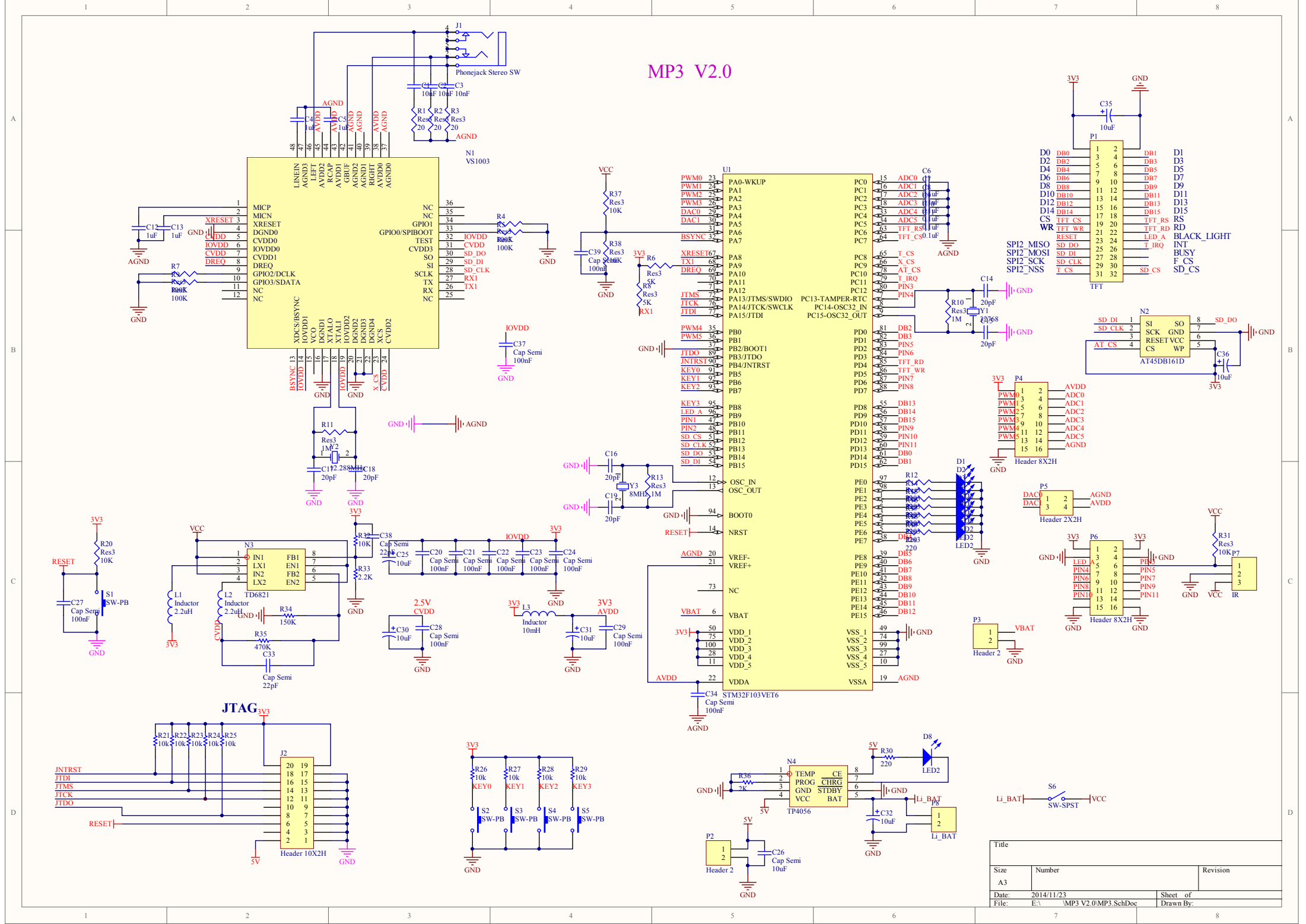
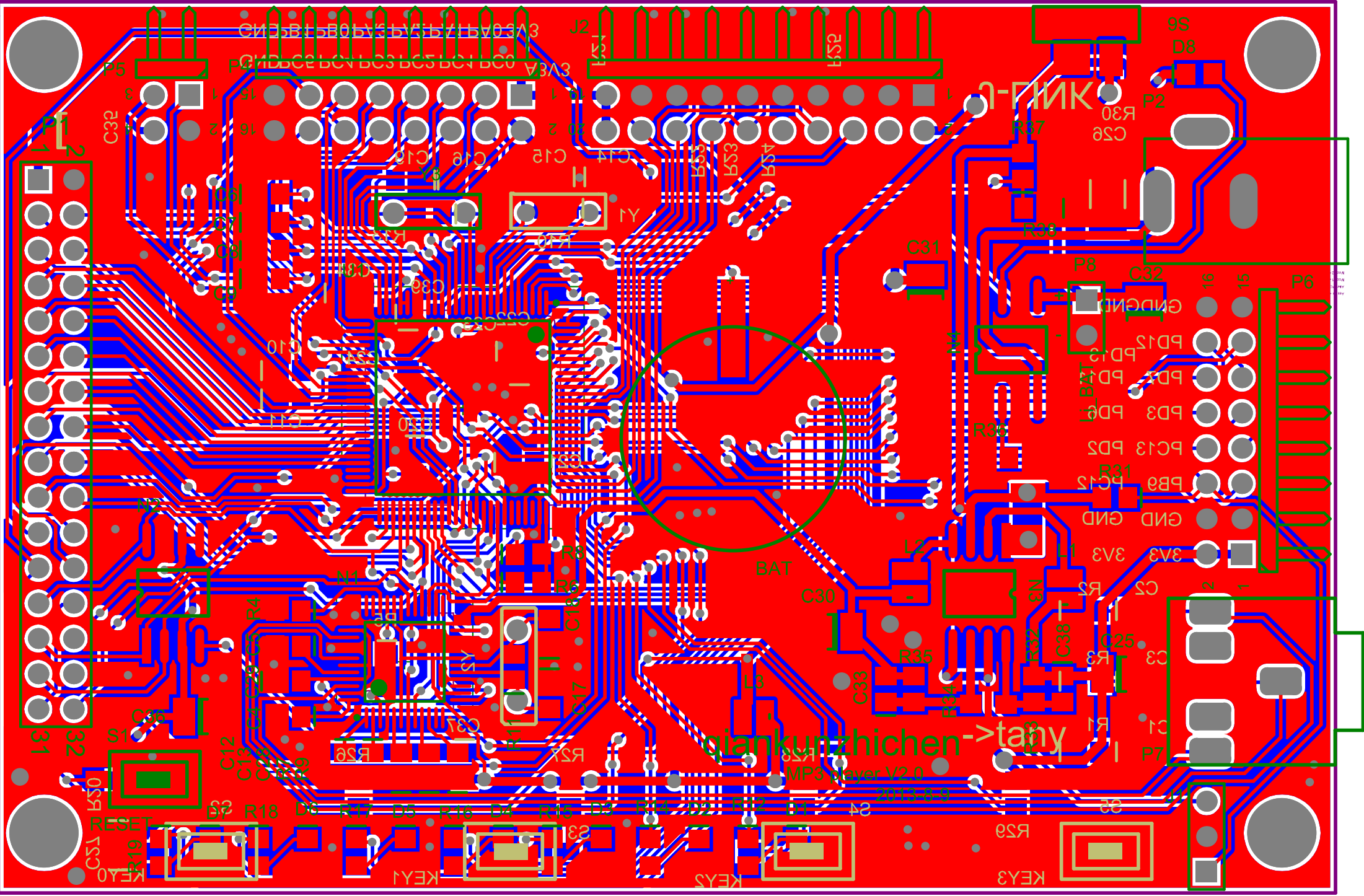


MP3 V2.0



Title		
Size	Number	Revision
A3		
Date:	2014/11/23	Sheet of
File:	E:\MP3 V2.0\MP3 SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
	Capacitor (Semiconductor SIM Model)	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17,	C0805	Cap Semi	19
Cap Semi	Capacitor (Semiconductor SIM Model)	C20, C21, C22, C23, C24, C26, C27, C28, C29, C33, C34, C37, C38, C39	C0805	Cap Semi	14
10uF	Polarized Capacitor (Radial)	C25, C31, C32, C35, C36	C1210	Cap Pol1	5
10uF	Polarized Capacitor (Radial)	C30	C0805	Cap Pol1	1
LED2	Typical RED, GREEN, YELLOW, AMBER	D1, D2, D3, D4, D5, D6, D7, D8	C0805	LED2	8
Phonejack Stereo SW	3-Conductor Jack with 2 break contacts (normals) and 2 auxiliary make contacts	J1	ST-3150-5N	Phonejack Stereo SW	1
Header 10X2H	Header, 10-Pin, Dual row, Right Angle	J2	HDR2X10H	Header 10X2H	1
Inductor	Inductor	L1, L2, L3	0402-A	Inductor	3
VS1003		N1	LQFP48_L	VS1003	1
AT45DB161D		N2	AT45DB161B	AT45DB161B	1
TD6821		N3	AT45DB161B	TD6821	1
TP4056		N4	AT45DB161B	TP4056	1
TFT	Header, 16-Pin, Dual row	P1	HDR2X16	Header 16X2	1
