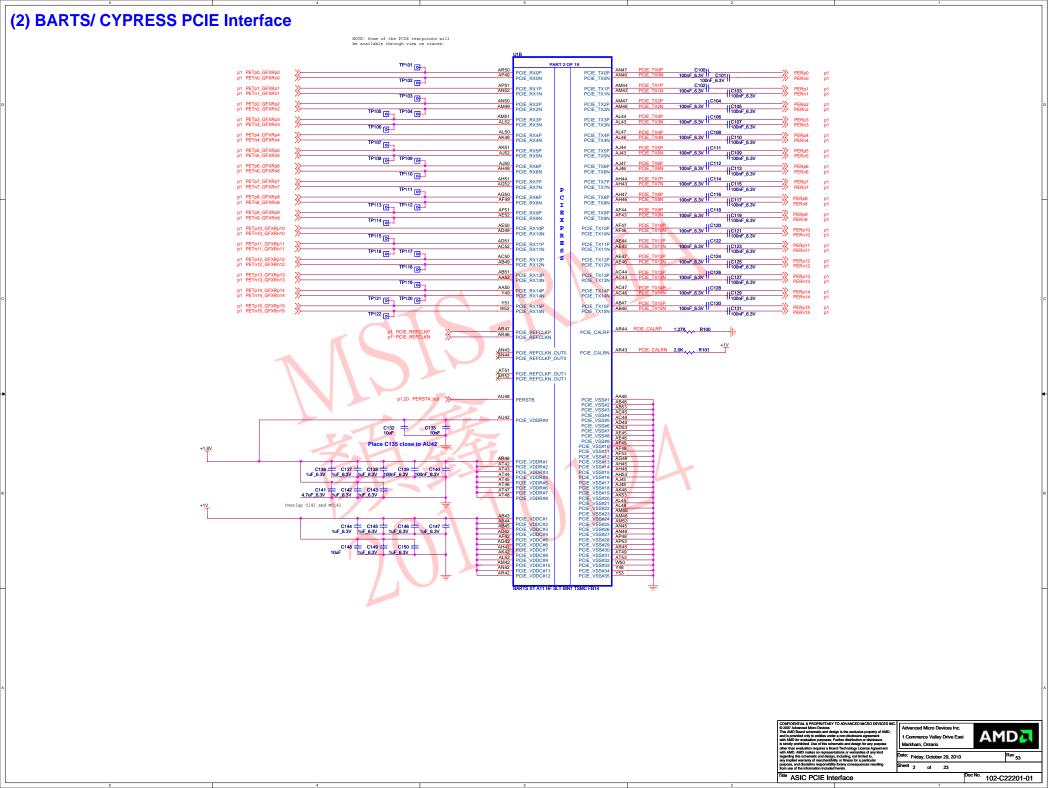
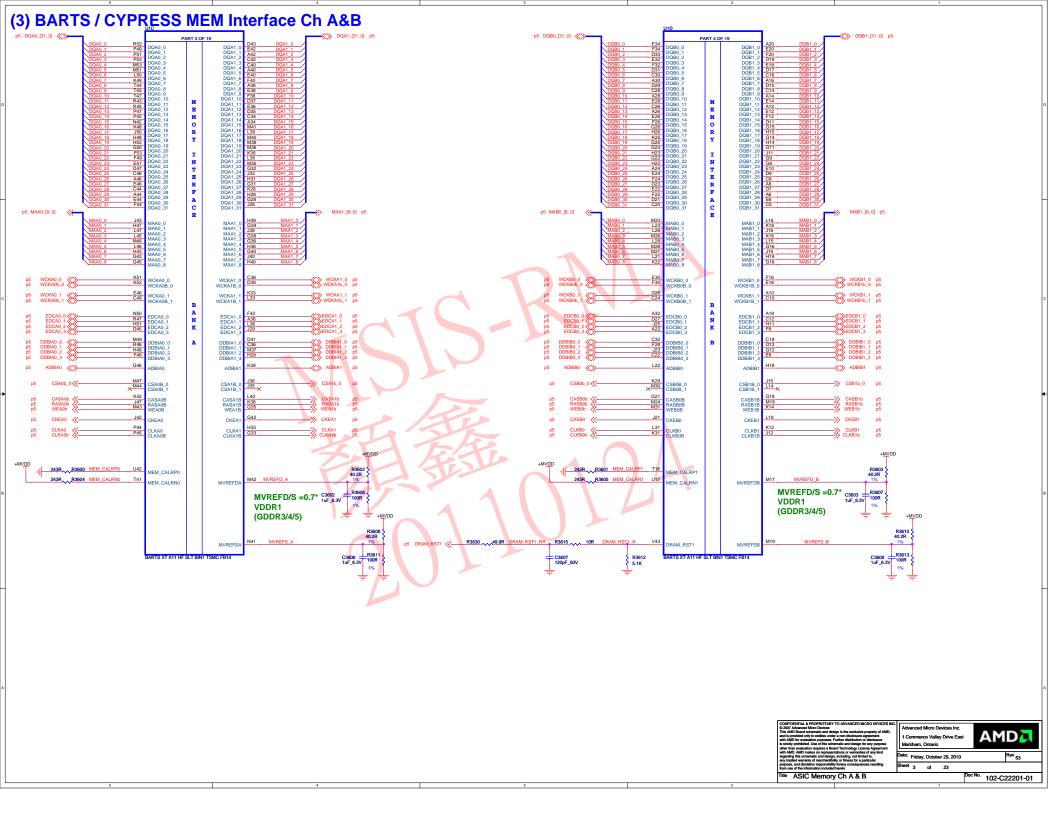
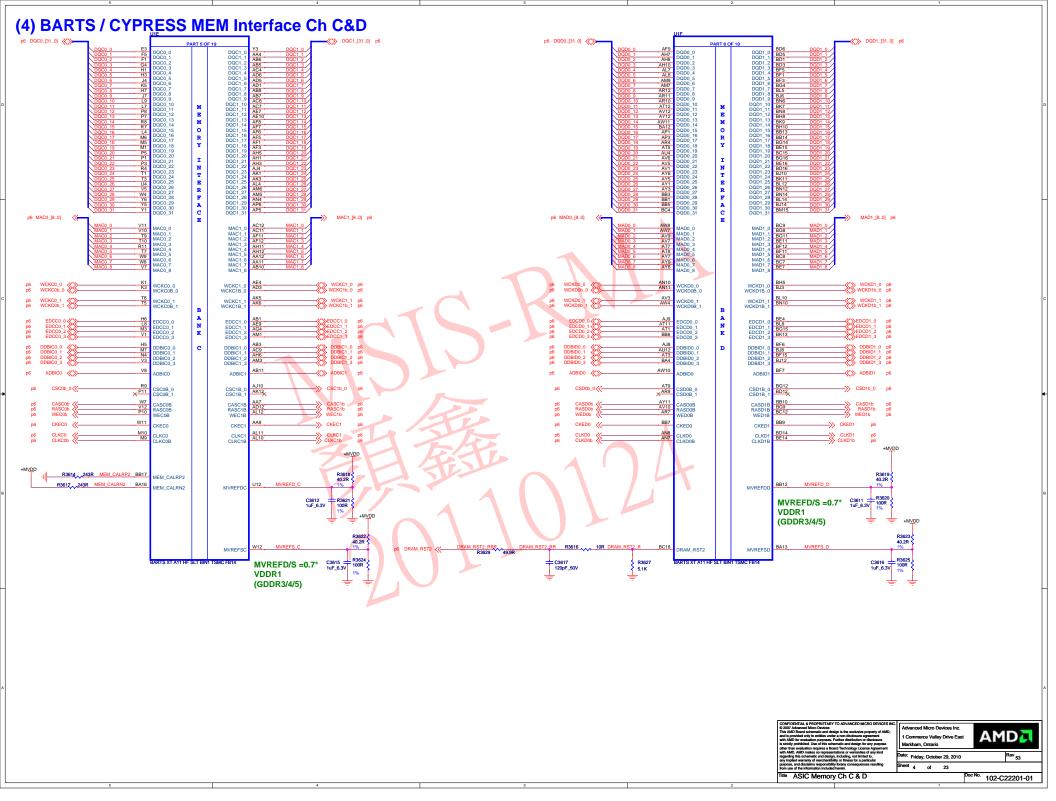
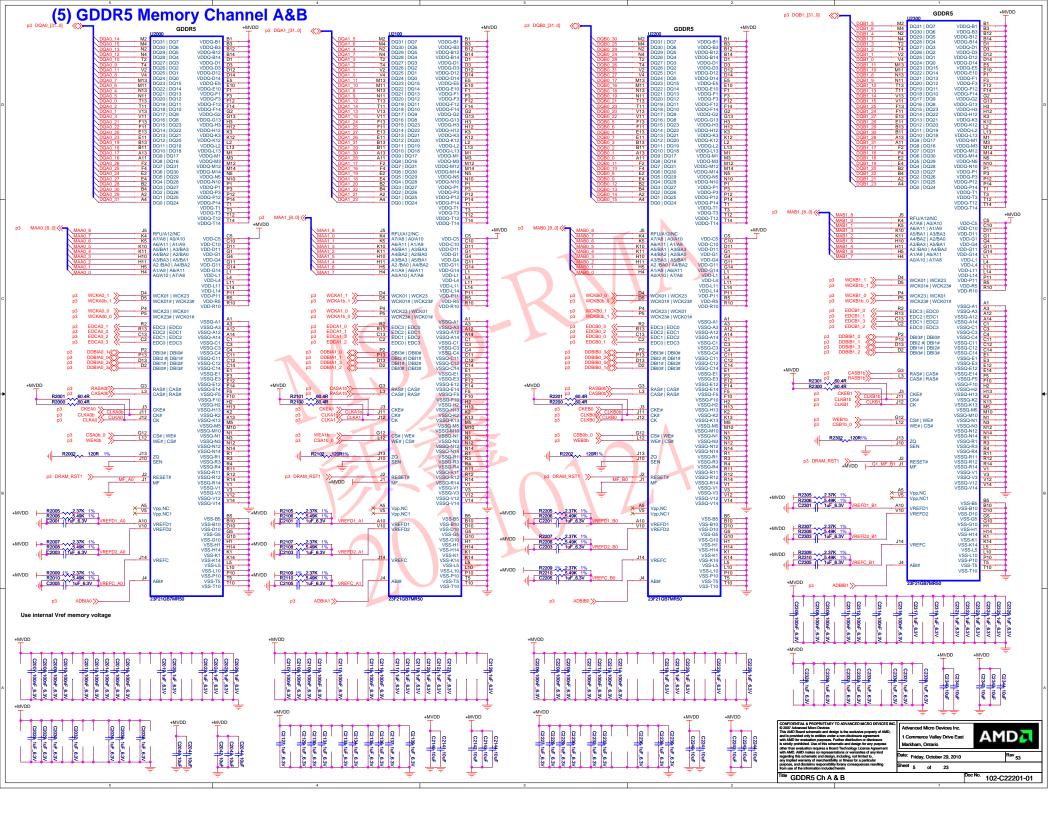
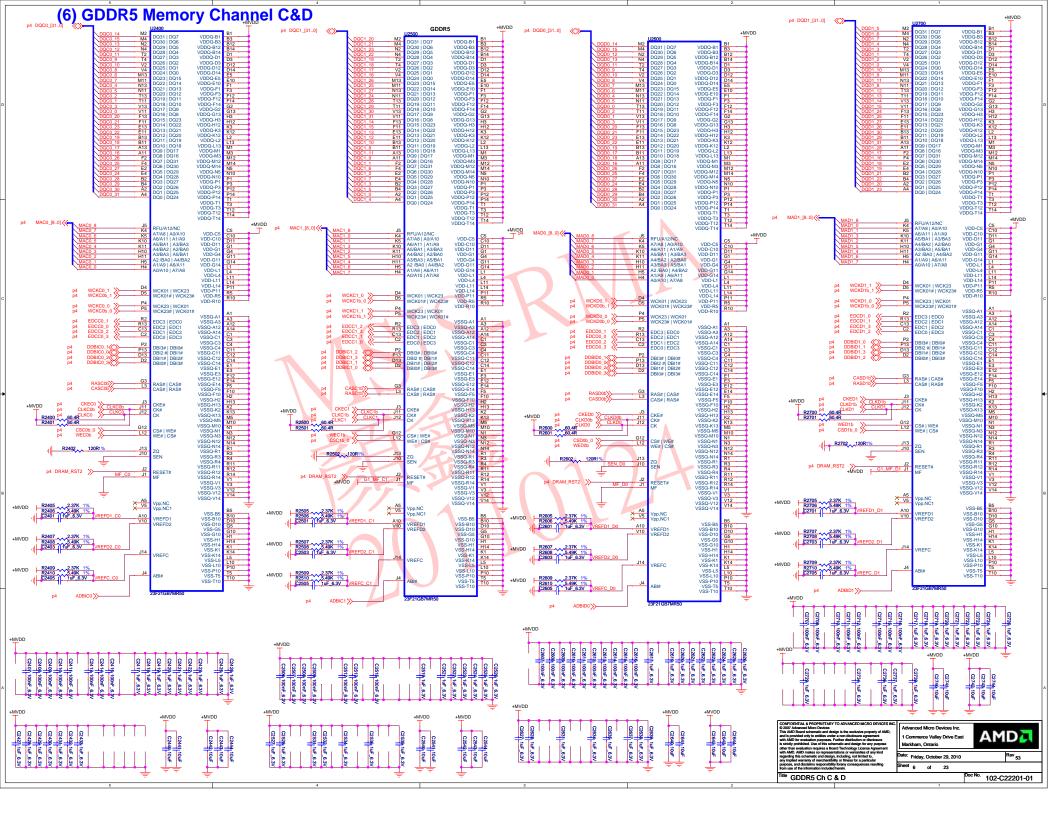
## **PCI-EXPRESS EDGE CONNECTOR** Place these caps as close to the PCIE +12V\_BUS +12V\_BUS +3.3V\_BUS +3.3V\_BUS PCIe RESET Buffered +3.3V\_BUS +3.3V BUS x16 PCle +3.3V\_BUS +3.3V\_BUS +12V BUS p7 GPIO\_4\_SMBCLK p7 GPIO\_3\_SMBDATA System JTAG TDI and TDO are hard wired. see p. 21 for GPU JTAG connection CAP CER 10UF 20% 16V X6S X B9 X B10 X B11 p19 1V\_LDO\_POK > R103 OR +3.3V\_BUS +12V\_BUS RSVDIBI12 GNDIBI33 GNDIBI33 PETPO GNDIBI39 PETPO GNDIBI39 PETPO GNDIBI39 PETPO GNDIBI39 PETPO GNDIBI39 PETPO GNDIBI39 PETPO PETPO GNDIBI30 GND#A1: REFCLK-REFCLK-GND#A1: PERPIPERIO GND#A1: GND#A2: GND#A2: GND#A2: GND#A2: GND#A2: GND#A2: GND#A2: PERPIPERIO GND#A2: PERPIPERIO PERPIPERIO GND#A3: PERPIPERIO GND#A3: PERPIPERIO GND#A3: PERPIPERIO GND#A3: PERPIPERIO Place R104 in U100 p2 