

ON Semiconductor



Bill of Materials for the NCP133AMXADJT CG Demo Board

| Designator | Quantity | Description | Value | Tolerance | Footprint | Manufacturer | Manufacturer Part Number | Substitution Allowed | Lead Free |
|------------|----------|---------------------------|--------------------|-----------|--------------|------------------|--------------------------|----------------------|-----------|
| CIN | 1 | Capacitor MLCC, X7R | 1.0 uF | 10% | 0805 | SAMSUNG | CL21B105KOFNNN | Yes | Yes |
| COU1 | 1 | Capacitor MLCC, X7R | 2.2 uF | 10% | 0805 | SAMSUNG | CL21B225KOFNNN | Yes | Yes |
| CB1AS | 1 | Capacitor MLCC, X7R | 0.1 uF | 10% | 0805 | SAMSUNG | CL21B104KOFNNN | Yes | Yes |
| ADJ | 1 | Adjustable Resistor | 100k0 | 10% | Through Hole | Bourns | 3296Y-1-104LF | Yes | Yes |
| LDO1 | 1 | LDO regulator | 500 mA Bias Rail | NA | XDFN6 | ON Semiconductor | NCP133AMXADJT CG | No | Yes |
| Pin | 1 | RM 2.54 mm, PCB pin's (3) | Jumper - PCB pin's | - | 2.54 mm | Harwin | M20-9990305 | Yes | Yes |
| Jumper | 1 | Jumper, RM 2.54 mm | Jumper | - | 2.54 mm | Harwin | M7686-05 | Yes | Yes |
| Pin | 8 | Pin 1.3 mm | - | - | 1.3 mm | Various | Various | Yes | Yes |