



ON Semiconductor

Bill of Materials for the NCP1595AGEVB Evaluation board

| Designator | Quantity | Description | Value | Tolerance | FootPrint | Manufacturer | Manufacturer Part Name | Substitution Allowed | Lead Free |
|------------|----------|----------------------------|------------|-----------|-------------------|-------------------|------------------------|----------------------|-----------|
| C1,C3,C4 | 3 | Ceramic Chip Capacitor | 22uF 6.3V | 20% | 805 | TDK | C2012X5R0J226M | YES | YES |
| C2 | 1 | Ceramic Chip Capacitor | 0.1uF 6.3V | 10% | 603 | TDK | C1608X7R1E104K | YES | YES |
| C5,C6 | 2 | Ceramic Chip Capacitor | DNP | - | 603 | - | - | N/A | N/A |
| L1 | 1 | INDUCTOR, SM | 3.3uH | 10% | 7.0mmx6.9mmx5.0mm | Wurth Electronics | 744314330 | YES | YES |
| R1 | 1 | SMT Resistor | 12.4K | 1% | 603 | DALE | CRCW060312K4FRT1E3 | YES | YES |
| R2 | 1 | SMT Resistor | 10.0K | 1% | 603 | DALE | CRCW060310K0FRT1E3 | YES | YES |
| R3 | 1 | SMT Resistor | DNP | - | 603 | - | - | N/A | N/A |
| TP97-TP106 | 10 | TESTPOINT, TH | TP | - | 125 MIL | KEYSTONE | 5007 | YES | YES |
| U1 | 1 | Synchronous Buck Regulator | NCP1595A | - | DFN 3mmx3mm | ON Semiconductor | NCP1595AMNR2G | NO | YES |