PETp1\_GFXRp1 p2 PETn1\_GFXRn1 +3.3V\_BUS CAP CER 10UF 10% 6.3V X6S (0805)1.4MM MAX THICK C153 p19 1V\_LDO\_POK >>-+3.3V\_BUS C155 = 1uF\_6.3V PERN GND#A4 PERP PERN GND#A4 GND#A4 PERP PERN GND#A4 RSVD#A5 GND#A5 p2 PETp8\_GFXRp8 p2 PETn8\_GFXRn8 GND#B52 GND#B53 PETp9 PETn9 GND#B56 GND#B57 PETp10 PETn10 GND#B61 PETp11 PETp11 PETp11 PETp11 GND#B64 GND#B65 PETp12 PETp12 GND#B68 GND#B68 PETp12 PETp12 PETp12 PETp12 PETp12 PETp112 GND#B68 PETp13 GND#A5 GND#A5 PERP PERP GND#A5 GND#A5 GND#A6 p2 PETp11\_GFXRp11 p2 PETn11\_GFXRn11 PERST#\_buf R109 OR PERST#\_gated R109 to be installed for Barts MU101 to be installed for Cypress p2 PETp13\_GFXRp13 p2 PETp13\_GFXRp13 GND#B73 PETp14 PETn14 p2,20 PERST#\_buf < PERST#\_buf p2 PETp15\_GFXRp15 p2 PETn15\_GFXRn15 ℀ PCIe stitching caps: To be placed close to the PCIe diff pair routed on Layer 6 at the PCIe slot SYMBOL LEGEND ANALOG GROUND BUO BRING UP ONLY AMD larkham Ontario Friday, October 29, 2010 PCIE EDGE CONNECTOR No. 102-C22201-01

