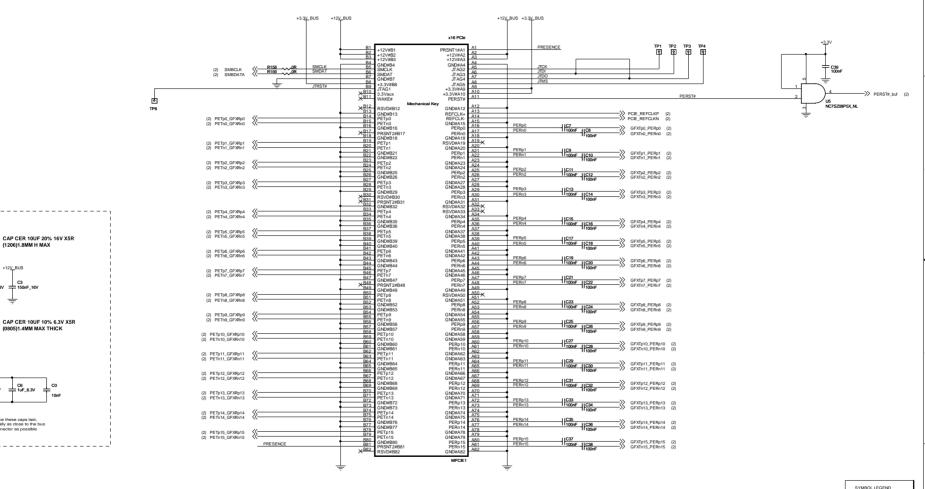
## **PCI-EXPRESS EDGE CONNECTOR**



DN DO NOT NSTALL

# ACTIVE LOW

GROUND

ANALOG GROUND

CORFIDENTIAL & PROPRIET ANY TO ADVANCED MICHO DEVICES INC.

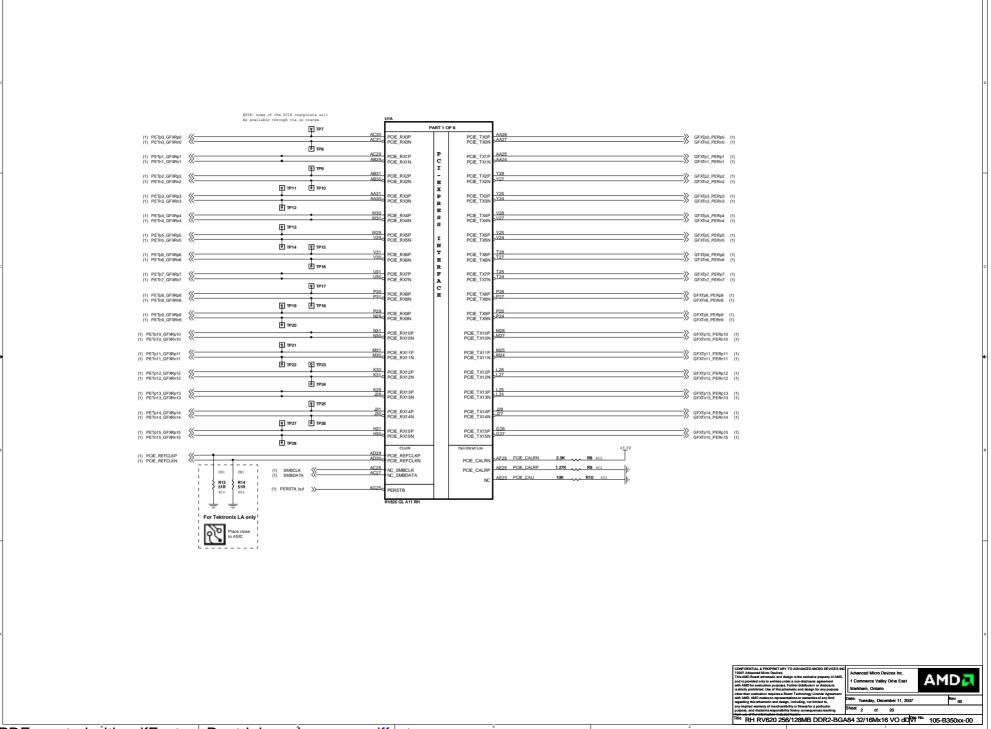
12907 Advanced Micro Devices

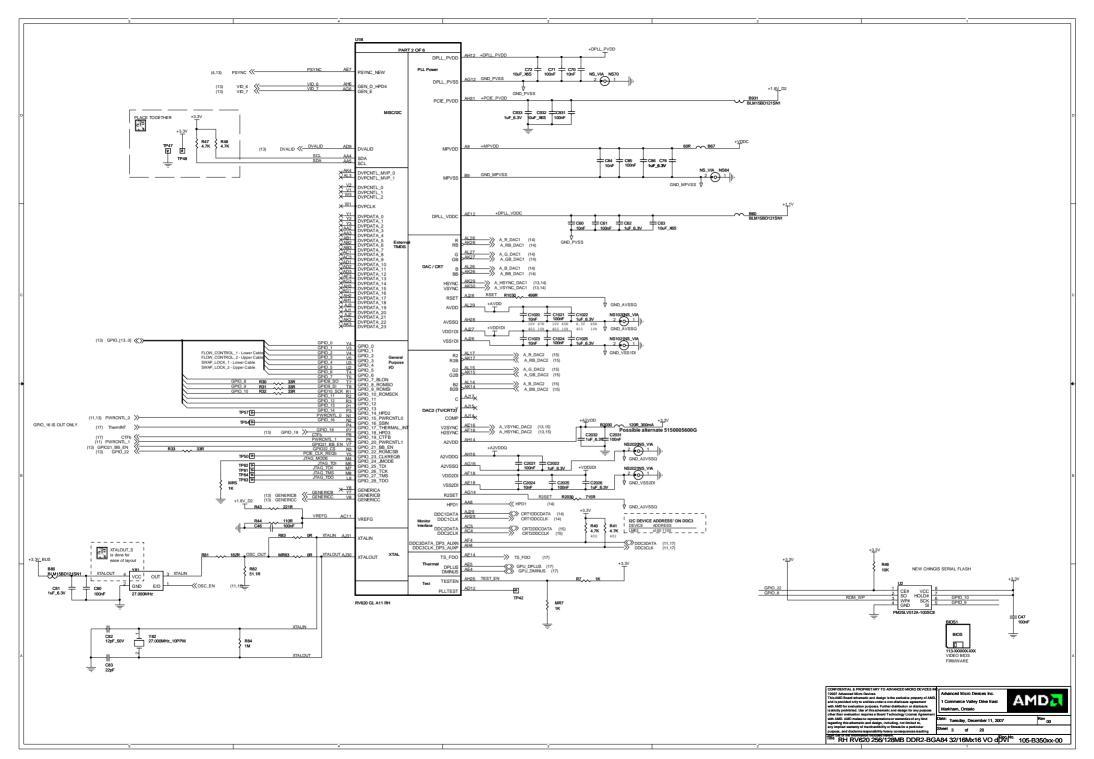
12907 Advanced Micro Devices Inc.

