

JP1, JP3, JP5: Install for attenuverter (gain from  $-1$  to  $+1$ ), remove for straight attenuator (gain from  $0$  to  $+1$ )

JP2, JP4, JP6: Install to normal inputs to  $+5.0V$ , remove to normal inputs to Ground

- \* For best audio performance: Do not install any jumpers, do not install C1 – C4, and Replace TL072 with your favorite audio-quality op-amps.
- For best CV performance: use 0.1% for all 120K and 200K resistors, install 47pF caps at C1 – C4, and change C5 to 47pF
- For acceptable performance for both: use 0.1% for all 120K and 200K resistors, install 22pF caps at C1 – C4, use \$5 op amps

INPUT 1

INPUT 2

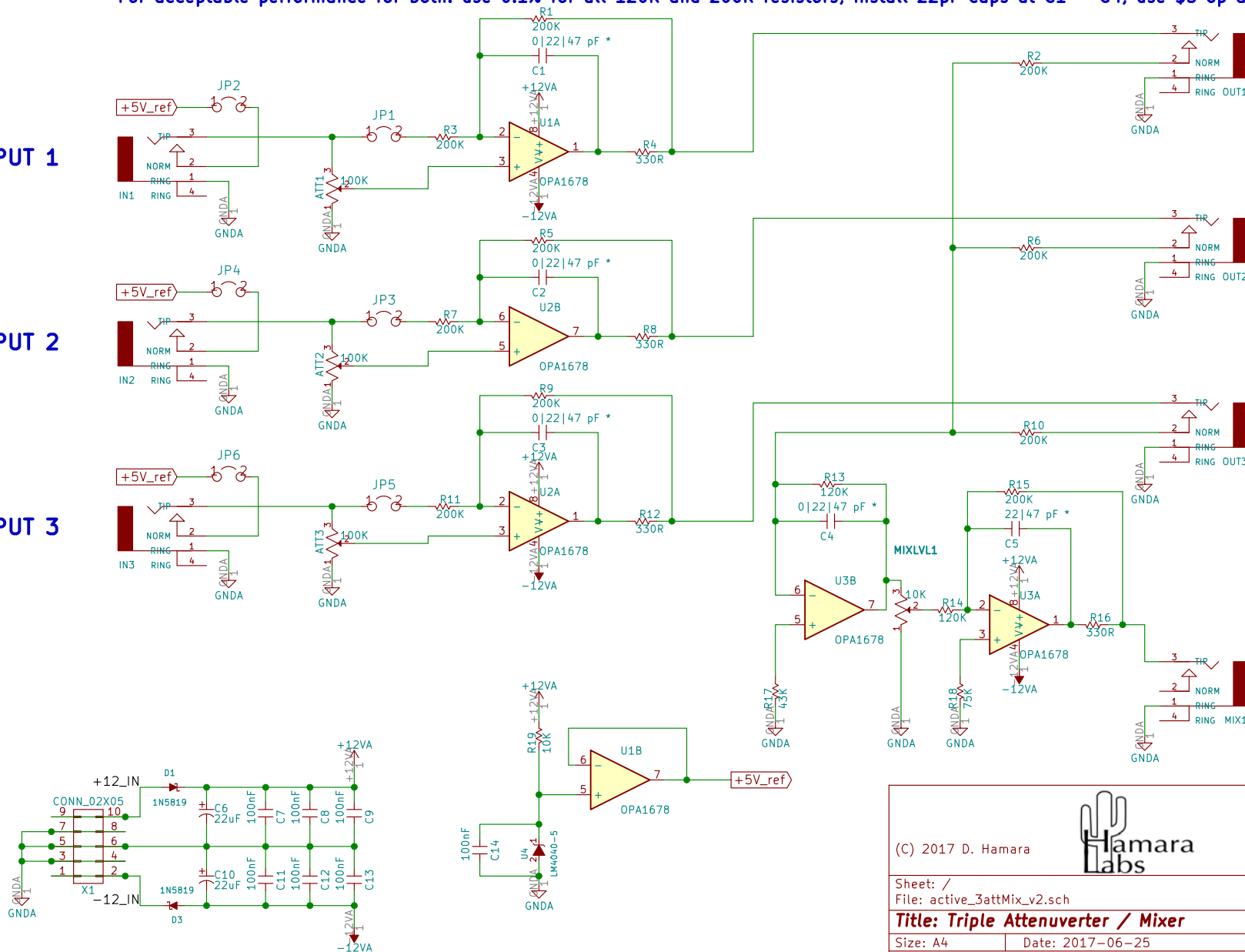
INPUT 3

OUTPUT 1

OUTPUT 2

OUTPUT 3

MIX OUT



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Sheet: /  
File: active\_3attMix\_v2.sch

**Title: Triple Attenuverter / Mixer**

Size: A4 Date: 2017-06-25

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