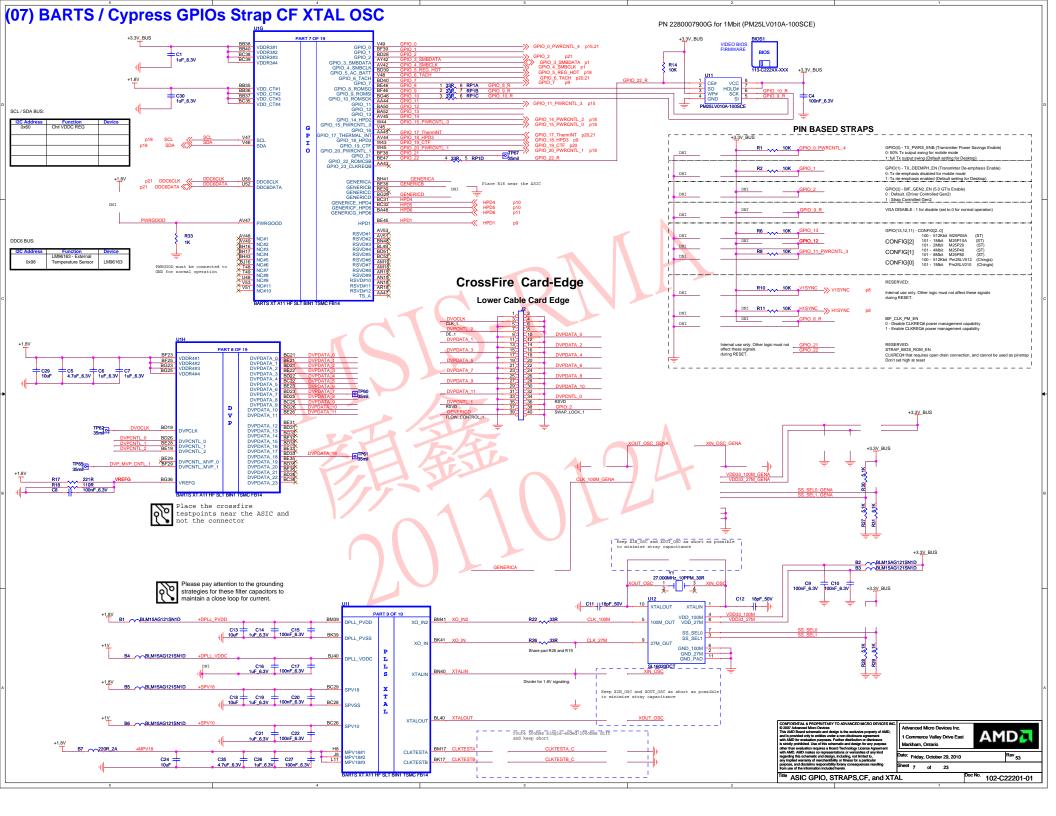


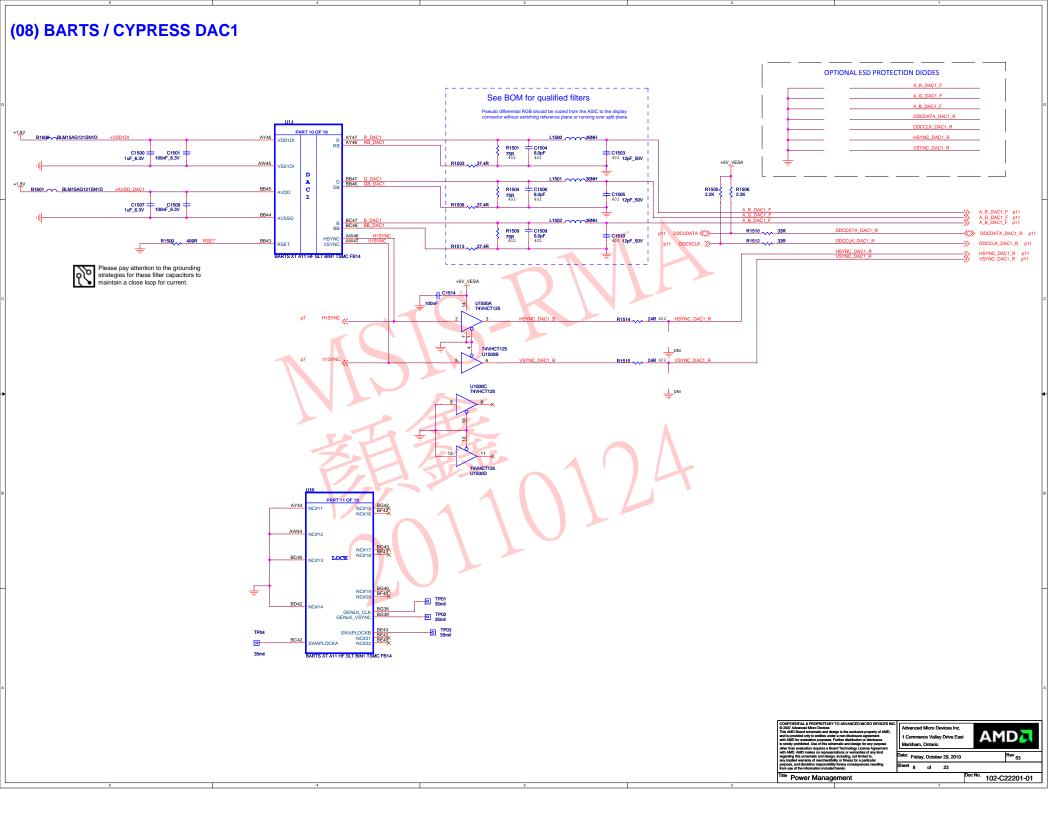


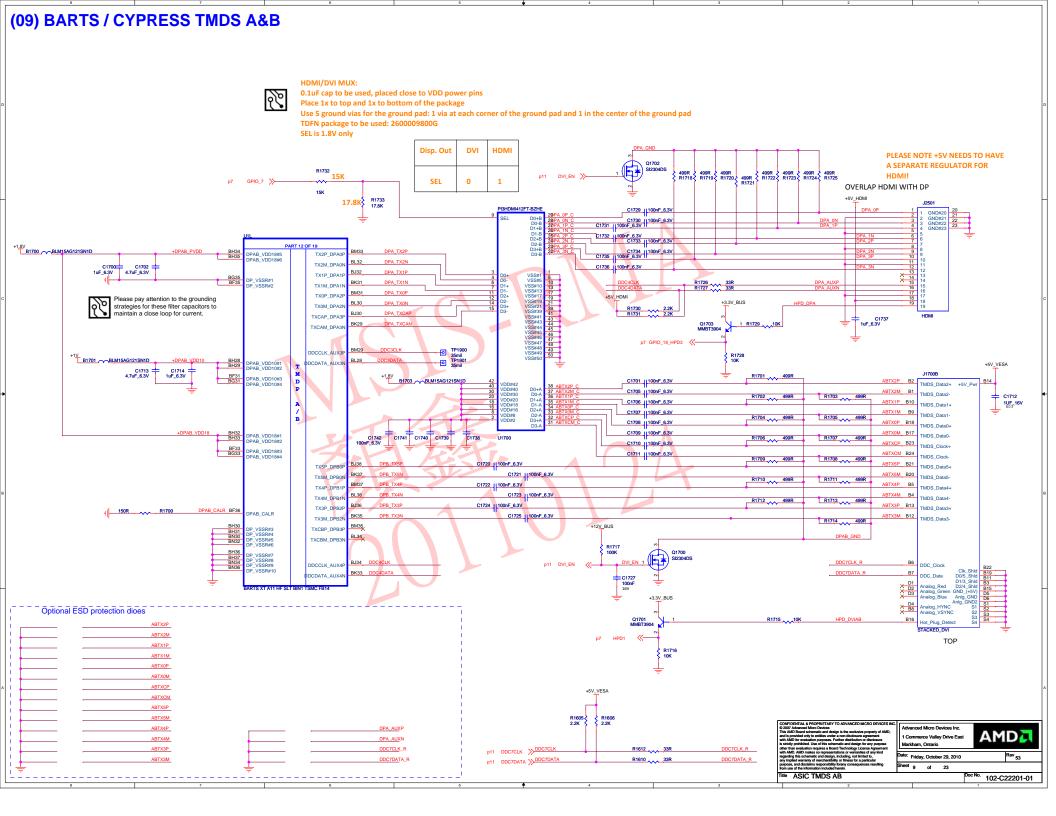


