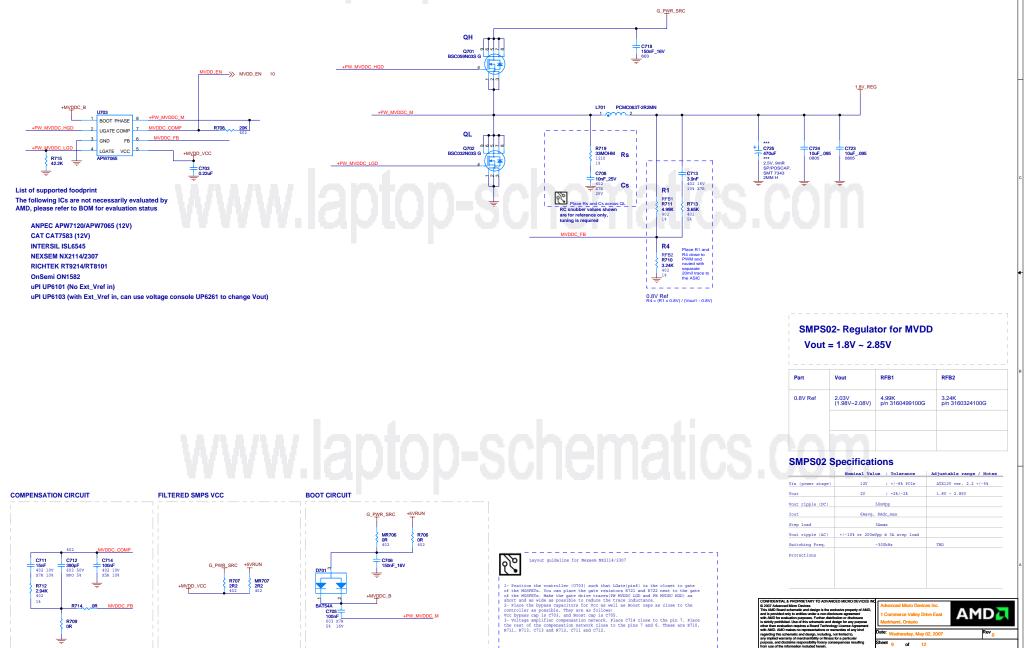
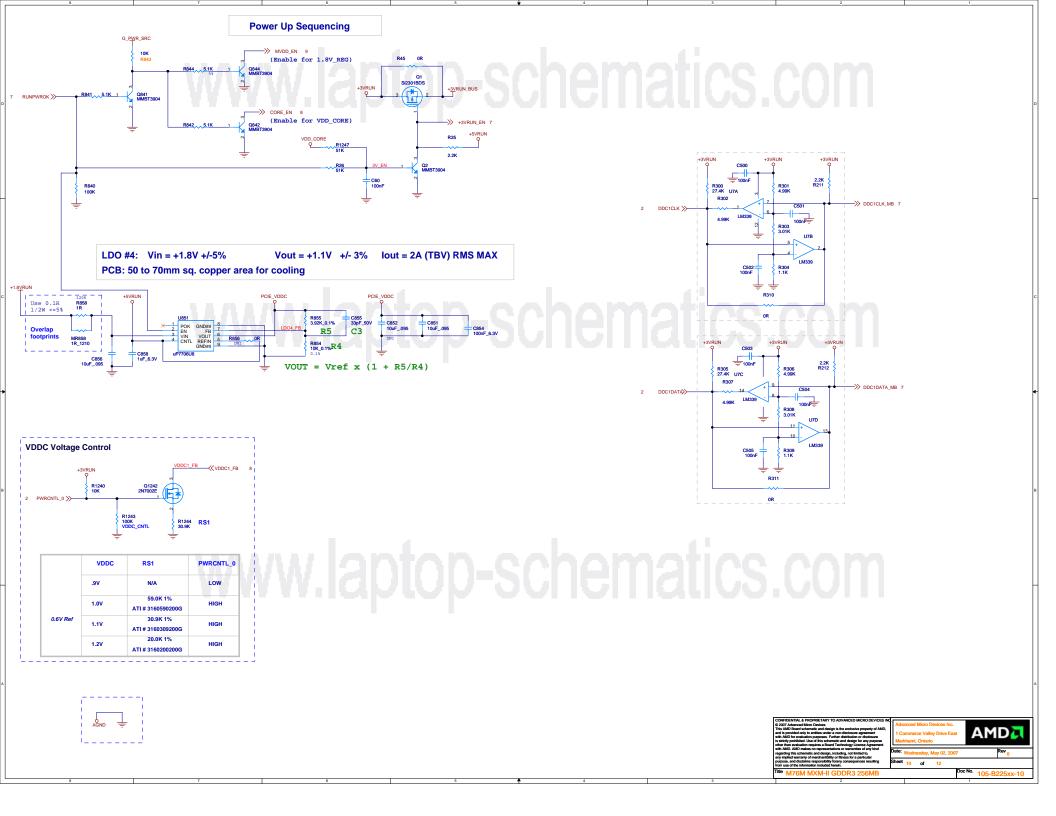
