

Light Controller BOM Rev4

| Component | Value | QTY | Ref Designator | Manufacturer | Part# | Cost (Unit) | Total |
|---------------------|---------------------|-----|--------------------|--------------|---------------|-------------|----------------------|
| FET | 2n7000 | 3 | M1 – M3 | Fairchild | 2N7000 | \$0.11 | \$0.33 |
| OPAMP | MC33072 | 1 | U1, A – B | ON Semi | MC33072PG | \$1.11 | \$1.11 |
| Capacitor | .33uF, 50V, Ceramic | 1 | C1 | TDK | FK24X7R1H334K | \$0.24 | \$0.24 |
| Capacitor | 10uF,50V, Ceramic | 2 | C2 | TDK | FK11Y5V1H106Z | \$0.81 | \$1.62 |
| Resistor | 1Kohm, 1/8w, 5% | 6 | R1, R2, R5, R8, R9 | Xicon | 270-1K-RC | \$0.15 | \$0.90 |
| Resistor | 4.99K, 1/8w, 5% | 4 | R3, R4, R6, R7 | Xicon | 270-4.99K-RC | \$0.15 | \$0.60 |
| Resistor | 200ohm, ¼, 5% | 9 | R10 – R18 | Xicon | 271-200-RC | \$0.13 | \$1.17 |
| <u>TOTAL</u> | | | | | | | <u>\$5.97</u> |

| Revision History |
|-------------------------------------|
| Rev4 – Reduce cost and part numbers |

Website

2N7000

MC33072PG

FK24X7R1H334K

FK11Y5V1H106Z

270-1K-RC

270-499K-RC

271-200-RC