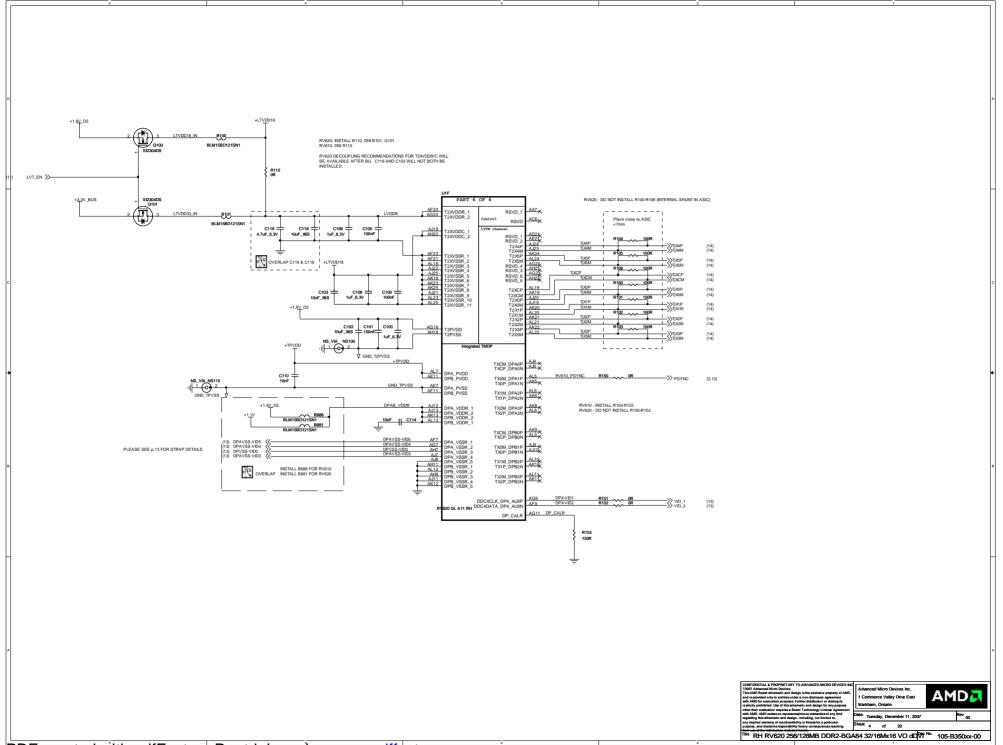
12907 Advanced Micro

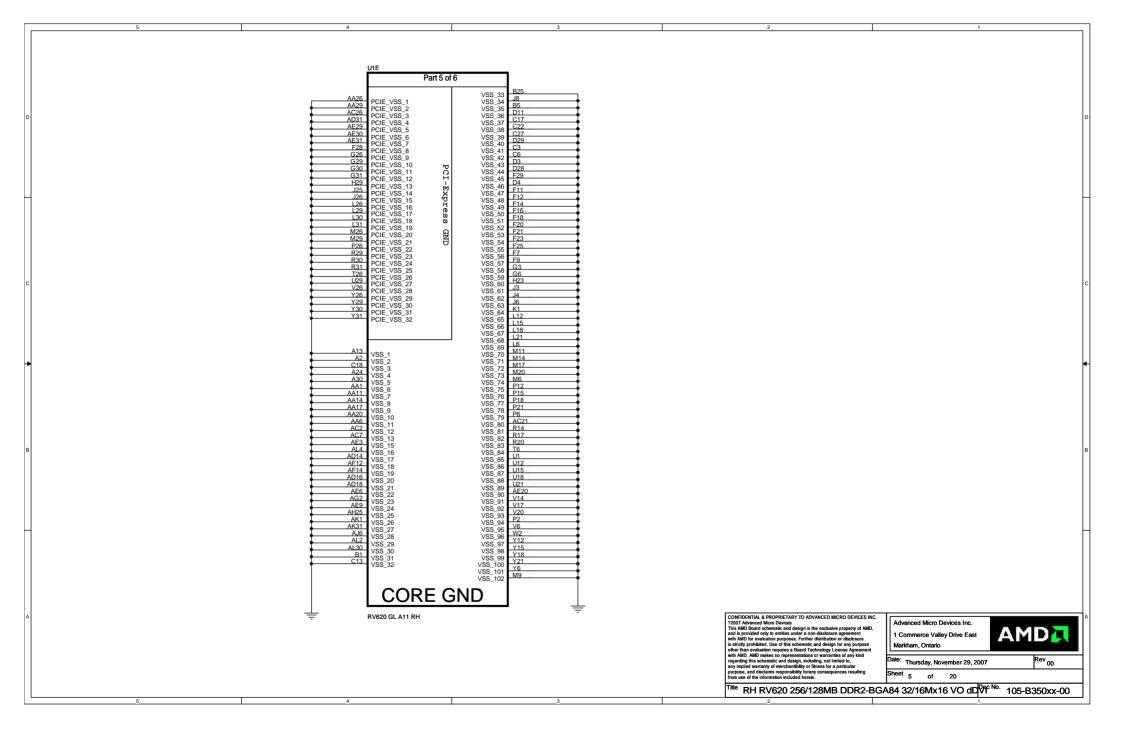
十04

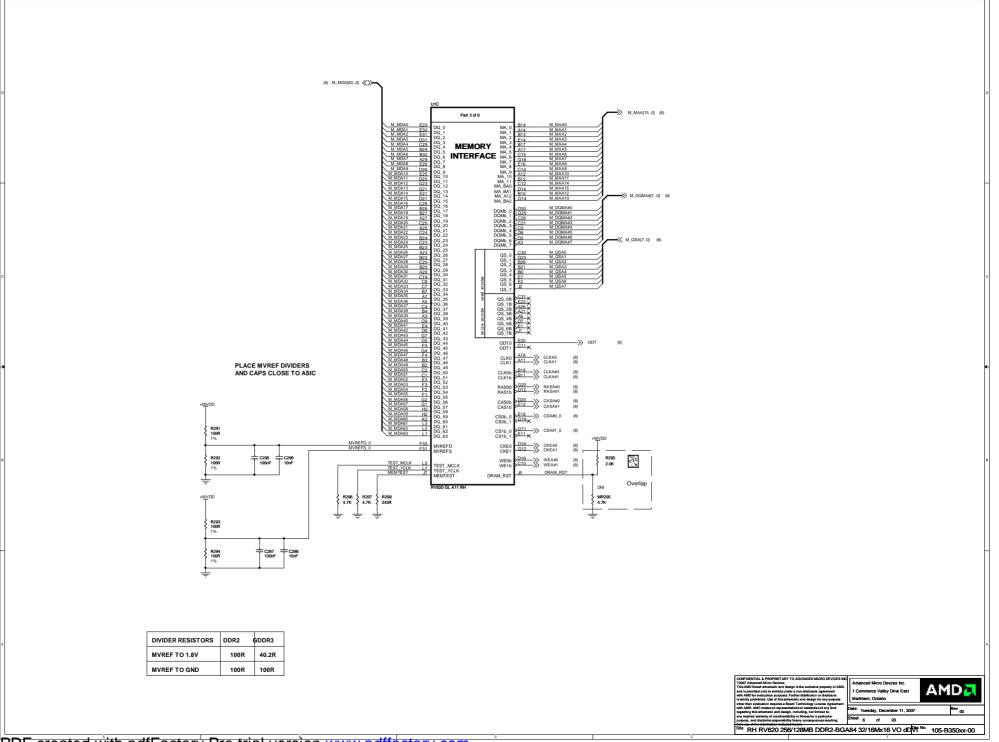
+3.3V\_BUS

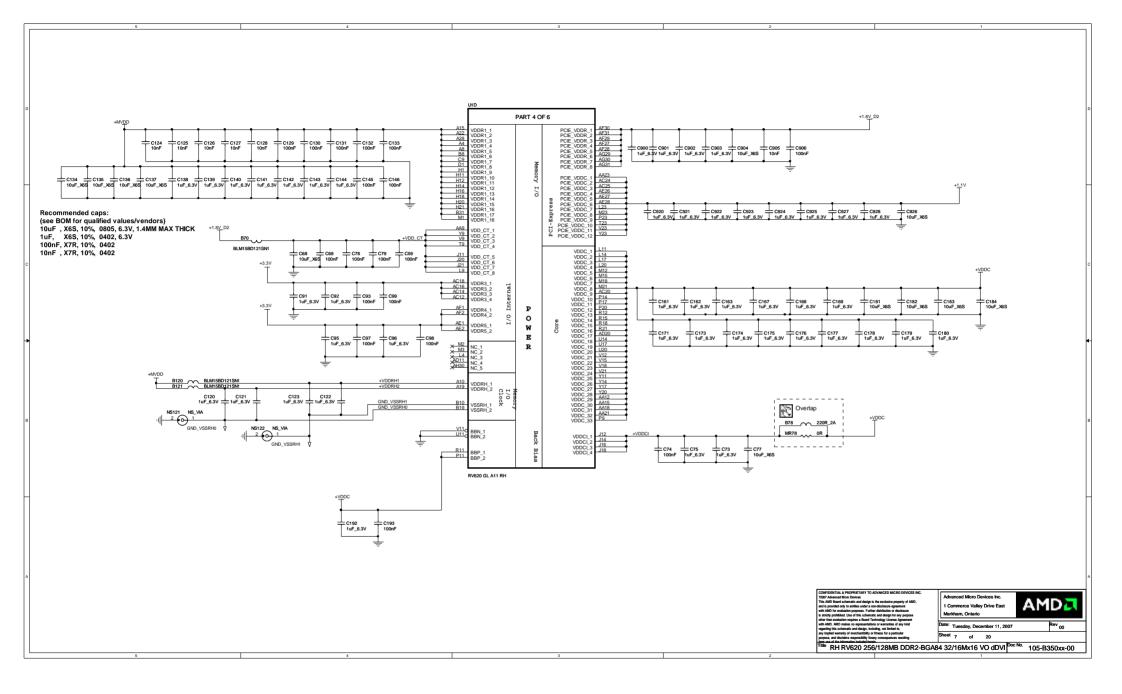


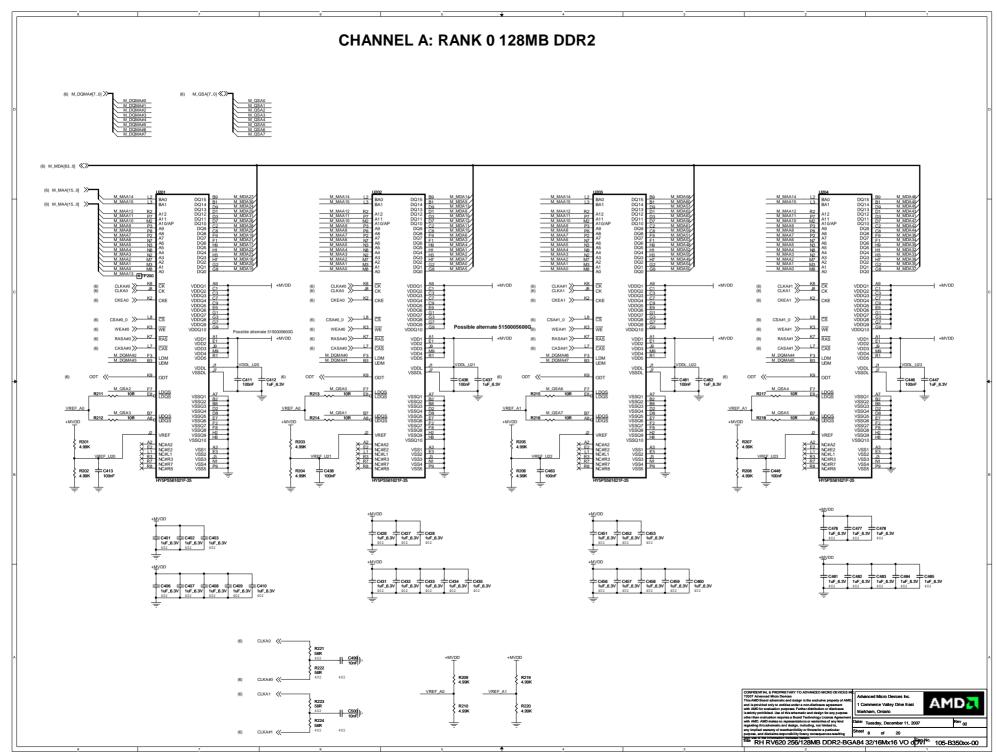


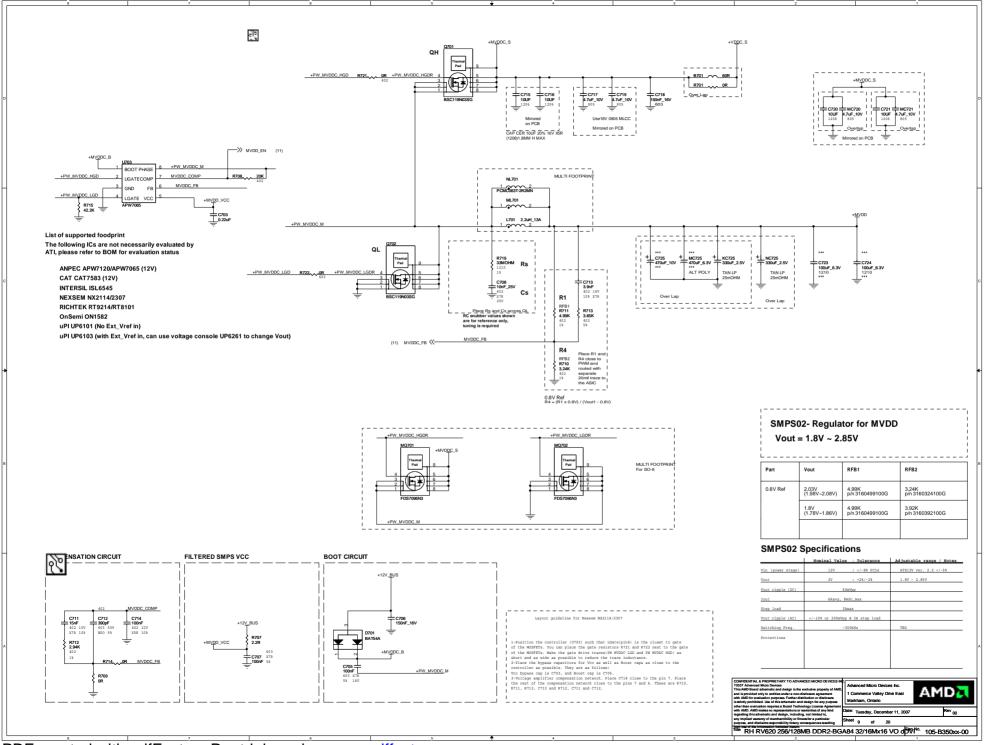


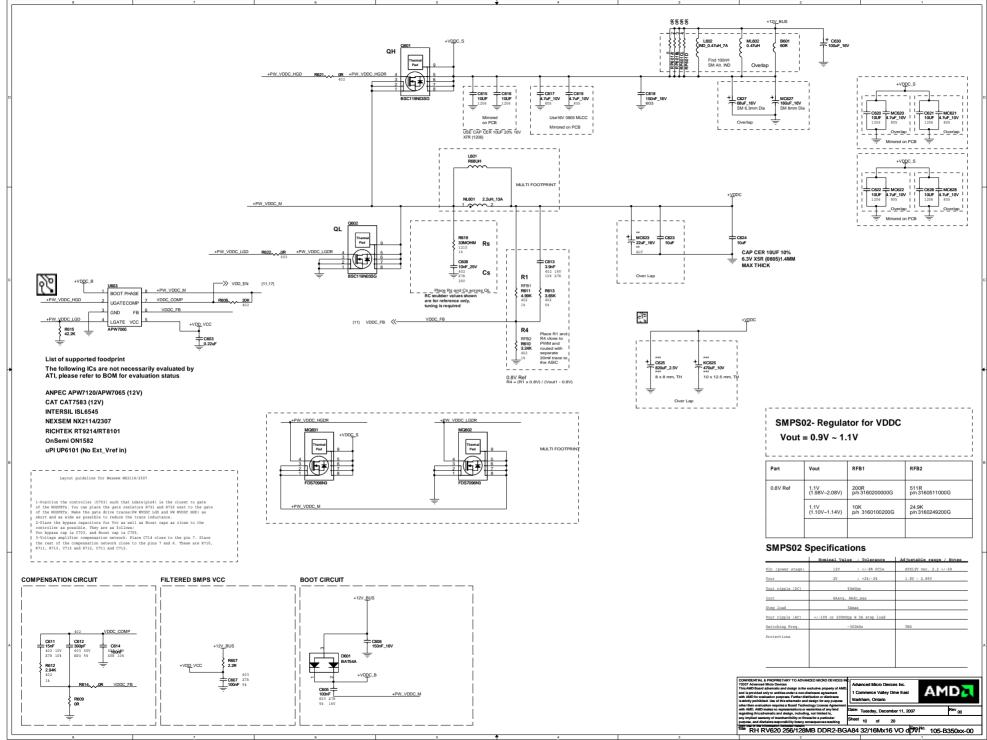


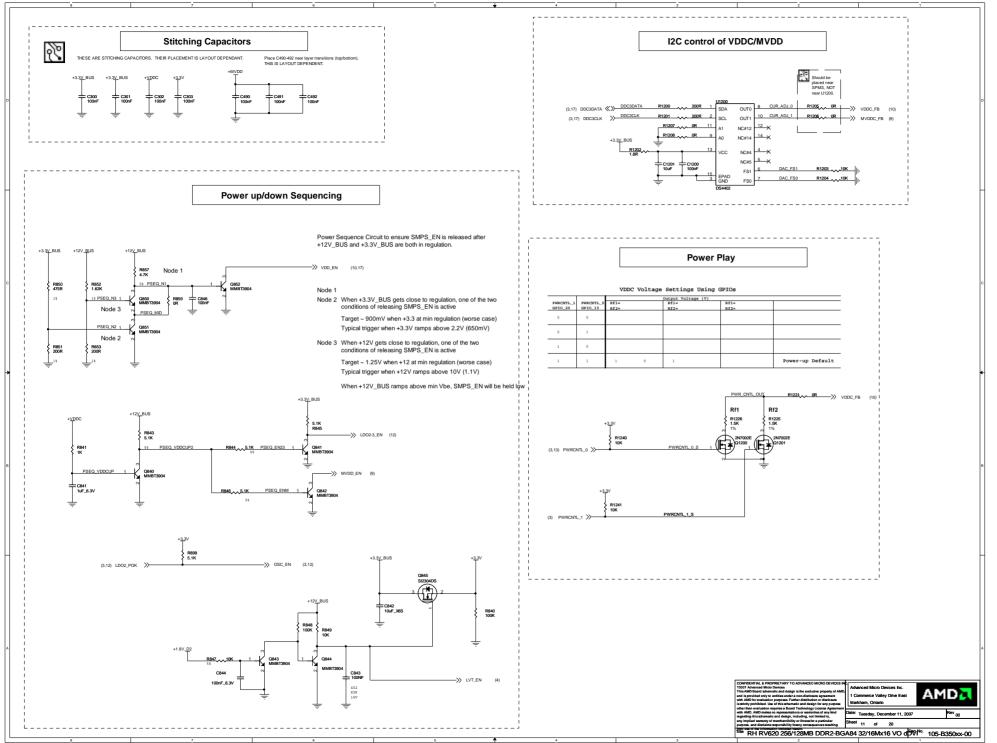


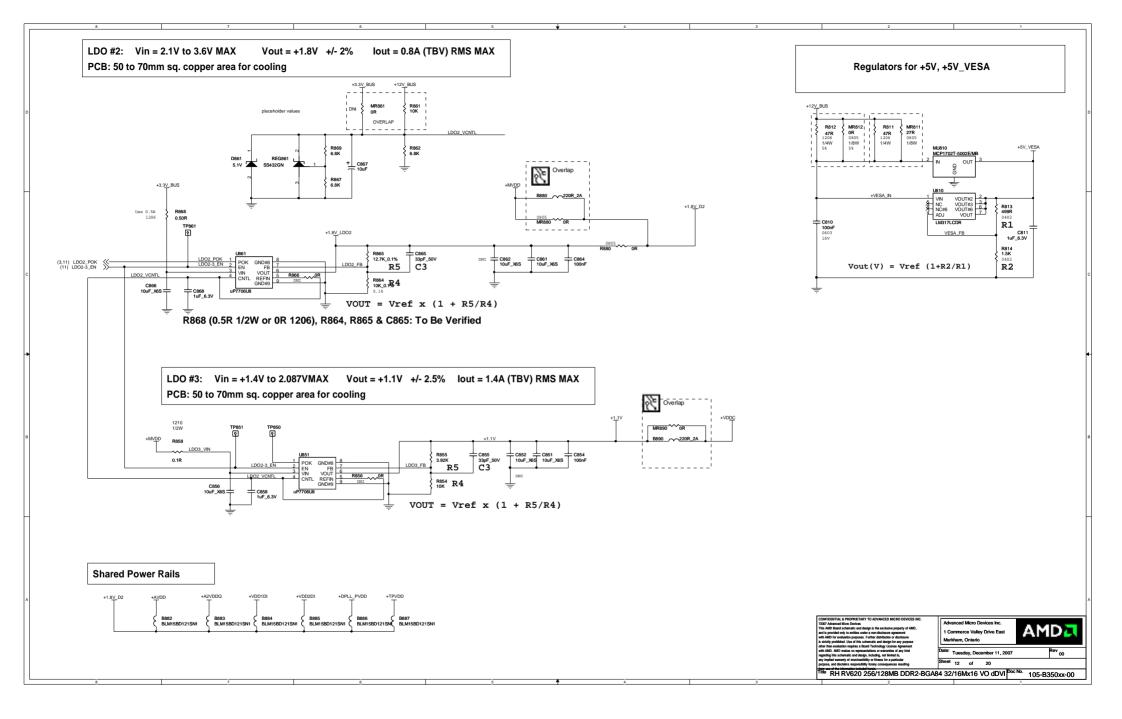


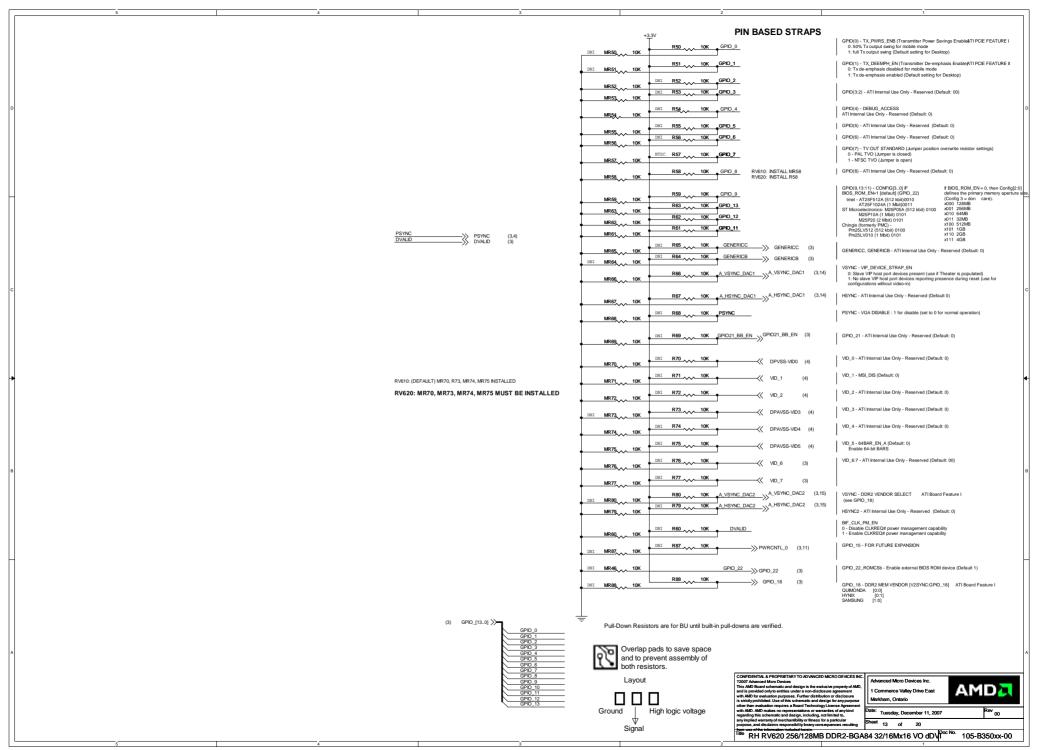


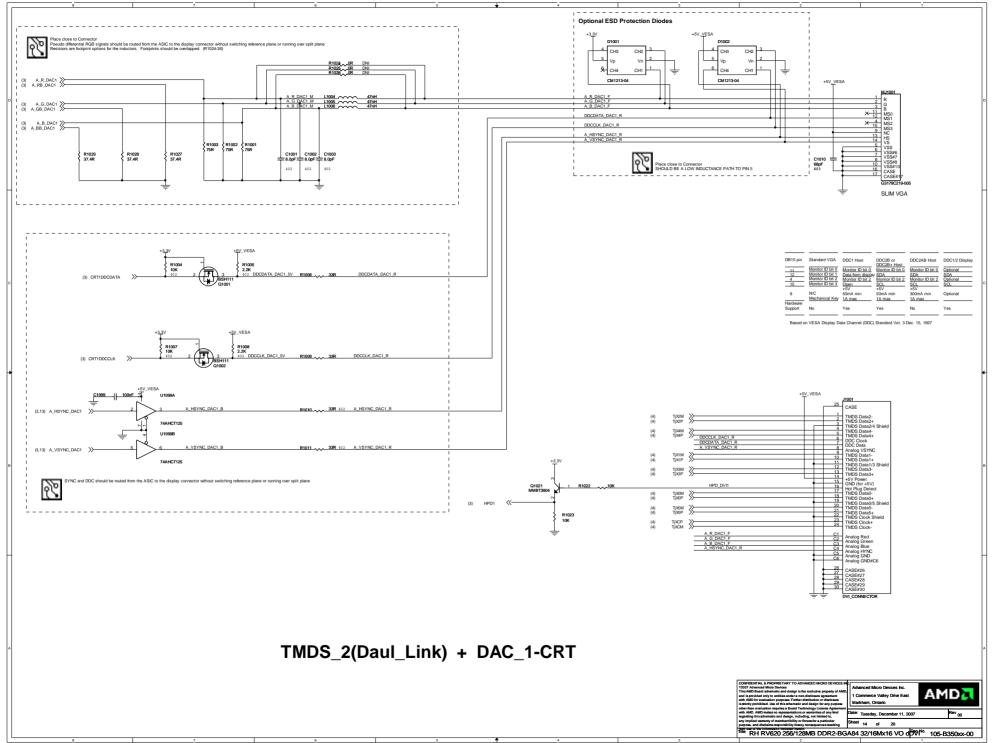


