

## Dripelectronics LA2A PCB Parts List

<b>Resistors (.5 watt)</b>				
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)

<b>Resistors (2 watt)</b>				
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	

<b>Capacitors (orange drops from triode electronics)</b>				
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 prepered 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 #: 6aq5e190
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) 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) 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.