



Title		
Size	Number	Revision
A4		
Date:	2011/9/5	Sheet of
File:	E:\PCB\VS1003B\VS1003B.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
104	Capacitor	C1.AVDD, C1.CVDD, C1.IO, C2.AVDD, C2.CVDD, C2.IO, C3.AVDD, C3.CVDD, C3.IO, C4.CVDD, RT.C3	0603	C_0603, Cap	11
103	Capacitor	C1.ear, C2.ear, C3.ear	0603	Cap	3
10nF	Capacitor	C1.LINE	0603	Cap	1
1uF	Capacitor	C1.MIC, C1.RCAP, C2.LINE, C2.MIC	0603	Cap	4
100pF	Capacitor	C3.MIC	0603	Cap	1
10uF	Capacitor	C4.MIC, C5.MIC	ws_3225_1	Cap2	2
3.5mm_earphone		H1, H2	3.5mm_earphone	3.5mm_earphone	2
LED_0805		LED1.GPIO, POW LED1	0805_LED	LED_0805	2
MIC		M1	MIC	MIC	1
SPI		P1	SIP6_LyingFather X2	Header 6X2	1
Header 4	Header, 4-Pin	P2	SIP4	Header 4	1
Header 2	Header, 2-Pin	P3	SIP2	Header 2	1
330	Resistor	PWRLED.R1, R5.GPIO	0603	R_0805	2
20R	Resistor	R1.ear, R2.ear, R3.ear	0603	Res1	3
100K	Resistor	R1.GPIO, R2.GPIO, R3.GPIO, R4.GPIO, R5	0603	Res1	5
470R	Resistor	R1.LINE	0603	Res1	1
1K	Resistor	R1.MIC, R2.MIC, R3.MIC, R4.MIC	0603	Res1	4
0	Resistor	R2, R4, R8, R9	0603	Res1	4
105	Capacitor	RT.C1, RT.C2	0603	C_0603	2
VS1003B		U1	TQFP48	VS1003B	1
RT9166A-25PXL		U2	SOT-89	RT9166A-25PXL	1
12.288MHz	Crystal Oscillator	X1	CRYSTAL2	XTAL0	1
33pF	Capacitor	XTAL.C1, XTAL.C2	0603	C_0805	2
1M	Resistor	XTAL.R1	0603	R_0805	1