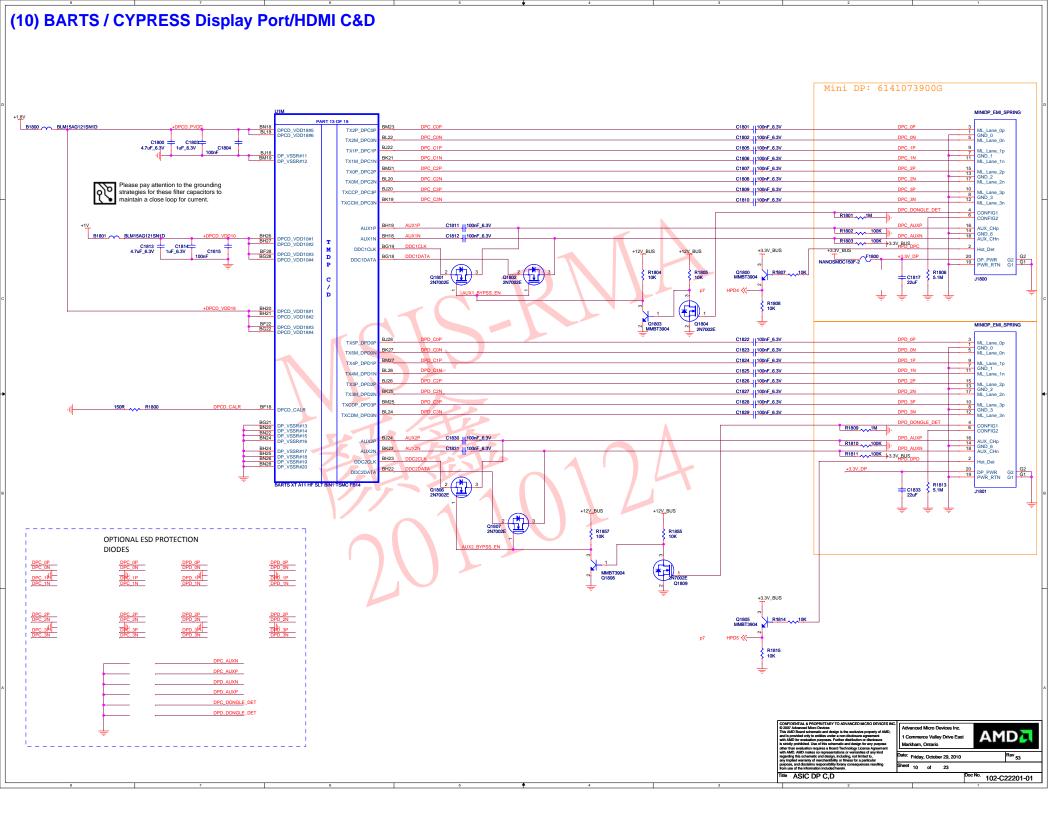


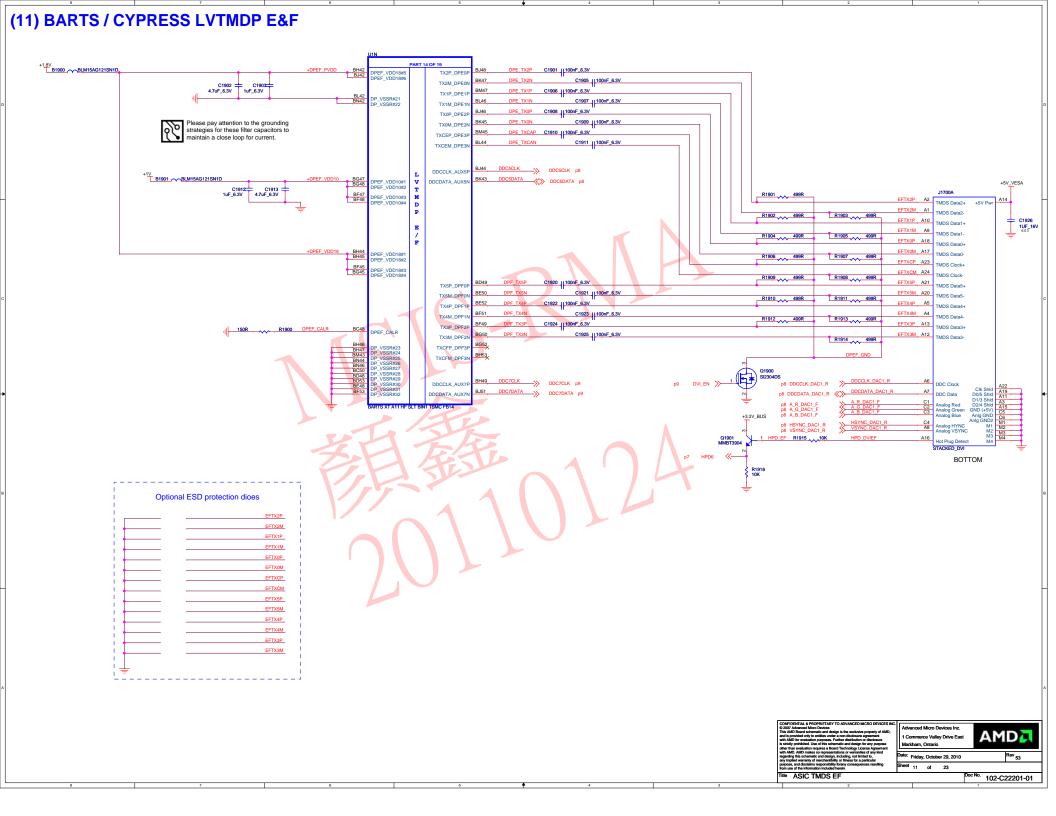


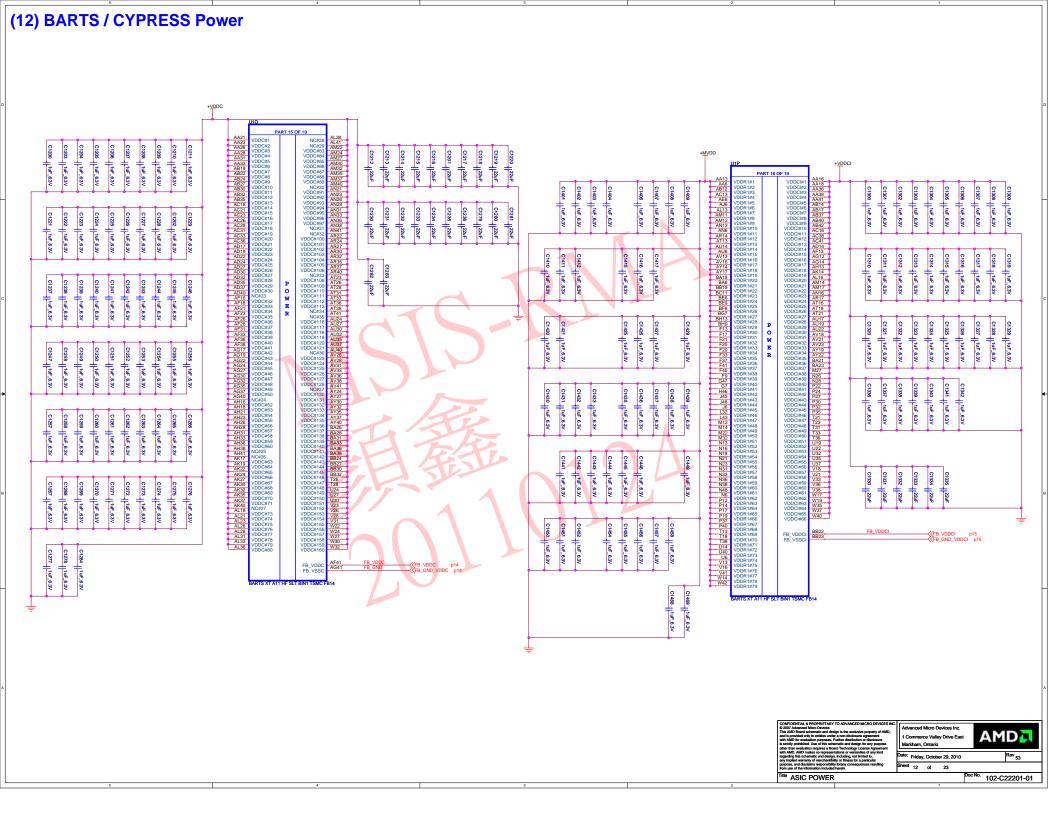


