

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

6/5/2004

Assembly Notes:

- No special considerations.

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