

**Bill of Materials  
for  
LM4670-SDA Demo Board**

2/1/2005

Assembly Notes:

- No special considerations.

Symbol	Value	Tolerance	Type/Description	Comment/Supplier	Part #
R <sub>i1</sub> , R <sub>i2</sub>	150kΩ	0.1%	1/10 Watt, Size code: 0805		
R <sub>L</sub>	301Ω	1%	1/10 Watt, Size code: 0805		
C <sub>i1</sub> , C <sub>i2</sub>	0.1μF	10%	16V Ceramic X7R, Size code: 0805		
C <sub>F1</sub> , C <sub>F2</sub>	0.022μF	10%	50V Ceramic, Size code: 0805		
C <sub>S1</sub> , C <sub>S2</sub>	1μF	10%	16V Tantalum, Size code: 3216	Only one C <sub>S</sub> is populated	
L <sub>1</sub> , L <sub>2</sub>	1,000μH	15%	SMD inductor	API Delevan	SPD74-105M
J <sub>1</sub> - J <sub>6</sub>			2X1 0.100" header, Vertical Mount	Input, V <sub>DD</sub> /GND, Speaker output, Measurement output, Input capacitor bypasses	
J <sub>7</sub>			3X1 0.100" header, Vertical Mount	Shutdown control	
			0.100 " Jumper Shunt 2 position		