



## Bill of Materials for the LB1846MCGEV B Evaluation Board

| Designator | Quantity | Description          | Value    | Tolerance | Footprint       | Manufacturer     | Manufacturer Part Number | Substitution Allowed | Lead Free |
|------------|----------|----------------------|----------|-----------|-----------------|------------------|--------------------------|----------------------|-----------|
| IC1        | 1        | Motor Driver         | -        | -         | SOIC10 (225mil) | ON Semiconductor | LB1846MC                 | No                   | Yes       |
| C1         | 1        | VCC Bypass capacitor | 10µF 50V | 20%       | Through Hole    | SUN Electronic   | 50ME10HC                 | Yes                  | Yes       |
| SW1-SW3    | 4        | Switch               | -        | -         | 6mm x 9mm       | MIYAMA           | MS-621-A01               | Yes                  | Yes       |
| TP1-TP11   | 12       | Test points          | -        | -         | 2.54 Pitch      | MAC8             | ST-1-3                   | Yes                  | Yes       |