

## Dripelectronics LA2A PCB Parts List

| Resistors (.5 watt) |       |                      |                        |  |
|---------------------|-------|----------------------|------------------------|--|
| Quantity            | Value | Estimated Price Each | Esitimated Total Price | Comments   |
| 6                   | 1k    | \$0.12               | \$1.20                 | Estimated Quantity Price reflects Mousers 10 piece minimum |
| 2                   | 10k   | \$0.12               | \$1.20                 |  |
| 1                   | 2.7k  | \$0.12               | \$1.20                 |  |
| 1                   | 1.5k  | \$0.12               | \$1.20                 |  |
| 4                   | 68k   | \$0.12               | \$1.20                 |  |
| 1                   | 100k  | \$0.12               | \$1.20                 |  |
| 4                   | 470k  | \$0.12               | \$1.20                 |  |
| 1                   | 47k   | \$0.12               | \$1.20                 |  |
| 1                   | 22k   | \$0.12               | \$1.20                 |  |
| 4                   | 220k  | \$0.12               | \$1.20                 |  |
| 2                   | 33k   | \$0.12               | \$1.20                 |  |
| 1                   | 330k  | \$0.12               | \$1.20                 |  |
| 1                   | 6.8k  | \$0.12               | \$1.20                 |  |
| 1                   | 3.9k  | \$0.12               | \$1.20                 |  |

Mouser Part Numbers for Metal Film: 273-value of resistor (e.g. 273-47k)

| Resistors (2 watt) |                   |                      |                        |          |
|--------------------|-------------------|----------------------|------------------------|----------|
| Quantity           | Value             | Estimated Price Each | Esitimated Total Price | Comments |
| 1                  | 4.7k 2 watt aprox | \$0.50               | \$0.50                 |          |
| 1                  | 22k 2 watt        | \$0.50               | \$0.50                 |          |

| Capacitors (orange drops from triode electronics) |               |                      |                        |   |
|---|---------------|----------------------|------------------------|---|
| Quantity  | Value         | Estimated Price Each | Esitimated Total Price | Comments  |
| 2   | .1 @ 400v     | \$1.19               | \$2.38                 | (or 600v orange drops)  |
| 3   | .01 @ 500v    | \$0.70               | \$2.10                 | ceramic is used in original (Z5U type 1kv) (or 600v orange drops)                                 |
| 3   | .02 @ 500v    | \$0.60               | \$1.80                 | (or 600v orange drops)  |
| 1   | .001@ 500v    | \$0.55               | \$0.55                 | (or 600v orange drops) (reissue is silver mica)   |
| 2   | 500 pf @ 500v | \$0.70               | \$1.40                 | (for place of 510pf and 470pf caps)(mica caps work here as well)                                  |
| 2   | 10 uf@ 450v   | \$14.00              |                        | (mallory tc72 mouser #539-TC72)   |
| 1   | 100 uf@25v    | \$0.40               |                        | (reissue uses 47uf@25v)   |
| 2   | 33 uf @450v   | \$0.62               | \$1.24                 | (must be radial mount)(reissue uses 22uf@450v in place of) (mouser)                               |
| 2   | 47 uf @450v   | \$1.15               | \$2.30                 | (must be radial mount)(mouser)  |
| 2   | 50-380 pf     |                      |                        | arco 465 variable capacitors (surplus sales) (or used fixed value 150 pf is a good area for this) |

