

ON Semiconductor



Bill of Materials for the NCP1381 Evaluation Board

7/17/2007

| Designator | Quantity | Description | Value | Tolerance | Footprint | Manufacturer | Manufacturer Part Number | Substitution Allowed | Lead Free |
|------------|----------|-------------------|-----------------|-----------|-----------|--------------------------------------|--------------------------|----------------------|-----------|
| | 1 | Demo Board | --- | --- | --- | Advanced Circuits | NCV8675 Demo Board | No | Yes |
| NCV8675 | 1 | Device Under Test | --- | --- | D2PAK | On Semiconductor | NCV8675DS50G | No | Yes |
| | 1 | 5 Pin Connector | --- | --- | --- | Molex/Waldom Electronics Corporation | 22-28-8052 | Yes | Yes |
| Cin | 1 | Capacitor | 0.1 μ F | 0.1 | 1206 | Yageo Corp. | CC1206KRX7R9BB104 | Yes | Yes |
| Cout | 1 | Capacitor | 22 μ F | 0.1 | 1206 | Murata Electronics North America | GRM31CR60J226KE19L | Yes | Yes |
| Cdelay | 1 | Capacitor | 47 nF | 0.1 | 1206 | Yageo Corp. | CC1206KRX7R9BB473 | Yes | Yes |
| Rreset | 1 | Resistor | 4.99 K Ω | 0.01 | 1206 | Yageo Corp. | RC1206FR-074K99L | Yes | Yes |