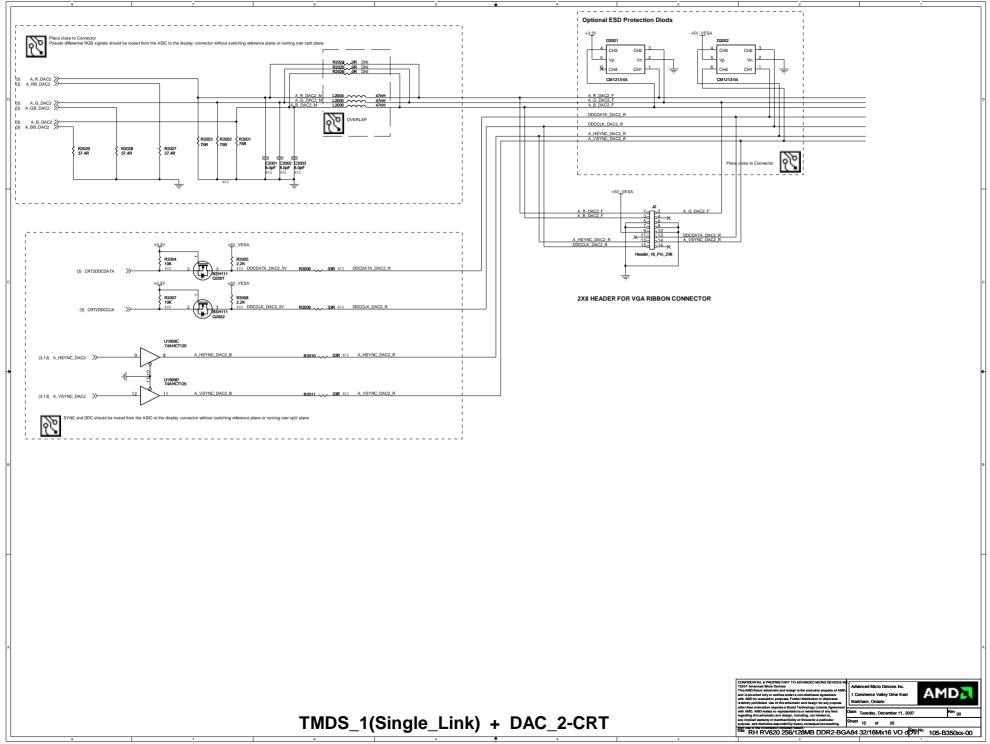


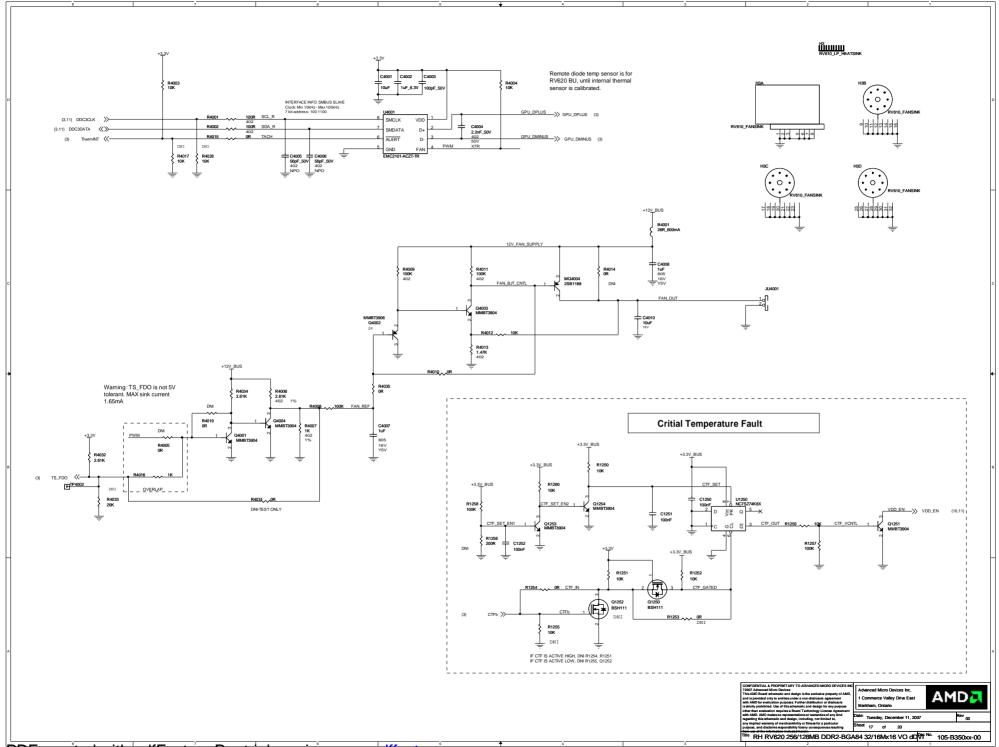


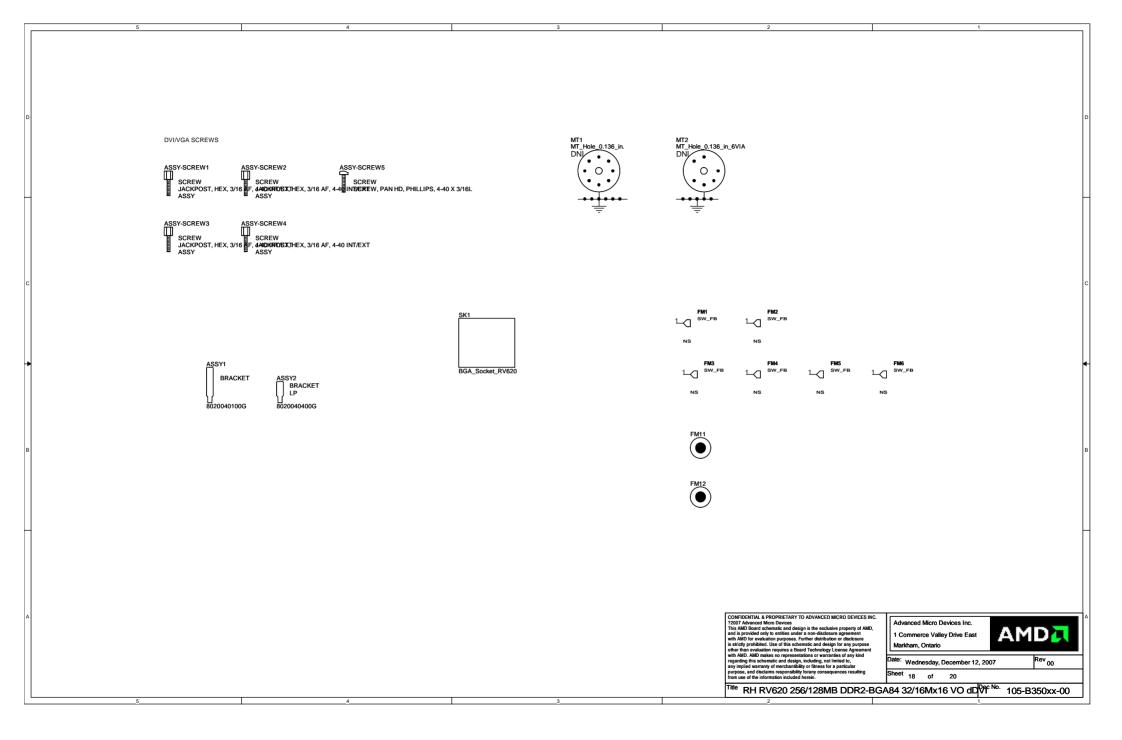












ZVariant Names 4 Title Schematic No. Date: RH RV620 256/128MB DDR2-BGA84 32/16Mx16 VO dDVI 105-B350xx-00 AMD 🔼 Tuesday, December 11, 2007 NOTE: This schematic represents the PCB, it does not represent any specific SKU. Rev **REVISION HISTORY** For Stuffing options (component values, DNI , ? please consult the product specific BOM. 00 Please contact AMD representative