

ON Semiconductor



Bill of Materials for the NCP171AMX080060TCG Demo Board

| Designator | Quantity | Description | Value | Tolerance | Footprint | Manufacturer | Manufacturer Part Number | Substitution Allowed | Lead Free |
|------------|----------|---------------------------|--------------------|-----------|-----------|------------------|--------------------------|----------------------|-----------|
| CIN | 1 | Capacitor MLCC, X7R | 1.0 uF/16V | 10% | 0805 | SAMSUNG | CL21B105KOFNNN | Yes | Yes |
| COUT | 1 | Capacitor MLCC, X7R | 1.0 uF/16V | 10% | 0805 | SAMSUNG | CL21B105KOFNNN | Yes | Yes |
| LDO1 | 1 | LDO regulator | 0.8 V/ 0.6 V | | XDFN-4 | ON Semiconductor | NCP171AMX080060TCG | No | Yes |
| Pin | 2 | RM 2.54 mm, PCB pin's (3) | Jumper - PCB pin's | - | 2.54mm | Harwin | M20-9990305 | Yes | Yes |
| Jumper | 2 | Jumper, RM 2.54 mm | Jumper | - | 2.54mm | Harwin | M7686-05 | Yes | Yes |
| Pin | 10 | Pin 0.6mm | - | - | 0.6mm | Various | Various | Yes | Yes |