

Bill of Materials

Product: 16 Ch. RGB LED Driver
 Revision: 0
 Updated: 12/14/2007 (Timothy D. Swieter)

| Column1 | Column2 | Column3 | Column4 | Column5 | Column6 | Column7 | Column8 | Column9 | Column10 | Column11 | Column12 |
|---------|---------|--|-------------------|------------|-------------|--------------|---|-------------|-----------|-----------|----------|
| Item # | Qty | Ref Des | Manufacturer | Mfg Part # | Distributor | Dist. Part # | Description | Package | Type | Cost | Unit |
| 1 | 3 | IC1, IC2, IC3 | Texas Instruments | TLC5940NT | - | - | 16 channel LED driver with dot correction and grayscale PWM control | 28-pin PDIP | thru-hole | sample | each |
| 2 | 3 | R1, R2, R3 | - | - | WECL | 15-03-9999 | 240 ohm resistor, 1/4 watt, 1% tolerance | - | thru-hole | HK\$ 0.50 | each |
| 3 | 33 | J1, CH-0, CH-1, CH-2, CH-3, CH-4, CH-5, CH-6, CH-7, CH-8, CH-9, CH-10, CH-11, CH-12, CH-13, CH-14, CH-15 | - | - | WECL | 11-01-1350 | ED350V-02P, 2 pin, green, screw terminal block | - | thru-hole | HK\$ 1.50 | each |
| 4 | 1 | J2 | - | - | WECL | 03-13-1402 | 2.54mm, 40x2, header pin | - | thru-hole | HK\$ 3.00 | each |
| 5 | 6 | IC1, IC2, IC3 | - | - | WECL | 09-02-0014 | 14 Pin IC socket, 0.3" wide | 14-pin PDIP | thru-hole | HK\$ 3.00 | each |
| 6 | 3 | C1, C2, C3 | - | - | WECL | ? | 0.1uF Capacitor | - | thru-hole | | each |