

Description	Value	Lehmann Part	Upgrade Part	Q.ty	Mouser		Mouser Alt. (Upgrade)		Notes	Mouser Import tool
					Code	Description	Code	Description		
Potentiometer 2x50K Log	50K Log	Alps RK27 RK27112A00CF	-	1	n/a				Buy them from reputable source	
Opamp	-	TI OPA2134PA		1	595-OPA2134PA		595-OPA2107AP		584-ADA4610-2BRZ on browndog better option	595-OPA2134PA 1
Smoothing Caps	4700uF 40V	058 57472 4700/40	Mundorf AG 4700uF 40V as in SE	2	594-MAL205657472E3	056 series				594-MAL205657472E3 2
Output buffer decoupling	470uF 25V	Nippon Chemi-Con LXZ 470/25	-	4	661-ELXZ250ELL471MJ1					661-ELXZ250ELL471MJ1 4
Opamp decoupling	470uF 25V	Nippon Chemi-Con LXZ 470/25	Elna Cerafine 100uF 25V	2	661-ELXZ250ELL471MJ1					661-ELXZ250ELL471MJ1 2
Gain Selection DIP Switch	2 position	?	-	2	642-DS02T	Apem				642-DS02T 2
Output shunt resistor	10 Ohm	Vishay MBE0414	Vishay NS01A	4	n/a		71-NS1A-10		Buy MBE0414 on eBay	71-NS1A-10 4
Opamp rails resistor	47 Ohm	Vishay MBE0414	Vishay RS01A	4	n/a		71-RS1A-47		Buy MBE0414 on eBay	71-RS1A-47 4
Input resistor	10 Kohm	Vishay MRS25	Vishay Bulk Metal Foil/Dale PTF56	2	594-MRS25000C1002FCT		71-PTF5610K000BYEK	PTF56	VAR Bulk metal foil best option	594-MRS25000C1002FCT 2
Opamp's gain resistor	2.2 Kohm	Vishay MRS25	Vishay Dale RLR07	2	594-MRS25000C2201FCT					594-MRS25000C2201FCT 2
Opamp's feedback resistor	4.7 Kohm	Vishay MRS25	Vishay Bulk Metal Foil/Dale PTF56	4	594-MRS25000C4701FCT		71-PTF564K7500BYEK	PTF56	VAR Bulk metal foil best option	594-MRS25000C4701FCT 4
Opamp's gain resistor	680 ohm	Vishay MRS25	Vishay Dale RLR07	2	594-MRS25000C6810FRP					594-MRS25000C6810FRP 2
LM317/337 current set resistor	100 ohm	Vishay MRS25	Vishay Dale PTF56/RLR07	2	594-MRS25000C1000FCT		71-PTF56100R00BYEB	PTF56	RLR07 best option	594-MRS25000C1000FCT 2
Ground isolation resistor	100 ohm	Vishay MRS25	-	1	594-MRS25000C1000FCT					594-MRS25000C1000FCT 1
LM317/337 voltage selection resistor	1.1 Kohm	Vishay MRS25	Zener 13V 1W	2	594-MRS25000C1101FRP		78-BZX85B13-TAP			594-MRS25000C1101FRP 2
Inrush limiting resistor	3.3 ohm	Vishay MRS25	-	4	594-MRS25000C3308FC1					594-MRS25000C3308FC1 4
LED driver resistor	15 Kohm	Vishay MRS25	-	1	594-MRS25000C1502FCT					594-MRS25000C1502FCT 1
BD139/140 biasing resistor	1.5 Kohm	Vishay MRS25	-	4	594-MRS25000C1501FCT					594-MRS25000C1501FCT 4
BC550/560 Biasing	47 Ohm	Vishay MRS25	-	4	594-MRS25000C4709FCT					594-MRS25000C4709FCT 4
opamp output resistor	47 Ohm	Vishay MRS25	Vishay Bulk Metal Foil/Dale RLR07	2	594-MRS25000C4709FCT				VAR Bulk metal foil best option, RLR07 second	594-MRS25000C4709FCT 2
