



Bill of Materials NCP1529MUTBGEVB Evaluation Board

| Designator | Quantity | Description | Value | Tolerance | Footprint | Manufacturer | Manufacturer Part Number | Substitution Allowed | Lead Free |
|----------------------|----------|-----------------------|------------------|-----------|-----------|---|--------------------------|----------------------|-----------|
| U1 | 1 | IC, Converter, DC/DC | NCP1529 | - | UDFN-6 | ON Semiconductor | NCP1529 | No | Yes |
| C1 | 1 | Ceramic capacitor | 4.7uF, 6.3V, X5R | 10% | 603 | TDK | C1608X5R0J475 | Yes | Yes |
| C2 | 1 | Ceramic capacitor | 10uF, 6.3V, X5R | 10% | 603 | TDK | C1608X5R0J106 | Yes | Yes |
| C3 | 1 | Ceramic capacitor | 18pF, 50V, COG | 5% | 603 | TDK | C1608C0G1H180 | Yes | Yes |
| R1, R2 | 2 | SMD resistor | 150k | 1% | 603 | std | std | Yes | Yes |
| P2 | 1 | Potentiometer | 1meg | 10% | | Vishay Spectrol | 63M-T607-105 | Yes | Yes |
| L1 | 1 | Inductor | 2,2uH | 20% | 1605 | Coilcraft | DO1605T-222MLB | No | Yes |
| VIN, VOUT | 4 | Connector | - | - | - | Emerson Network Power Connectivity Solutions | 111-2223-001 | Yes | Yes |
| ENABLE | 1 | 3 Pin Jumper Header | - | - | 2,54mm | TYCO/AMP | 5-826629-0 | Yes | Yes |
| | | | | | | Molex / Waldom | 90120-0160 | Yes | Yes |
| SELECT | J1 | 2x2 Pin Jumper Header | - | - | 2,54mm | TYCO/AMP | 6-166591-5 | Yes | Yes |
| | | | | | | Molex / Waldom | 90131-0140 | Yes | Yes |
| GND1, GND2 | 2 | Jumper for GND | - | - | 10,16mm | Harwin | D3082-01 | Yes | Yes |
| | | | | | | Molex / Waldom | 90120-0160 | Yes | Yes |
| EN, LX, VIN, VOUT | 4 | Test point type 3 | - | - | φ 1,60mm | Keystone | 5010 | Yes | Yes |