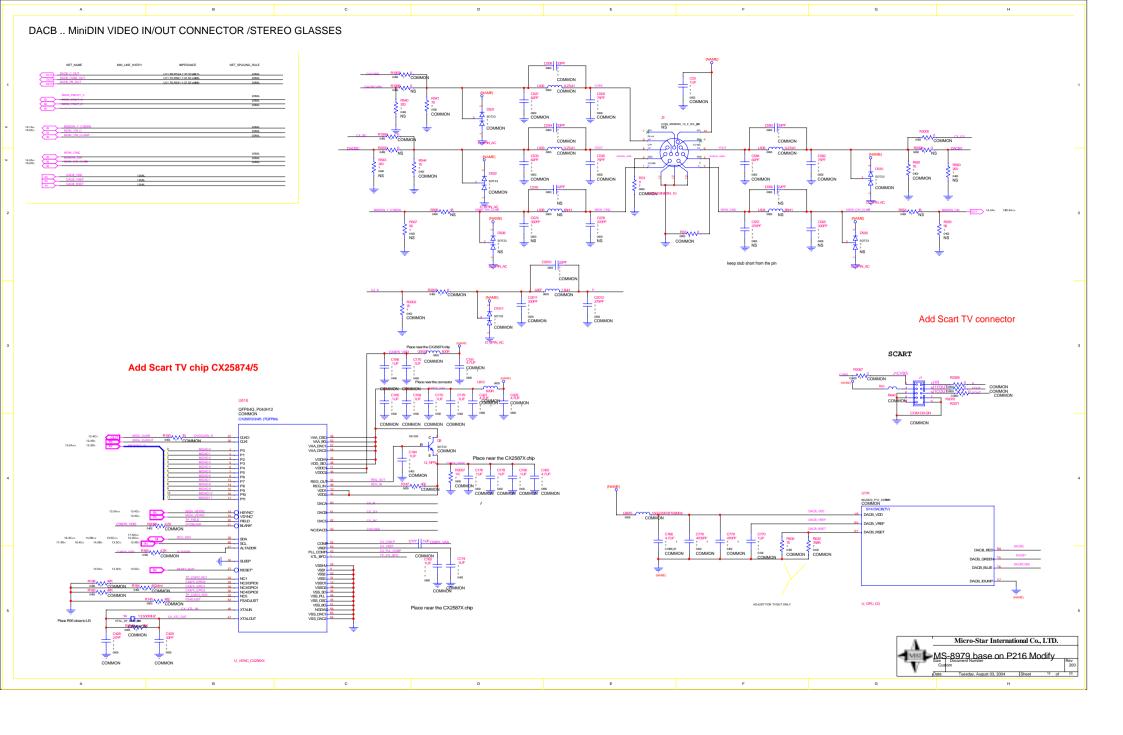


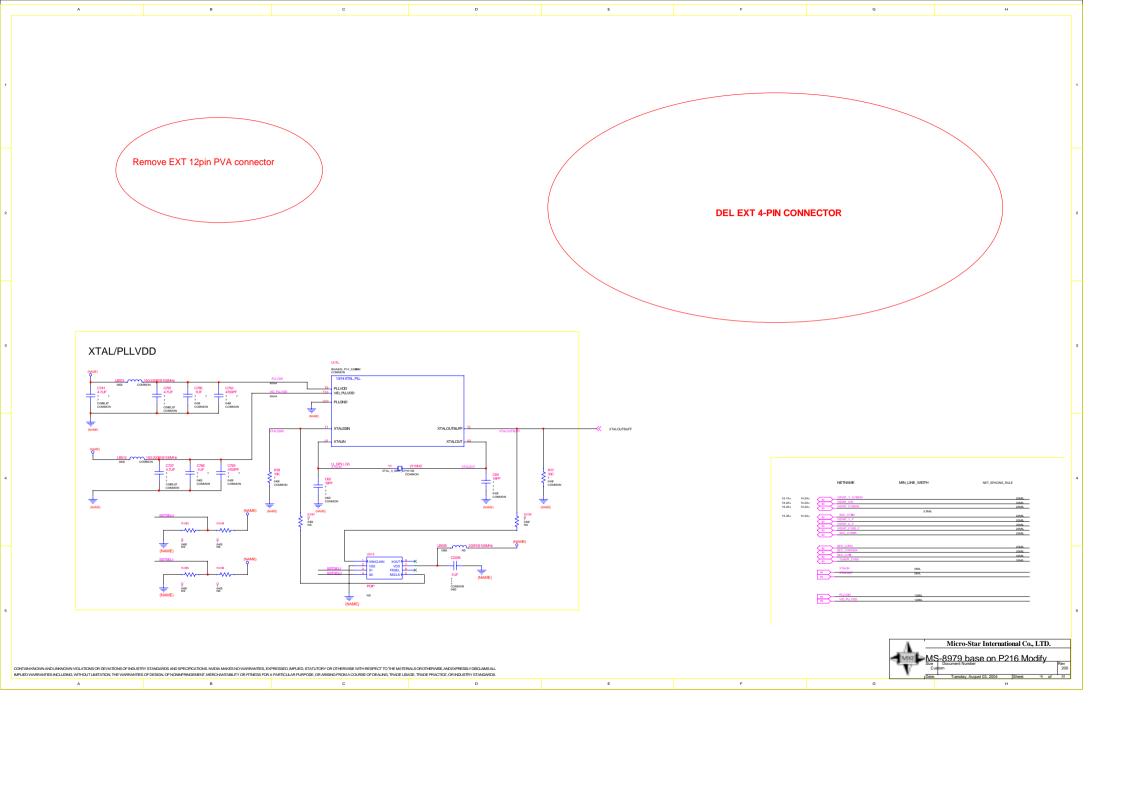


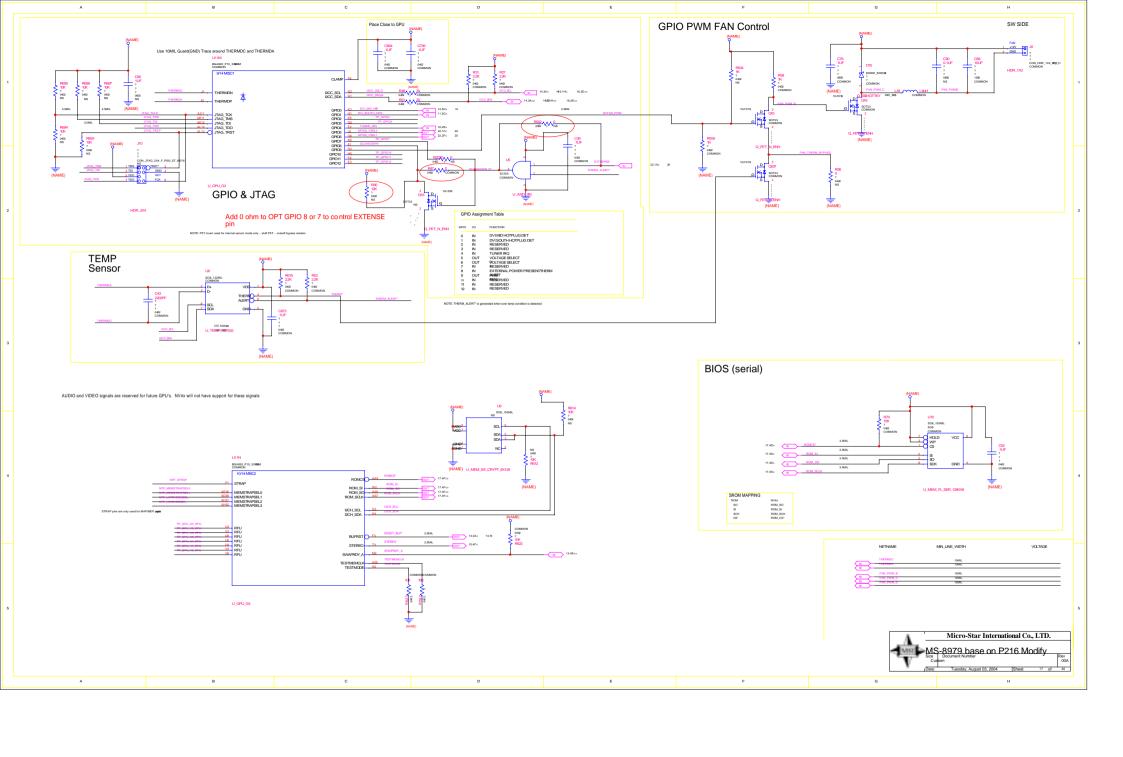