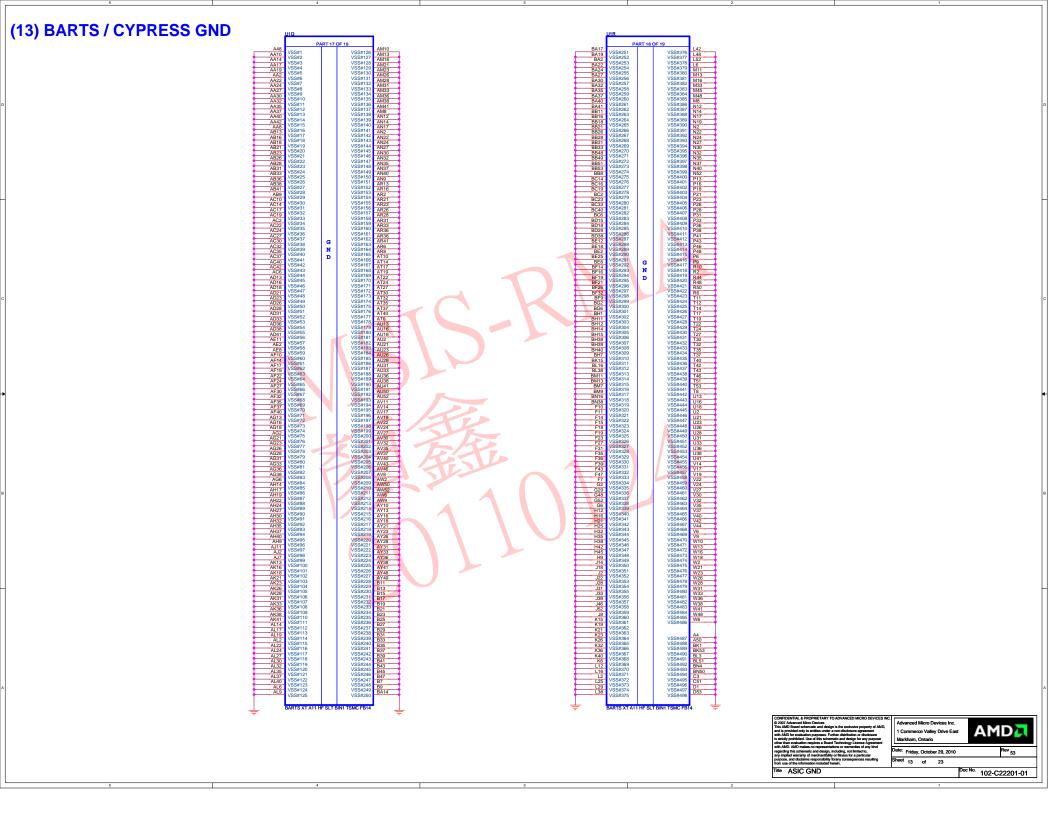


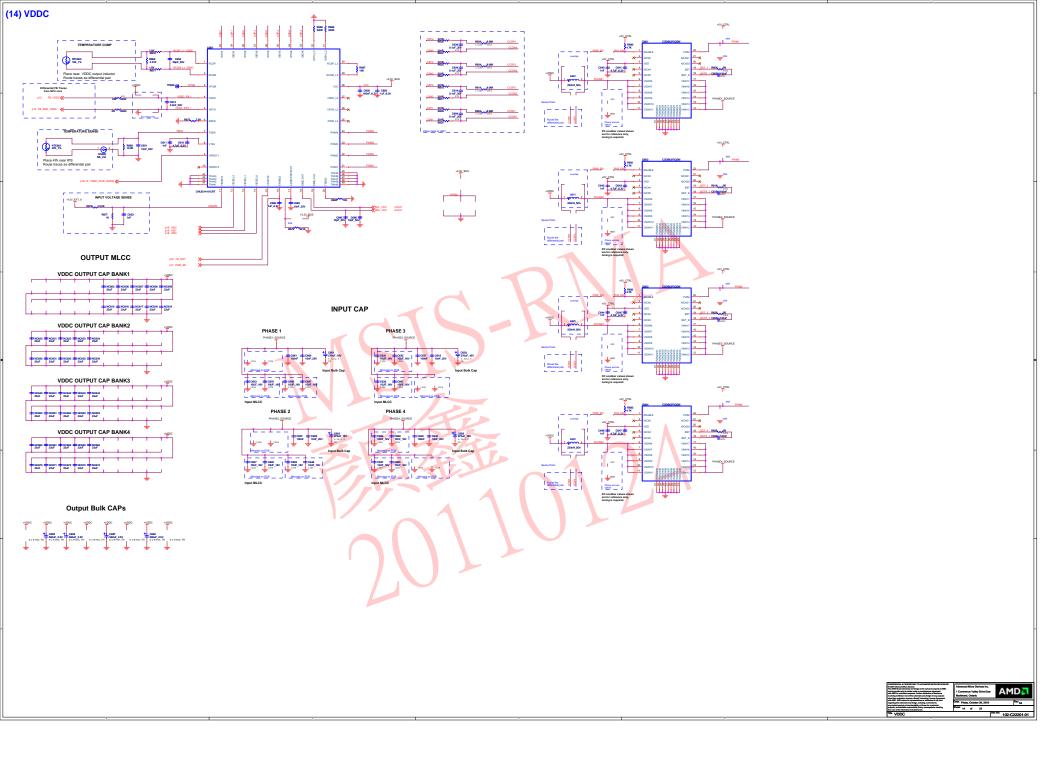