Resettable fuse	60V 0.9A	Bourns MFR-090?		2	652-MFR090					652-MFR090 2
LM317/337 Input Decoupling polyester cap	150 nF 50V	Wima MKS2 150nF 63V		2	505-MKS2C031501A00JS					505-MKS2C031501A00JS 2
LM317/337 Output Decoupling polyester cap	150 nF 50V	Wima MKS2 150nF 63V		2	505-MKS2C031501A00JS					505-MKS2C031501A00JS 2
LM317/337 Input DecouplingC Adj polyester cap	150 nF 50V	Wima MKS2 150nF 63V	Elna Cerafine 22uF 25V	2	505-MKS2C031501A00JS					505-MKS2C031501A00JS 2
Input shunt filtering foil cap	100 pF	BC KP462 100pF/Wima FKP2	Amtrans AMCH 100pF	2	505-FKP2100/100/2.5					505-FKP2100/100/2.5 2
Input cap's bypass, Opamp decoupling bypass, foil type	22 pF	BC KP464 22nF/Wima FKP2	Not present in SE	4	505-FKP20.022/100/2					505-FKP20.022/100/2 4
Ground isolation cap foil type	1000 pF 63V	Wima FKP2 1000p 63V	-	1	505-FKP21000/100/2.5					505-FKP21000/100/2.5 1
Rectifiers snubber caps (15mm LS)	100 nF 50V	Epcos B32652 0,1uF 400V	-	4	871-B32652A4104J					871-B32652A4104J 4
Input Cap metallized polypropilene	2.2 uF	Epcos B32654 1,5uF 250V	Mundorf MCAP 2.2uF 250V as in SE	2	871-B32654A3225K	2.2uf 10%				871-B32654A3225K 2
Soft recovery rectifiers, glass passivated	-	Vishay BYV27	-	4	78-BYV27-200					78-BYV27-200 4
LM317 Positive rail regulator	-	OnSemi LM317	-	1	863-LM317TG					863-LM317TG 1
LM337 Negative rail regulator	-	OnSemi LM337	-	1	863-LM337TG	OnSemi				863-LM337TG 1
Class A Stage transistor (BD139-16)	-	Fairchild BD139-16	-	2	512-BD13916S				Buy them 10x Q.ty to be able to match them	512-BD13916S 2
Class A Stage transistor (BD140-16)	-	Fairchild BD140-16	-	2	512-BD14016S				Buy them 10x Q.ty to be able to match them	512-BD14016S 2
Class A Stage transistor (BC560C)	-	OnSemi BC560C	-	2	512-BC560CTA	Fairchild			Buy them 10x Q.ty to be able to match them	512-BC560CTA 2
Class A Stage transistor (BC550C)	-	OnSemi BC550C	-	2	512-BC550CTA	Fairchild			Buy them 10x Q.ty to be able to match them	512-BC550CTA 2
Heatsink TO-220 (120mm wide)	-	?	-	2	532-577102B00					532-577102B00 2
Heatsink TO-126 (120mm wide)	-	?	-	4	532-577404B00					532-577404B00 4
Insulator TO-220	-	?	-	6	532-43-77-9					532-43-77-9 6
TO 220 Shoulder washer	-	?	-	6	532-7721-7PPS					532-7721-7PPS 6
M3 Washer	-	?	-	6	534-3358					534-3358 6
M2.5 Screw 4/40	-	?	-	6	534-9902					534-9902 6
M2.5 Nut hex 4/40	-	?	-	6	5721-440-SS					5721-440-SS 6
Output connector slim type	-	Neutrik Slim NRJ6HH-AU	-	2	68-NRJ6HH-AU					68-NRJ6HH-AU 2
3mm Power on yellow led	-	?	-	3	593-VAOL-3MCE2					593-VAOL-3MCE2 3

Vishay Dale RLR07 resistors can be sourced from RS Components and Allied Electronics