| Miscellaneous |  |                      |                        |  |
|---------------|--|----------------------|------------------------|--|
| Quantity      | Value  | Estimated Price Each | Esitimated Total Price | Comments   |
| 2             | 1n4007 diodes.                                 |                      |                        |  |
| 1             | ne-2 neon light bulb                           |                      |                        |  |
| 1             | t4b opto (from jbl)                            | \$87.00              |                        |  |
| 2             | 12ax7 (nine pin)tube sockets pcb mount         | \$1.95               | \$5.85                 | Triode Electronics Part #: 9pinpccer   |
| 1             | 6aq5a (7 pin) tube socket pcb mount            | \$1.29               |                        | Triode Electronics Part #: 7pinpccer   |
| 1             | octal socket pcb mount (relay size)            | \$2.95               |                        | Triode Electronics Part #: octal-pccergold                                       |
| 4             | standoffs (hole size is 3mm)                   |                      |                        | (radio shack)  |
| 3             | 1 meg potentiometers single turn linier taper  | \$7.49               | \$14.98                | (reissue uses 2 watt (pec brand) DigikeyPart #:rv4L105c-nd                       |
| 2             | 100k audio taper single turn                   | \$7.15               | \$14.30                | (reissue uses 2 watt (pec brand) RV4N carbon series Digikey Part #: ka1041s28-nd |
| 1             | VU meter                                       | \$99.00              |                        | Price reflects the prefered Sifam Meter  |
| 1             | case with clearance for tubes                  | \$60.00              |                        | Height: 5", Width: 17", Depth: 10" Aluminum preferred (makes life easy)          |
| 6             | solder tags w lock washer                      | \$0.15               | \$0.90                 | For groundings to case, Mouser Part #: 534-903                                   |
| 1             | xlr chassis mount socket 'in'                  | \$3.93               | \$3.93                 | Mouser Part #: 717-0300  |
| 1             | xlr chassis mount socket 'out'                 | \$4.44               | \$4.44                 | Mouser Part #: 716-0300  |
| 1             | 1 chassis mount fuse holder                    | \$3.60               |                        | Mouser Part #: 576-05710007L   |
| 1             | 3.8 amp slow blow fuse                         | \$0.50               |                        | Get a few in case you pop one  |
| 1             | chassis mount power cord socket (IEC)          | \$1.18               |                        | Mouser Part #: 161-r3019013  |
| 1             | 6v lamp and holder (aka. the unit is on light) | \$2.00               |                        | Radio Shack  |
| 9             | plastic wire ties (radio shack)                | \$2.00               |                        |  |
| 1             | power cord (mouser) or any computer power cord | \$3.00               |                        |  |

| Tubes (available at Triode Electronics) Make sure tubes are tested, or request a testing. It will help trouble shooting. |              |                      |                        |                                       |
|--|--------------|----------------------|------------------------|---------------------------------------|
| Quantity   | Value        | Estimated Price Each | Esitimated Total Price | Comments                              |
| 2  | 12ax7a tubes | \$8.95               | \$17.90                | Triode Electronics Part #: 12ax7tesla |
| 1  | 6aq5a tube   | \$7.95               |                        | Triode Electronics Part #: 6aq5el90   |
| 1  | 12bh7a tube  | \$12.95              |                        | Triode Electronics Part #: 12bh7eh    |

**Transformers (used original a-24 and ha-100x for build)**

| Quantity | Value  | Estimated Price Each | Esitmated Total Price | Comments   |
|----------|--|----------------------|-----------------------|--|
| 1        | 250-0-250 center tapped 40 milliamps l6.3v CT 2amps  | \$19.71              |                       | Allied Electronics for USA build. Part Number: 6k88vg                            |
| 1        | input xformer (compatibility pending)<br>Sowter 4383 Teletronix LA-2A Line Input Transformer   | \$60.00              |                       | <a href="http://www.prodigy-pro.com">Available at http://www.prodigy-pro.com</a> |
| 1        | output xformer (compatibility pending)<br>Sowter 8940 Teletronix LA-2A Line Output Transformer | \$95.00              |                       | <a href="http://www.prodigy-pro.com">Available at http://www.prodigy-pro.com</a> |

**Switches**

| Quantity | Value  | Estimated Price Each | Esitmated Total Price | Comments   |
|----------|--|----------------------|-----------------------|--|
| 2        | spst (on/off)                                  | \$4.95               |                       | For power and limit compress switch. Can be found at Radio Shack |
| 1        | dpdt (double pole double throw) switch (on-on) | \$2.95               |                       | Note: on-off-on doesn't work) For meter select.                  |