



Bill of Materials for the NCP170AXV250GEVB Evaluation Board

| Designator | Quantity | Description | Value | Tolerance | Footprint | Manufacturer | Manufacturer Part Number | Substitution Allowed | Lead Free |
|------------|----------|--------------------------|--------------------|-----------|-----------|------------------|--------------------------|----------------------|-----------|
| CIN | 1 | Mapacitor MLCC, X7R | 1.0 uF/16V | 10% | 0805 | SAMSUNG | CL21B105KOFNNN | Yes | Yes |
| COUT | 1 | Mapacitor MLCC, X7R | 1.0 uF/16V | 10% | 0805 | SAMSUNG | CL21B105KOFNNN | Yes | Yes |
| LDO1 | 1 | LDO Regulator | NCP170 2.5V | - | SOT563 | ON Semiconductor | NCP170BXV250T2G | No | Yes |
| Pin | 4 | RM 2.54mm, PCB pin's (3) | Jumper - PCB pin's | - | 2.54mm | Harwin | M20-9990305 | Yes | Yes |
| Jumper | 3 | Jumper, RM 2,54mm | Jumper | - | 2.54mm | Harwin | M7686-05 | Yes | Yes |
| Pin | 6 | Pin 0.6mm | - | - | 0.6mm | Various | Various | Yes | Yes |