



## Bill of Materials for the LB1848MGEVB Evaluation Board

| Designator | Quantity | Description          | Value    | Tolerance | Footprint           | Manufacturer     | Manufacturer Part Number | Substitution Allowed | Lead Free |
|------------|----------|----------------------|----------|-----------|---------------------|------------------|--------------------------|----------------------|-----------|
| IC1        | 1        | Motor Driver         | -        | -         | MFP10S<br>(225 mil) | ON Semiconductor | LB1848M                  | No                   | Yes       |
| C1         | 1        | VCC Bypass Capacitor | 10uF 50V | ±20%      | 5 mm x 11 mm        | SUN Electronic   | 50ME10HC                 | Yes                  | Yes       |
| SW1-SW3    | 3        | Switch               | -        | -         | -                   | Miyama           | MS-621C-A01              | Yes                  | Yes       |
| TP1-TP11   | 11       | Test points          | -        | -         | -                   | MAC8             | ST-1-3                   | Yes                  | Yes       |