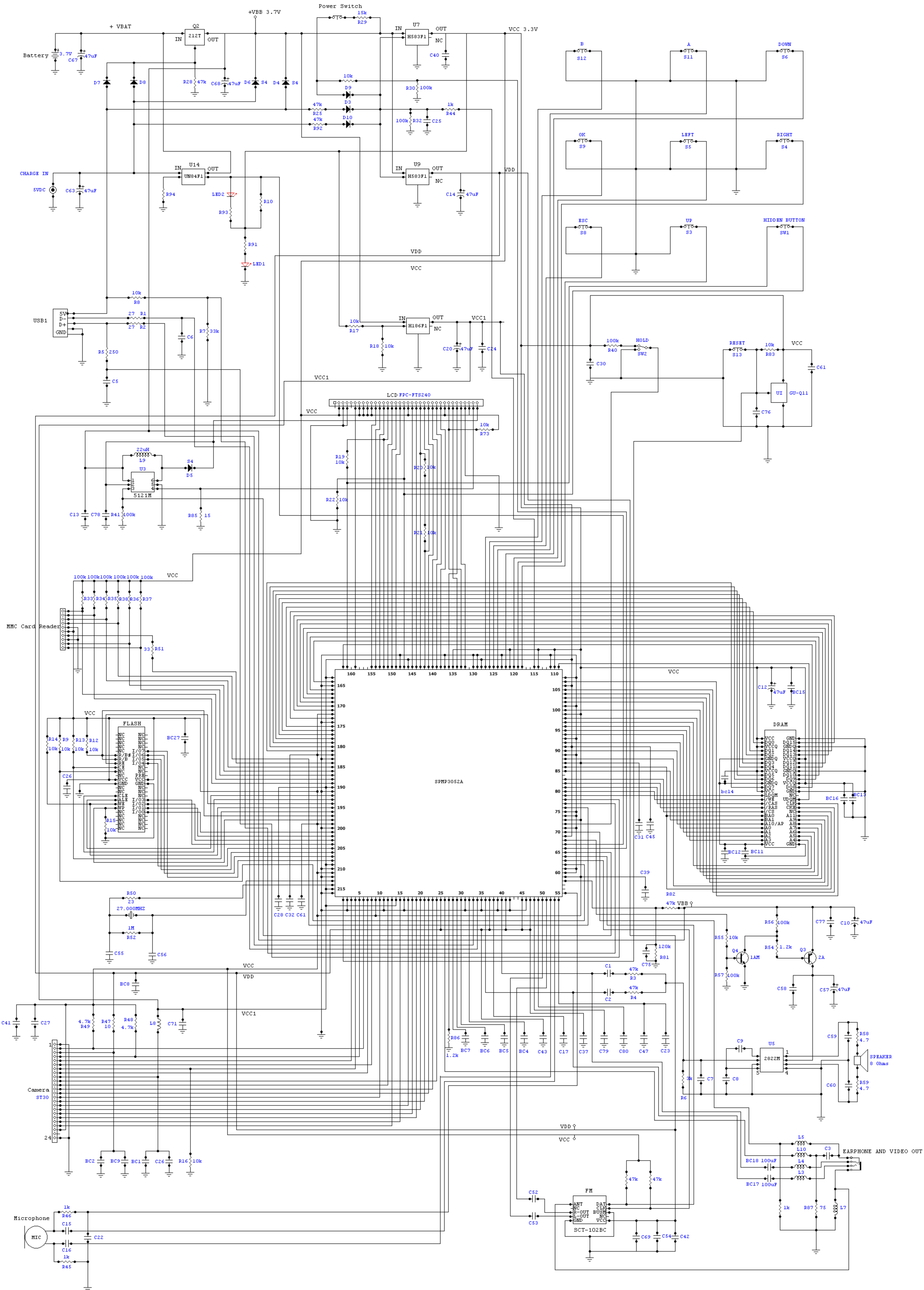


## AJ262 V2 Schematic Diagram



This Basic Schematic Diagram of Portable Multimedia Player(PMP) was I manually Trace with the Board ID of AJ262\_V2, The value of Capacitors are not shown. Coz I have no Special Device to test the Capacity of the Capacitors..

Do not Modified or sale.  
Use it at your own risk..

Designed by: Waldo Pulanco  
A lot of information about mp4 and ipod player go to <http://mympxplayer.com>  
firmware for ipod go to <http://www.s1fw.com> or <http://www.s1mp3.org>

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I manually Trace this PMP Schematic Diagram for those who's not familiar With the connection of this circuit. This diagram is base on the board AJ262\_V2, All the product of PMP sunplus SPMP3050 Or SPMP3052 are allmost likely similar to the connection of a circuit with any kind of PMP Board with the CPU of Sunplus Product. Using this diagram you may trace the connection of the following electronic Devices such as LCD, Camera, MMC Reader, Power Regulator, Audio IC, CPU, DRAM, Flash Memory, Keypad Connection, FM Module and other passive devices.

Troubleshooting: i commonly encounter this problem with all kind of PMP MP4 Player. This is a basic troubleshoot only.

Loading Only: Reprogram it using FRM Pro.

Power lead indicate but does't power ON: try to connect to pc using Camera mode. if does not detect, it means the problem is in the hardware. check the voltage from CPU pin # 163 while holding the power switch, (2 volts in this pin). if low voltage or no voltage, try to change H186F1 (5 PIN) from voltage regulator, if no change, i think the CPU is Partially sorted. if the voltage of 2 volt in the pin # 163 is present. go to CPU pin # 9, check the voltage in this pin, if the voltage is 3volt to 3.5 volt it is good, if the voltage is low, try to change H583F1 (5 PIN) from voltage regulator. if no change i think the CPU or DRAM or Flash Memory or Camera or MMC reader is Partially sorted. If the voltage is ok, try to reheat the CPU and DRAM.

Battery low but the battery is full charge: Try to change Q2 212T (3 pin).

cannot power on with the battery but power on with the charger: check the battery if expired, Check the voltage at VBB from output of Q2. IF very low voltage replace Q2.

No Audio Output: Check the Speaker if ok, replace U5 Audio IC. If no effect, replace Q3 and Q4.

No Display: Try to change LCD with the same LCD Plate #. if no effect, try to reheat the CPU from pin # 109 to 162.

No Camera Luminance: try to reheat CPU from pin # 3 to pin # 25. if no change, replace the camera with the same Camera plate #.

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