to obtain latest BOM closest to the application desired. PCB Sch Date REVISION DESCRIPTION Rev Rev 2007 05 07 START NEW SCHEMATIC. DERIVED FROM B170 (RV610) SCHEMATIC. 00A 01 02 00A 2007.05.17 p. 4 MR155/R155 FIX SHORT 03 00A 2007.05.17 RM R7, NR7, R5, MB60, MR45, R45, R890, R1248, R1247, R1242, R1243, C853, C863; ADD R2, B890, MR890, C846; CHANGE R1022, R1023; 00A 2007.05.22 REMOVE GND\_TXVSSR, GND\_PVSS; AG23 NOW NC - WAS SCHEM MISTAKE; ADD R858 FOR BUO; R858 CHANGE TO 1210; 05 00A 2007.05.24 CTF: ADD Q1252, R1254, R1255, R1256, R1258, Q1253, Q1254, CHANGE U1250 TO SINGLE FF; UPDATE BLOCK DIAGRAM. 06 00A 2007.05.25 LVTM: ADD R110, RM R109, MR109, R108, R107; 07 00A 2007.05.28 LVTM: ADD C118, RM C104; REMOVE MR85, MR86 FOR SIMPLIFICATION; XTALIN/OUT: LAYOUT EASEMENT; REMOVE MR108 (R849 ALREADY THERE); LVTM: ADD C119 (LOWER COST OPTION); POWER SUPPLY: REMOVE R706, MR707, R606 & MR607; 08 00A 2007.05.28 09 00A 2007.05.29 REMOVAL OF +5V: ADD R861, MR861, R862, REG861, R869, R863, R867; REMOVE