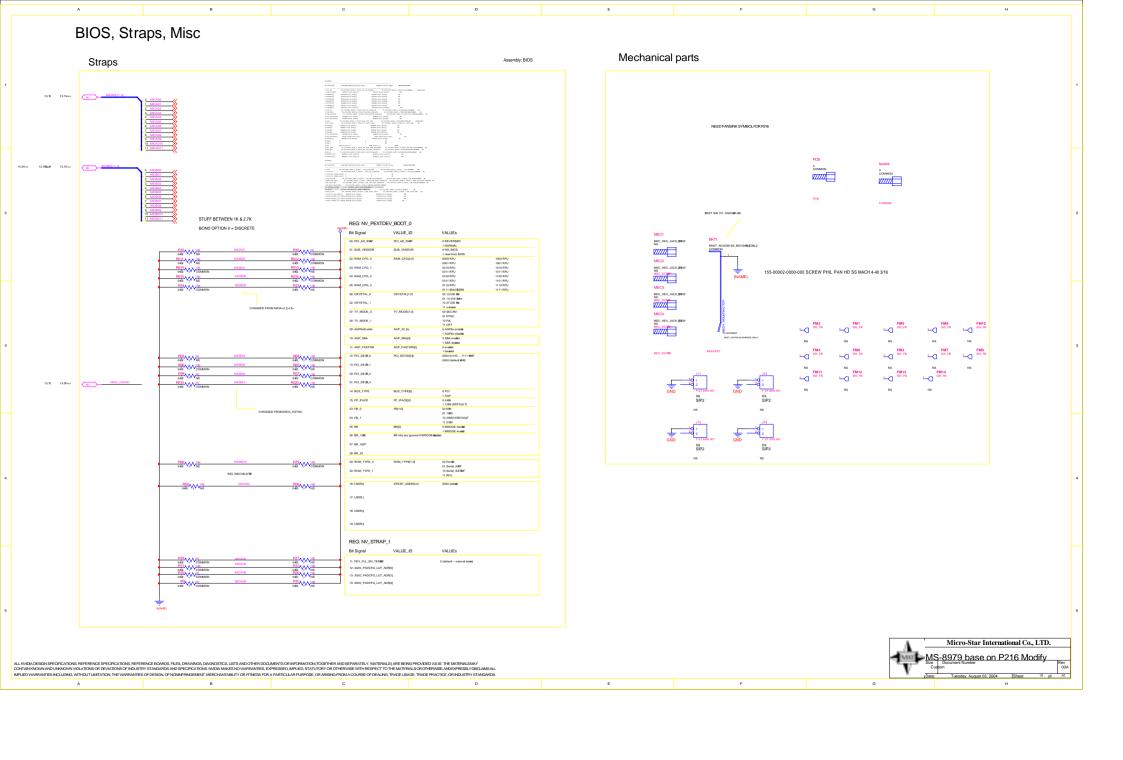




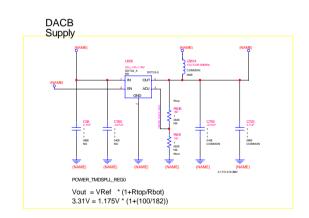












POWER_TMDSPLL_REG0

Vout = VRef * (1+Rtop/Rbot) 3.31V = 1.175V * (1+(100/182))

POWER_DDC5V