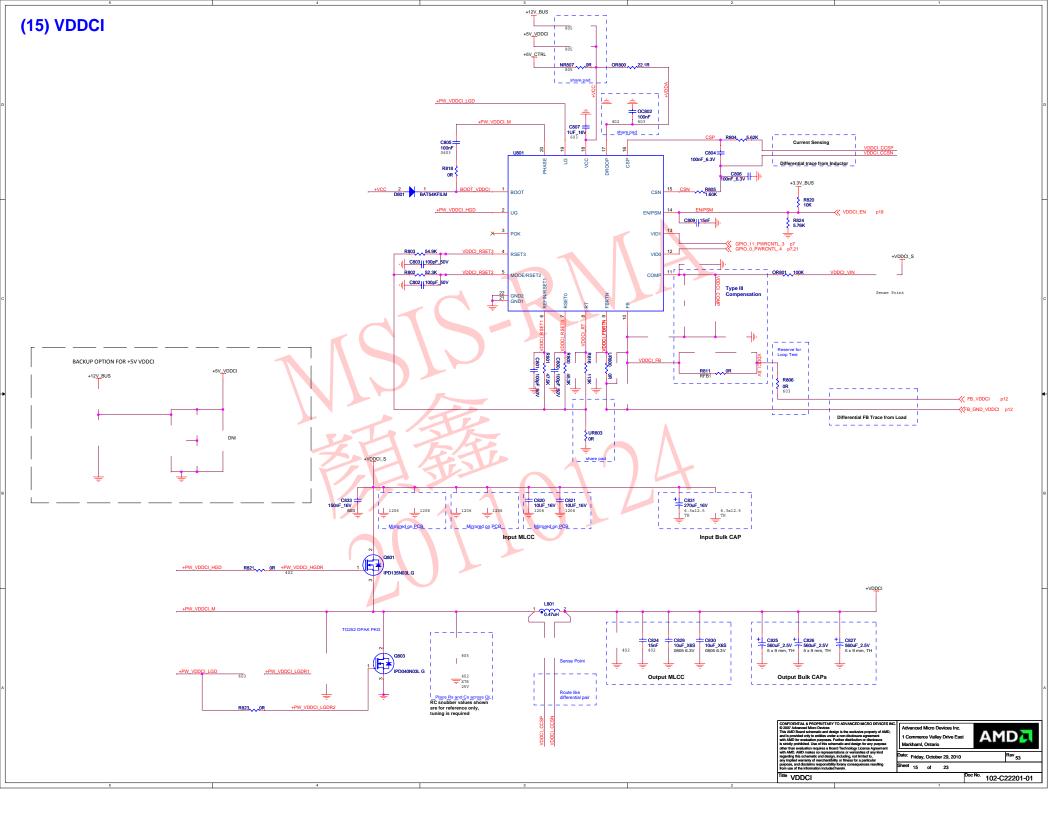


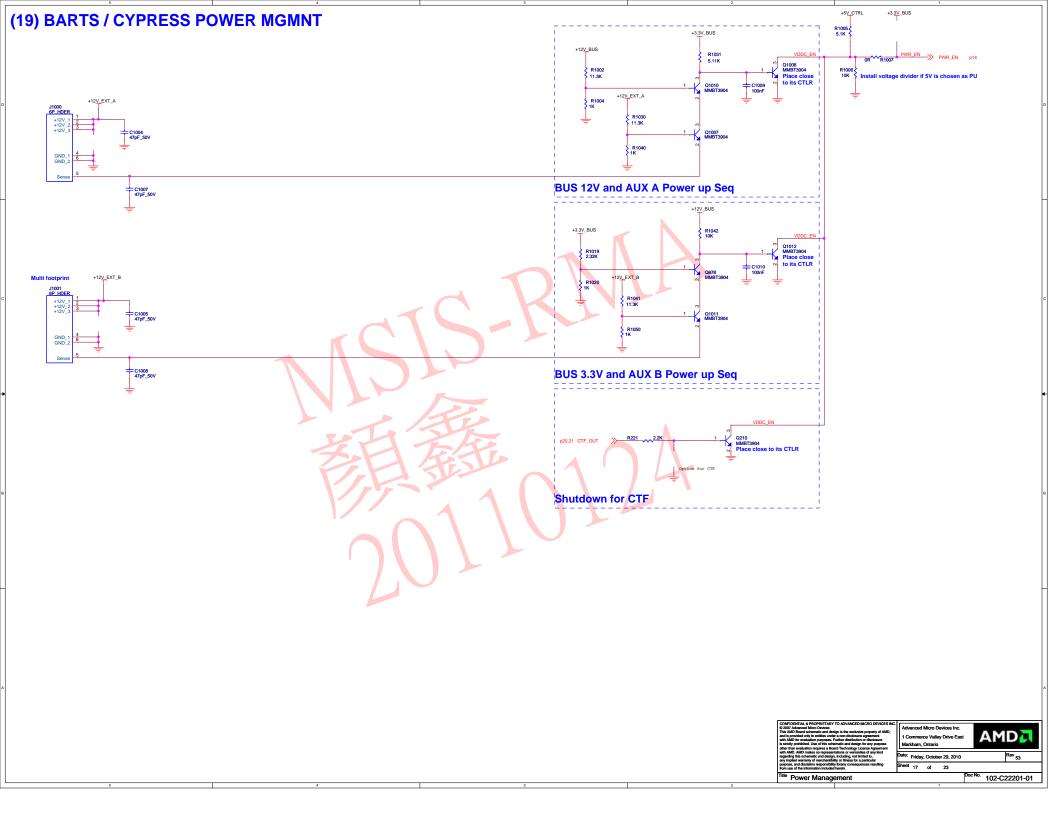


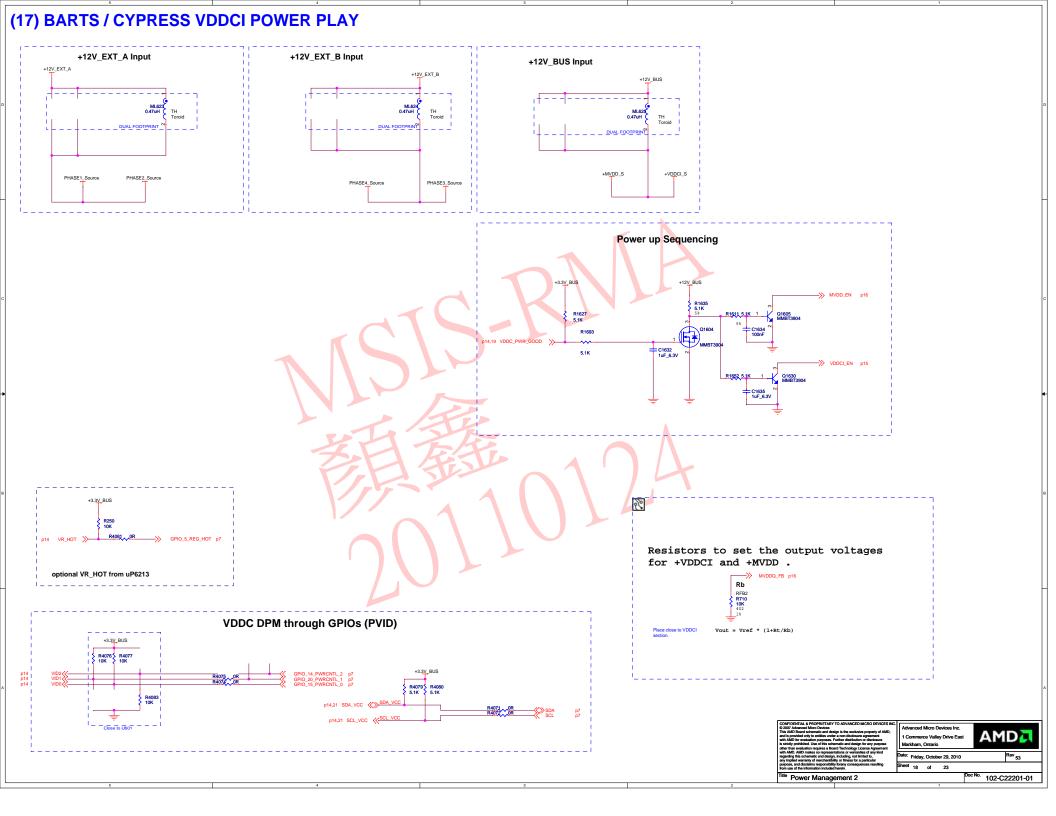


