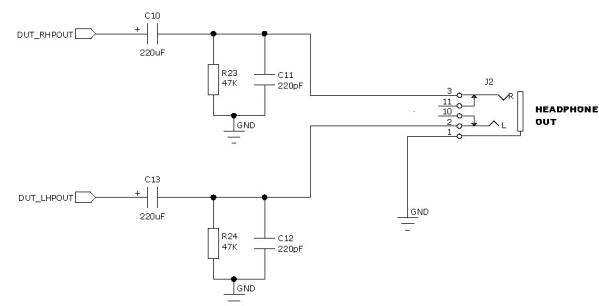
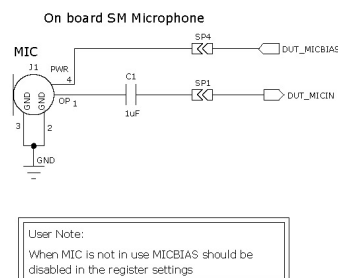


<b>DOC TYPE:</b>	Schematic and Layout
<b>BOARD REFERENCE:</b>	WM8731L-6061-FL28-M
<b>BOARD TYPE:</b>	Customer Mini Board
<b>WOLFSON DEVICE(S):</b>	WM8731
<b>DATE:</b>	November 2007
<b>DOC REVISION:</b>	Rev 1.0

[illegible]



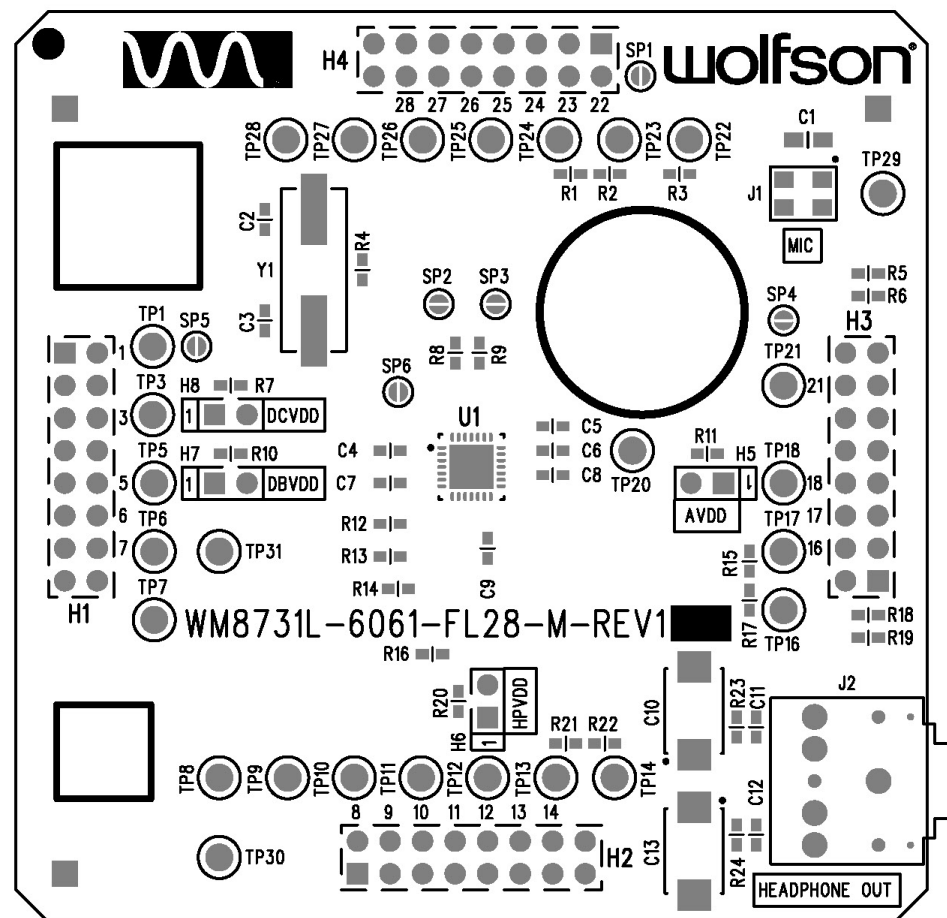
REFERENCE TABLES			
	Short	Open	
H5-B	AVDD to DUT	No AVDD to DUT	
PCB Ref:	AVDD		No Fit
	Short	Open	
H6-B	HPVDD to DUT	No HPVDD to DUT	
PCB Ref:	HPVDD		No Fit
	Short	Open	
H7-B	DBVDD to DUT	No DBVDD to DUT	
PCB Ref:	DBVDD		No Fit
	Short	Open	
H8-B	DCVDD to DUT	No DCVDD to DUT	
PCB Ref:	DCVDD		No Fit

## Sheet 3 Reference Tables (Jumpers)

## Bill Of Materials (BOM)

<i>Item</i>	<i>RefDes</i>	<i>Description</i>	<i>Total Qty</i>	<i>Manufacturer</i>	<i>Manufacturer's Part Number</i>
1	J2	3.5mm Jack Socket 6.5mm Centre Height	1	Technik Industrial	TSH-3565-PBT-TIC-T
2	J1	Silicon Surface Mount Microphone, Unamplified	1	Knowles Acoustics	SPM0102NE3-2
3	C4 C5 C6 C7 C8 C9	4.7uF 0603 SMD Ceramic Capacitor 6.3V X5R	6	Murata	GRM188R60J475KE19D
4	MISC2	Lead-free label, 15mm round	1	Brady	805794
5	C10 C13	Tantalum Capacitor SMD-D 220uF - 10V - AVX	2	AVX	TAJD227K010R
6	C11 C12	220pF 0603 SMD Ceramic Capacitor 50V NPO	2	AVX	06035A221JAT2A
7	C2 C3	15pF 0603 SMD Ceramic Capacitor 50V X7R	2	Phycomp	2238 867 15159
8	R12	100R 0603 SMD chip resistor 1% 0.063W	1	Multicomp	MC 0.063W 0603 1% 100R
9	R4	1M 0603 SMD chip resistor 1% 0.063W	1	Multicomp	MC 0.063W 0603 1% 1M
10	R13 R14 R16	33R 0603 SMD chip resistor 1% 0.063W	3	Multicomp	MC 0.063W 0603 1% 33R
11	R8 R9 R23 R24	47K 0603 SMD chip resistor 1% 0.063W	4	Multicomp	MC 0.063W 0603 1% 47K
12	R1 R2 R3 R5 R6 R7 R10 R11 R15 R17 R20 R21 R22	0R 0603 SMD chip resistor 1% 0.063W	13	Multicomp	MC 0.063W 0603 0R
13	C1	1uF 0805 SMD Ceramic Capacitor 10V X7R	1	Multicomp	N0805R105KCT
14	Y1	12.0MHz GSX49-4/351BF SM Crystal 12pF	1	Golledge	GSX49-4/351BF 12.0MHz
15	H1 H2 H3 H4	2x8 2.54mm pitch PCB Socket Strip VERTICAL	4	SAMTEC	SSQ-108-02-G-D
16	U1	WM8731L Audio CODEC with Headphone Driver QFN	1	Wolfson Microelectronics	WM8731EFL
17	PCB1	PCB	1	Kelan	WM8731L-6061-FL28-M-REV1

## Layout



SILKSCREEN TOP

## Application Support

If you require more information or require technical support, please contact the Wolfson Microelectronics Applications group through the following channels:

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Mail: Applications Engineering at the address on the last page

or contact your local Wolfson representative.

Additional information may be made available on our web site at: <http://www.wolfsonmicro.com>

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