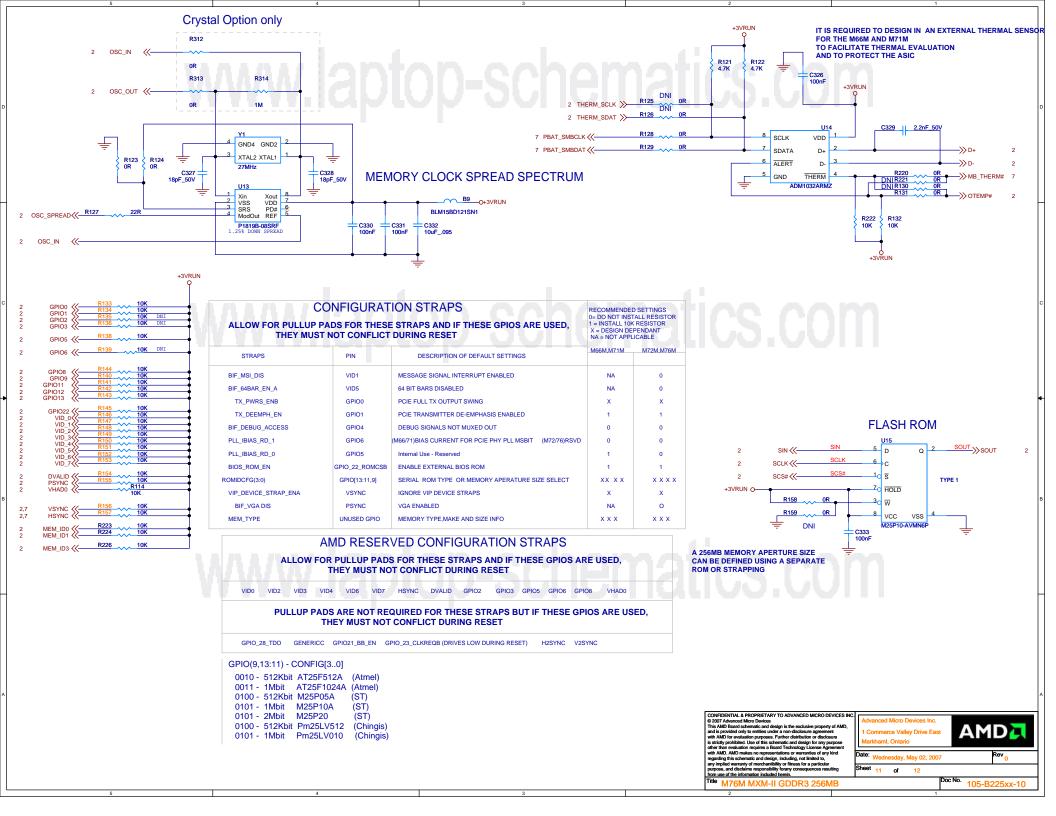


