



Bill of Materials for the NCP58302DSADGEVB Evaluation Board

| Designator | Quantity | Description | Value | Tolerance | Footprint | Manufacturer | Manufacturer Part Number | Substitution Allowed | Lead Free |
|------------|----------|-----------------------|-------------------|-----------|----------------|-------------------------|--------------------------|----------------------|------------|
| R1 | 1 | Resistor | 10.2 k Ω | 1% | 0805 | Rohm | MCR10EZHF1022 | Yes | Yes |
| R2 | 1 | Resistor | 10 k Ω | 1% | 0805 | Rohm | MCR10EZHF1002 | Yes | Yes |
| R3 | 1 | Resistor | 47 k Ω | 10% | 0805 | Rohm | MCR10EZHF4702 | Yes | Yes |
| C1 | 1 | Ceramic Capacitor | 10 μ F / 25 V | 20% | 1210 | Taiyo Yuden | TMK325B7106MM-T | Yes | Yes |
| C2 | 1 | Tantalum Capacitor | 10 μ F / 16 V | 20% | 1210 | Kemet | T491B106K016AT | Yes | Yes |
| IC1 | 1 | VLDO Regulator | NCP58302 | - | D2PAK-5 | ON Semiconductor | NCP58302DSADJR4G | No | Yes |