Header 2	Header, 2-Pin	P2, P3	HDR1X2	Header 2	2
Header 8X2H	Header, 8-Pin, Dual row, Right	P4, P6	HDR2X8H	Header 8X2H	2
Header 2X2H	Header, 2-Pin, Dual row, Right	P5	HDR2X2H	Header 2X2H	1
IR	Header, 3-Pin	P7	HDR1X3	Header 3	1
Li_BAT	Header, 2-Pin	P8	HDR1X2	Header 2	1
Res3	Resistor	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R31, R37, R38	C0805	Res3	23
10k	Semiconductor Resistor	R21, R22, R23, R24, R25, R26, R27, R28, R29, R32	2012[0805]	Res Semi	10
220	Semiconductor Resistor	R30	2012[0805]	Res Semi	1
2.2K	Semiconductor Resistor	R33	2012[0805]	Res Semi	1
150K	Semiconductor Resistor	R34	2012[0805]	Res Semi	1
470K	Semiconductor Resistor	R35	2012[0805]	Res Semi	1
2K	Semiconductor Resistor	R36	2012[0805]	Res Semi	1
SW-PB	Switch	S1, S2, S3, S4, S5	BUTTON-SMD	SW-PB	5
SW-SPST	Single-Pole, Single-Throw	S6	SPST-2	SW-SPST	1
STM32F103VET6	STM32 ARM- based 32-bit MCU with 64 Kbytes Flash, 100-pin LQFP, Industrial	U1	LQFP100_N	STM32F103VBT6	1
32768	Crystal Oscillator	Y1	AXIAL-0.3	XTAL	1
12.288MHz	Crystal Oscillator	Y2	AXIAL-0.3	XTAL	1
8MHz	Crystal Oscillator	Y3	AXIAL-0.3	XTAL	1