



Bill of Materials for the NCP690MN15T2GEVB LDO Demonstration Board

ON Semiconductor

| Designator | Quantity | Description | Value | Tolerance | Footprint | Manufacturer | Manufacturer Part Number | Substitution Allowed | Lead Free |
|------------|----------|------------------------------|-----------------|------------|----------------|-------------------------|--------------------------|----------------------|------------|
| C1 | 1 | Ceramic Capacitor, X7R | 10 μ F/10V | 20% | 1206 | Taiyo Yuden | LMK316B7106ML-T | yes | yes |
| C2 | 1 | Ceramic Capacitor, X7R | 0.1 μ F/50V | 10% | 1206 | Yageo PHYC | 2238 581 15656 | yes | yes |
| C3 | 1 | Ceramic Capacitor, X7R | 0.1 μ F/50V | 10% | 1206 | Yageo PHYC | 2238 581 15656 | yes | yes |
| C4 | 1 | Ceramic Capacitor, X7R | 10 μ F/10V | 20% | 1206 | Taiyo Yuden | LMK316B7106ML-T | yes | yes |
| N/A | 1 | Low Dropout Regulator | N/A | N/A | DFN 3x3 | ON Semiconductor | NCP690MN15T2G | no | yes |
| JP1 | 1 | Jumper, RM 2.54 mm | N/A | N/A | 2.54mm | Harwin | M7686-05 | yes | yes |
| N/A | 4 | Pin 1.3mm | N/A | N/A | 1.3mm | Various | Various | yes | yes |