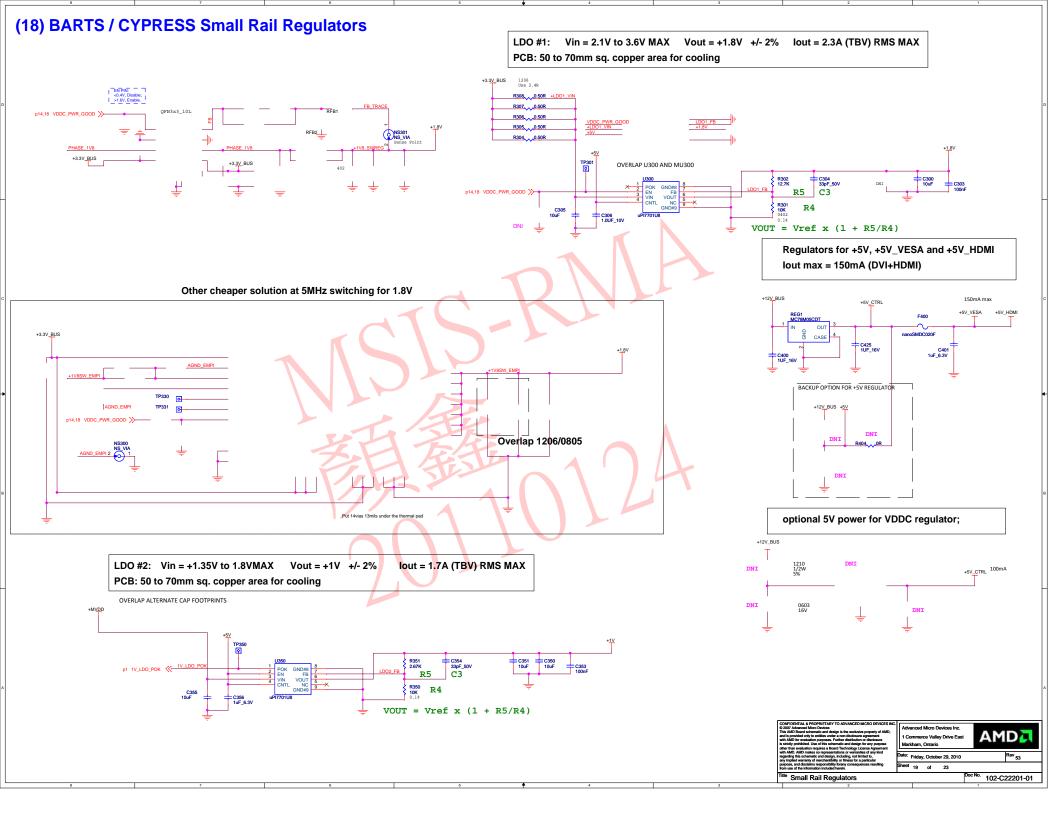


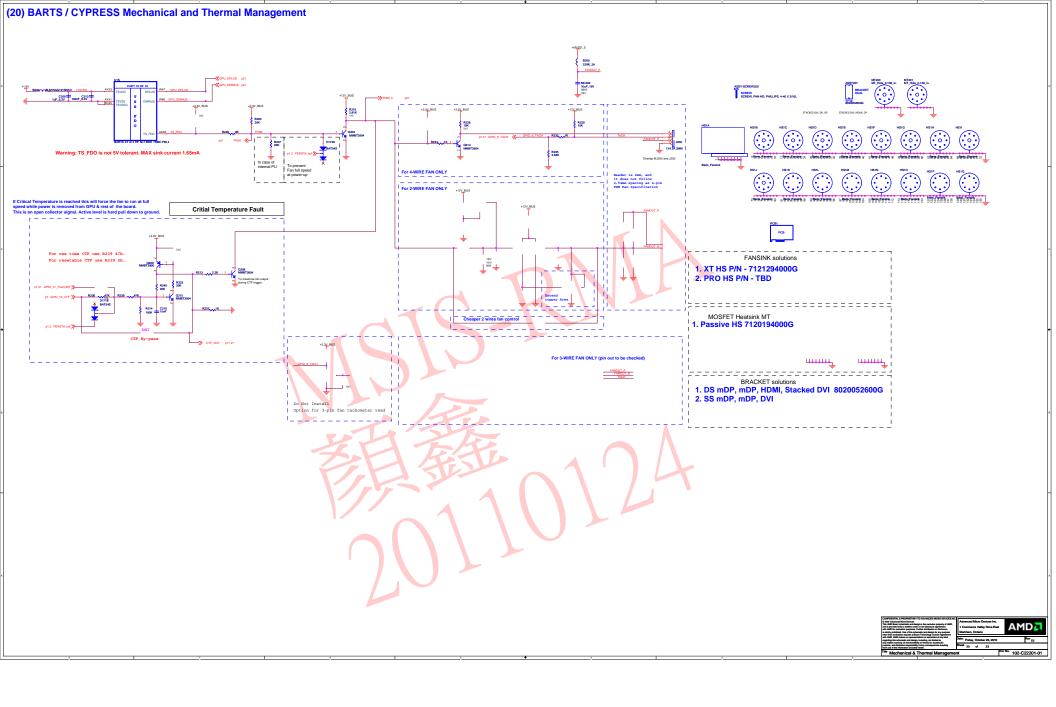


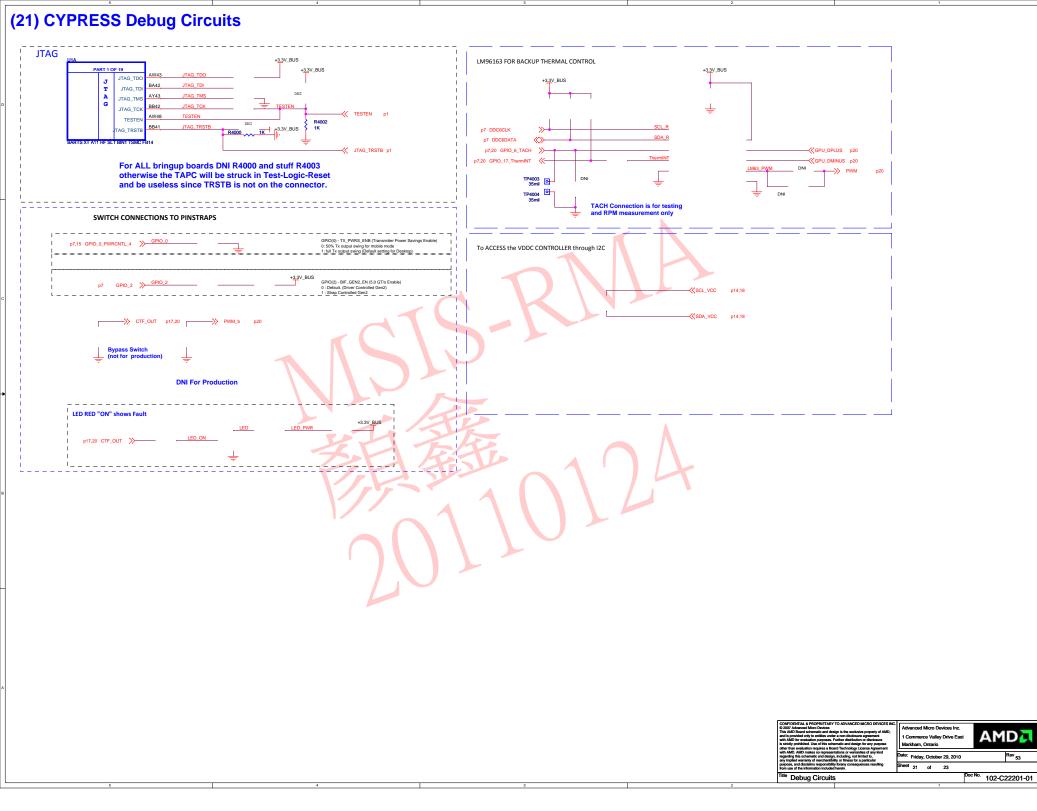


