MS-V089 -- G73GT/G84, 128/256 Mb 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 Page 3 Enable G23pin H_PLLVDD 1V2 for G84 only 3. Dual MS-11 for NVVDD and FBVDD Page 11 reserve G84 SLI circuit 4.MS-V1 implement (Hardware Monitor +GPIO+DPTOUT) Page 12,13,14 reserve DAC_Vref power for G84 DACA,B,C Table of Contents: Page 16 reserve 1V8 for G84 IFPAB_PLLVDD Page 1: TITLE Page 17 reserve 1V8 for G84 IFPCD_PLLVDD Page 2: PCIe INTERFACE Page 18 reserve 1V2 for G84 PLLVDD and VID_PLLVDD Page 3: FBA INTERFACE Page 20 reserve MIOB_CTL3 new strap for G84 PCI_DEVID_4 Page 4: FB A1 Page 20 reserve ROM_SI pull-down resister required if MIOA VDDQ=2.5V for G84 Page 5: FBA DECOUPLING Page 21add 1V8 power for G84 Page 6: FB A2 Page 7: FBC INTERFACE Page 22,23 Reserve MS-V1co-lay circuit Page 8: FB C1 Page 9: FBC DECOUPLING Page 10: FB C2 Page 11: MIOA/MIOB Page 12: DACC Page 13: DACA Page 14: DACB Page 15: VIDEO CAPTURE Page 16: TMDS LINK A & B Page 17: TMDS LINK C & D Page 18: 4-Pin Video-In/SPDIF IN Page 19: GPIO/ROM/HDCP ROM Page 20: Straps/Mechanical Page 21: Linear Power Page 22: NVVDD with MS-11 MS-V1 Page 23: FBVDD with MS-11 MS-V1 Micro-Star International Co., LTD. SUMMARY MS-V089











