MU830, U830, C830. R833, R834, C831, R832, MR832, R831, MR831; CONNECT DDC TO 5V\_VESA; 010 00A 2007.05.30 CHNG C858 TO 3.3VBUS; CONNECTION TO R845 CHNG; ADD R870, MR870, C867; 2007.05.30 Ann REMOVE R4033; REMOVE B201-204; ADD R30-33 [PLACE NEAR ASIC]; REMOVE R3004, R3005; 011 012 00A 2007.05.31 REMOVE C164-C166, C170, C172 PER SIMULATION RESULTS - THESE CAPS DO NOT IMPROVE DECOUPLING. RM TP860 (LAYOUT CONSTRAINTS. ALREADY ICT TP ON THAT NET); 013 00A 2007.05.31 RM R154-R157, MR154-157 -> FUNCTIONALITY TAKEN BY EXISTING STRAPS. LAYOUT USE PLACE OF M/R154-7; ADD R7; RM MR706, MR606, B889, R863; ADD D861; 014 00A 2007.05.32 ADD SOCKET SK1 015 00A 2007.06.1 SK? CORRECTED TO SK1. 016 00B 2007.06.25 NO NETLIST CHANGES; - MOUNTING HOLES CHANGED TO 3.175mm; 017 2007.10.01 p. 1 - CONNECT B7 TO GND (SEE PA RV6XX H1) - REMOVE R2. IT IS ALWAYS POPULATED, NO NEED TO ZERO OHM. THIS BOARD DOES NOT SUPPORT JTAG DEBUG; p. 11 - REMOVE R839. THIS CIRCUIT IS VERIFIED. THERE IS NO NEED TO BE ABLE TO DISCONNECT IT: p. 12 - REMOVE R870 - THIS OPTION NOT USED, VCNTRL MUST BE HIGHER THAN +3.3V - MR870 REMOVED - ALWAYS POPULATED, DO NOT NEED ZERO OHM RESISTOR OPTION; - REMOVE R860 - WAS BRING UP ONLY OPTION: p. 17 - REPLACED FAN CIRCUIT WITH ONE THAT HAS FEEDBACK: - ADD R4033, R4031, R4019, R4034, R4006, R4035, Q4004, R4035, Q40002. R4009, R4011, Q4003, R4012, R4013; P.16-Base on105-B350XX-00.DSN remove TV-OUT function: -Remove R3001-3003,C3001-3006,L3001-3003 018 00 2007.12.11 -Remove R3006-3011,C3007-3010,J3001