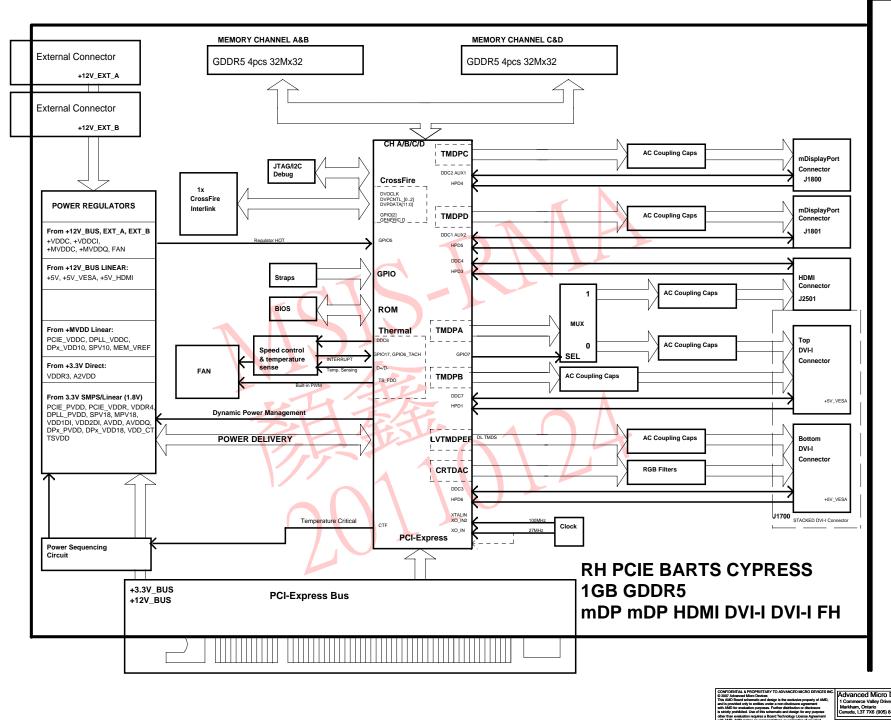












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