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AMD.

Title M76M MXM-II GDDR3 256MB

Schematic No.

105-B225xx-10

Date:

Wednesday, May 02, 2007

REVISION HISTORY

NOTE:

This schematic represents the PCB, it does not represent any specific SKU.

For Stuffing options (component values, DNI's, ...) please consult the product specific BOM.

Please contact AMD representative to obtain latest BOM closest to the application desired.

Rev n

| 0 00A 27/12/06 Initial Design Based on B131 | | Sch Rev | PCB Rev | Date | REVISION DESCRIPTION | |
|--|--------|------------|------------|----------|--|---|
| R1245 ADD 3150000000 (opion to connect AC/BAT# to GPI014) R1246 ADD 31500000000 (opion to connect AC/BAT# to GPI017) R709 ADD 315000000000 (MVDD TO SUPPORT NEW PART) R714 ADD 31500000000 (MVDD TO SUPPORT NEW PART) R715 ADD 315000100000 (MVDD TO SUPPORT NEW PART) R1247 ADD 31500110000 (MVDD TO SUPPORT NEW PART) R1247 ADD 31500110000 (OPITON TO USE VDD_CORE TO SWITCH +3.3RUN) 2 24/04/07 2 3 24/04/07 2 3 24/04/07 2 3 24/04/07 2 3 24/04/07 2 3 24/04/07 2 3 3 2 24/04/07 2 3 2 2 3 2 2 2 2 2 3 2 2 2 2 2 3 2 | | 0 | 00A | 27/12/06 | 5 Initial Design Based on B131 | |
| U6 ADD 2430003000g (DUAL SPST) R202 REPLACE TO 3150010400g (now 100K pull up) C859 ADD 4214016600g (100 Fon PPUD) C859 ADD 4214016600g (100 Fon PPUD) R201 REMOVED R229 ADD 3150000000g (Option to Bypass U6) R230 ADD 3150000000g (Option to Bypass U6) R228 ADD 3150010300g (Pull down on BL_BRIGHT_MB) R227 ADD 3150010400g (O15 base resistor) R25 REPLACE TO 3150012200g (change to 2.2K so Q15 base load doesn't cuase too much voltage drop) C861 ADD 4170010400g (Active level shifter for DDC1) R309 ADD 316001000g (Active level shifter for DDC1) R309 ADD 31600174000g (Active level shifter for DDC1) R303 ADD 31600274200g (Active level shifter for DDC1) R303 ADD 3160301100g (Active level shifter for DDC1) R303 ADD 3160301100g (Active level shifter for DDC1) R303 ADD 3160301100g (Active level shifter for DDC1) R303 ADD 3160499100g (Active level shifter for DDC1) R304 ADD 3160499100g (Active level shifter for DDC1) R305 ADD 3160499100g (Active level shifter for DDC1) R307 ADD 3160499100g (Active level shifter for DDC1) C503 ADD 4170010400g (Active level shifter for DDC1) C503 ADD 4170010400g (Active level shifter for DDC1) C503 ADD 4170010400g (Active level shifter for DDC1) C504 ADD 4170010400g (Active level shifter for DDC1) C505 ADD 4170010400g (Active level shifter for DDC1) R311 ADD 3150000000g (Bypass Active level shifter for DDC1) R313 ADD 3150000000g (Bypass Active level shifter for DDC1) R314 ADD 3150000000g (Bypass Active level shifter for DDC1) R314 ADD 3150000000g (Bypass Active level shifter for DDC1) R314 ADD 3150000000 (Bypass Active level shifter for DDC1) | | 1 | 00B | 27/03/07 | R1245 ADD 3150000000 (option to connect AC/BAT# to GPIO14) R1246 ADD 3150000000 (option to connect AC/BAT# to GPIO17) R709 ADD 3150000000G (MVDD TO SUPPORT NEW PART) R714 ADD 3150000000G (MVDD TO SUPPORT NEW PART) R715 ADD 3160422200G (MVDD TO SUPPORT NEW PART) | |
