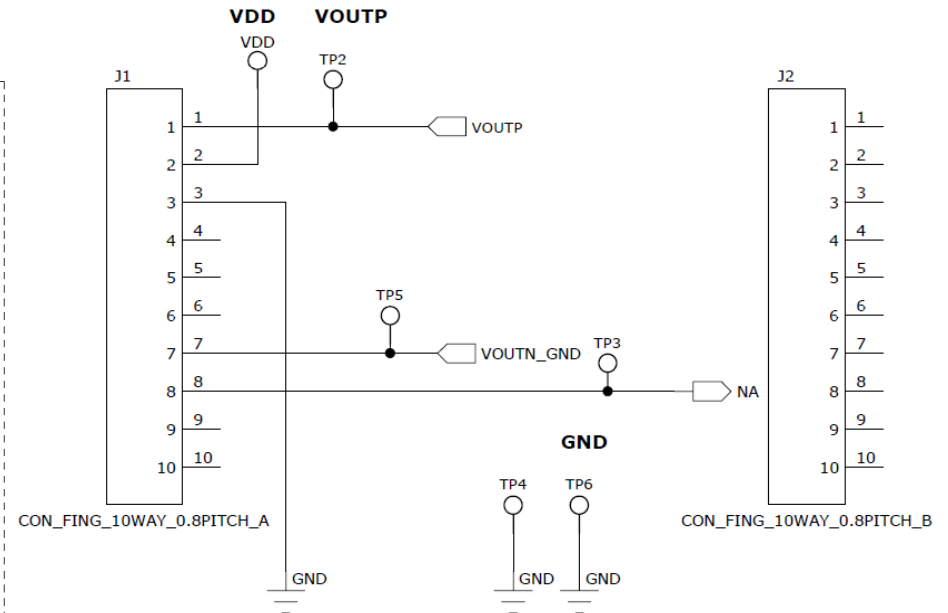
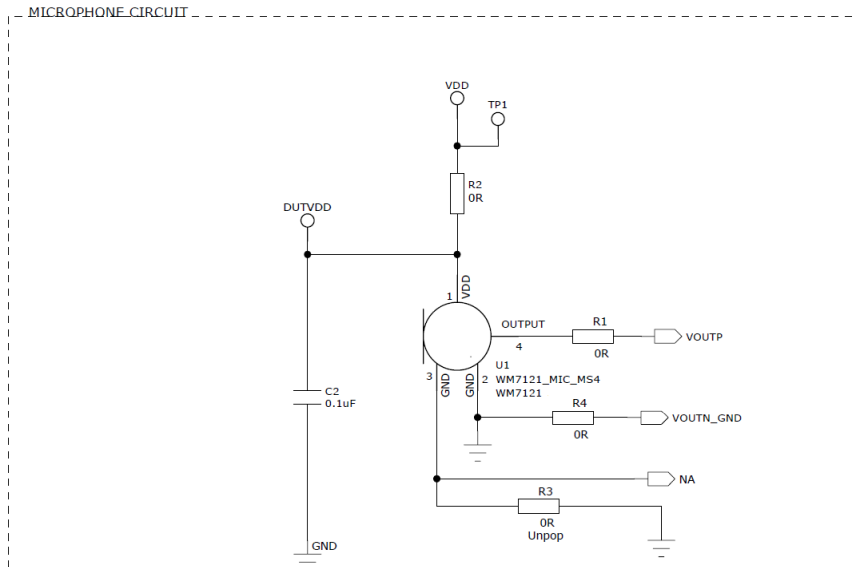


DOC TYPE:	SCHEMATIC AND LAYOUT
BOARD REFERENCE:	WM7121-1701-MS4-M-REV1
BOARD TYPE:	Customer Mini
WOLFSON DEVICE(S):	WM7121
DATE:	January 2013
DOC REVISION:	Rev 1.0

SCHEMATIC

Sheet 1: WM7121



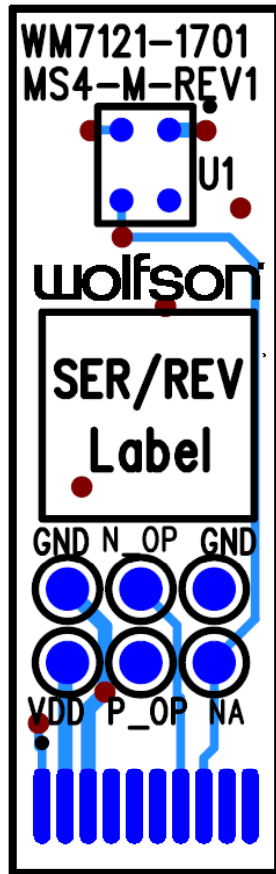
BILL OF MATERIALS(BOM)

