## MS-V089 -- G73GT/G84, 128/256 MB 16x32 DDR3-136pin, DVI-I,SD/HDTV,VIVO,HDMI

## SUMMARY:

## **Rev History**

1. Base on V069-100 to Modify HDMI change to internal support OA

2. BGA-136 DDRIII

3. RT-8805 Two Phase PWM for NVVDD

4. MS-11 for FBVDD

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Page 3 Enable G23pin H\_PLLVDD 1V2 for G84 only

Page 11 reserve G84 SLI circuit

Page 12,13,14 reserve DAC\_Vref power for G84 DACA,B,C

Page 16 reserve 1V8 for G84 IFPAB\_PLLVDD

Page 17 reserve 1V8 for G84 IFPCD PLLVDD

Page 18 reserve 1V2 for G84 PLLVDD and VID\_PLLVDD

Page 20 reserve MIOB\_CTL3 new strap for G84 PCI\_DEVID\_4

Page 20 reserve ROM\_SI pull-down resister required if MIOA VDDQ=2.5V for G84

Page 21add 1V8 power for G84

Page 22,23 Reserve MS-V1co-lay circuit

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Page 3 H\_PLLVDD 1V2 use 0ohm connect to PEX1V2

Page 3 Reserve G84 Dual Rank(Stacked Die) circuit FBA CMD7----CS1 FBA CMD27---BA2

Page 7 Reserve G84 Dual Rank(Stacked Die) circuit FBC CMD7----CS1 FBC CMD27----BA2

Page 7 Reserve I2CS citcuit for G84

Page 6,10 Enable FBAA2 and FBCC2 BA2 Pin this is for Stacked Die Function

Page 13 Modify RGB circuit

Page 15 Modify SAA7115 RESET circuit

Page 18 Modify Spidf circuit

Page 21 Modify Linear Power circuit

Page 22 NVVDD PWM Change to RT-8805 Two Phase

Page 22,23 Remove MS-V1co-lay circuit













































