

Mixer v111 karltrn.com/mixer 21nov10

Step	Qty	Reference(s)	Value	Note
1	2	C1, C2	10u	electro power buffer
2	2	C3, C5	100n	power decoupling, important chip or film
3	2	C4, C6	47p	could be 22p or 68p, these absorb HF oscillation and stabilize
4	1	J6	2x05 power header	prefer shrouded box header
5	6	R1, R4, R5, R6, R7, R9	100K	
6	2	R2, R3	10R	power filter/fuse optional, could jumper w/ wire or diode
7	1	R8	470R	output dropper, value variable
8	1	U1	TL072	socket first
mount steps 9-10 to faceplate before soldering				
9	5	J1, J2, J3, J4, J5	thonkiconn	switching jacks
10	5	RV1, RV2, RV3, RV4, RV5	B100K	snip tabs before installing