<i>Item</i>	<i>RefDes</i>	<i>Description</i>	<i>Manufacturer</i>	<i>Manufacturer's Part Number</i>
1	C2	0.1uF 0603 SMD Ceramic Capacitor 16V X7R	Phycomp	2238 786 15649
2	R1	0R 0603 SMD chip resistor 1% 0.063W	Multicomp	MC 0.063W 0603 0R
3	R4	0R 0603 SMD chip resistor 1% 0.063W	Multicomp	MC 0.063W 0603 0R
4	R2	0R 0805 SMD chip resistor 1% 0.1W	Multicomp	MC 0.1W 0805 0R
5	U1	WM7121 Top Port Analogue Silicon Microphone	Wolfson Microelectronics	WM7121
6	PCB1	PCB	ZOT Engineering	WM7121-1701-MS4-M-REV1
Unpop				
7	J1	1x10 0.8mm Top Side Edge Finger Connector		
8	J2	1x10 0.8mm Bottom Side Edge Finger Connector		
9	TP1, TP2, TP3, TP4,TP5,TP6	1.0mm PCB Hole test point		
10	R3	0R 0603 SMD chip resistor 1% 0.063W	Multicomp	MC 0.063W 0603 0R

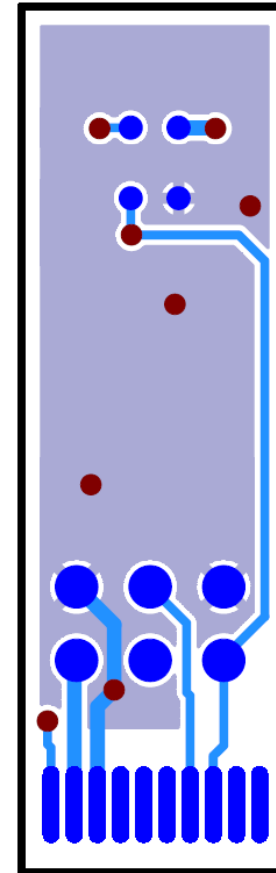
PCB LAYOUT



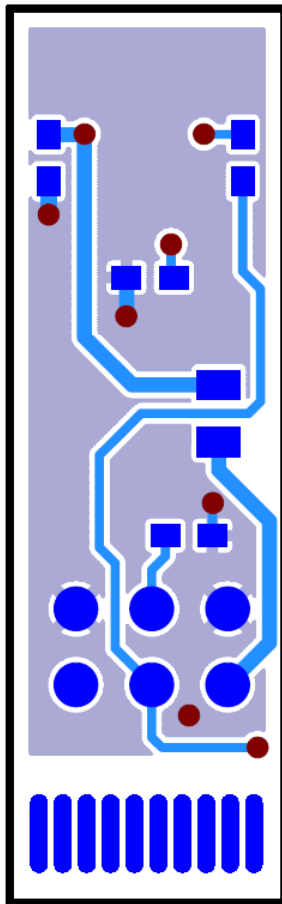
Top Layer: Overview



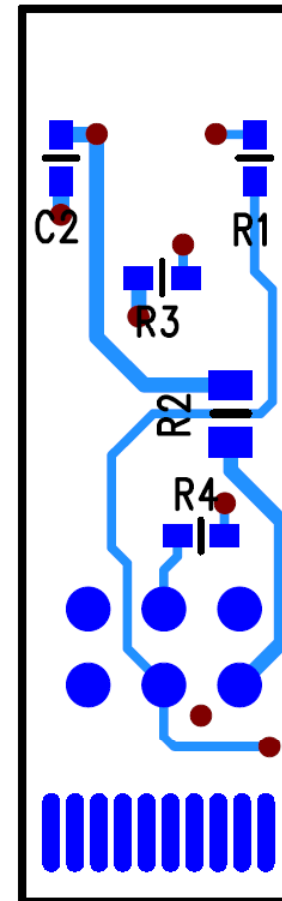
Top Layer: Silkscreen + Copper



Top Layer: Copper



Layer 2: Copper



Layer 3: Copper



WM7121-1701-MS4-M-REV1

Schematic and Layout

TECHNICAL SUPPORT

If you require more information or require technical support, please contact the nearest Wolfson Microelectronics regional office:

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