| R25 REPLACE TO 3150022200G (change to 2.2K so Q15 base load doesn't cuase too much voltage drop) R304 ADD 4170010400G (J6 Decupling cap) U7 ADD 2480001990G (Active level shifter for DDC1) R304 ADD 3160110100G (Active level shifter for DDC1) R305 ADD 3160274200G (Active level shifter for DDC1) R306 ADD 3160391100G (Active level shifter for DDC1) R307 ADD 3160499100G (Active level shifter for DDC1) R307 ADD 3160499100G (Active level shifter for DDC1) R307 ADD 3160499100G (Active level shifter for DDC1) C507 ADD 4170010400G (Active level shifter for DDC1) R310 ADD 3150000000G (Bypass Active level shifter for DDC1) R311 ADD 3150000000G (Cypstal only option) R313 ADD 3150000000G (Cypstal only option) R314 ADD 3160100400G (Cypstal only option) | с • | 2 | 00 | 24/04/07 | U6 ADD 2430003000G (DUAL SPST) R202 REPLACE TO 3150010400G (now 100K pull up) C859 ADD 4214010600G (10uF on TPVDD) C860 ADD 4214010600G (10uF on DPLL_PVDD) R201 REMOVED R229 ADD 3150000000G (Option to Bypass U6) R230 ADD 3150000000G (Option to Bypass U6) R228 ADD 3150010300G (Pull down on BL_BRIGHT_MB) | c |
| Name | | | | | R25 REPLACE TO 3150022200G (change to 2.2K so Q15 base load doesn't cuase too much voltage drop) C861 ADD 4170010400G (U6 Decupling cap) | |
| R307 ADD 3160499100G (Active level shifter for DDC1) C500 ADD 4170010400G (Active level shifter for DDC1) C501 ADD 4170010400G (Active level shifter for DDC1) C502 ADD 4170010400G (Active level shifter for DDC1) C503 ADD 4170010400G (Active level shifter for DDC1) C503 ADD 4170010400G (Active level shifter for DDC1) C504 ADD 4170010400G (Active level shifter for DDC1) C505 ADD 4170010400G (Active level shifter for DDC1) C505 ADD 315000000G (Active level shifter for DDC1) R310 ADD 315000000G (Bypass Active level shifter for DDC1) R311 ADD 315000000G (Crystal only option) R313 ADD 315000000G (Crystal only option) R314 ADD 3160100400G (Crystal only option) | В | 3 | 10 | 01/05/07 | R304 ADD 3160110100G (Active level shifter for DDC1) R309 ADD 3160110100G (Active level shifter for DDC1) R300 ADD 3160274200G (Active level shifter for DDC1) R305 ADD 3160274200G (Active level shifter for DDC1) R303 ADD 3160301100G (Active level shifter for DDC1) R308 ADD 3160301100G (Active level shifter for DDC1) R301 ADD 3160499100G (Active level shifter for DDC1) R302 ADD 3160499100G (Active level shifter for DDC1) | В |
| 5 4 3 2 1 | A | | | | R307 ADD 3160499100G (Active level shifter for DDC1) C500 ADD 4170010400G (Active level shifter for DDC1) C501 ADD 4170010400G (Active level shifter for DDC1) C502 ADD 4170010400G (Active level shifter for DDC1) C503 ADD 4170010400G (Active level shifter for DDC1) C504 ADD 4170010400G (Active level shifter for DDC1) C505 ADD 4170010400G (Active level shifter for DDC1) R310 ADD 3150000000G (Bypass Active level shifter for DDC1) R311 ADD 3150000000G (Crystal only option) R313 ADD 3150000000G (Crystal only option) | А |
| | L | | | 5 | 4 3 2 1 | _ |