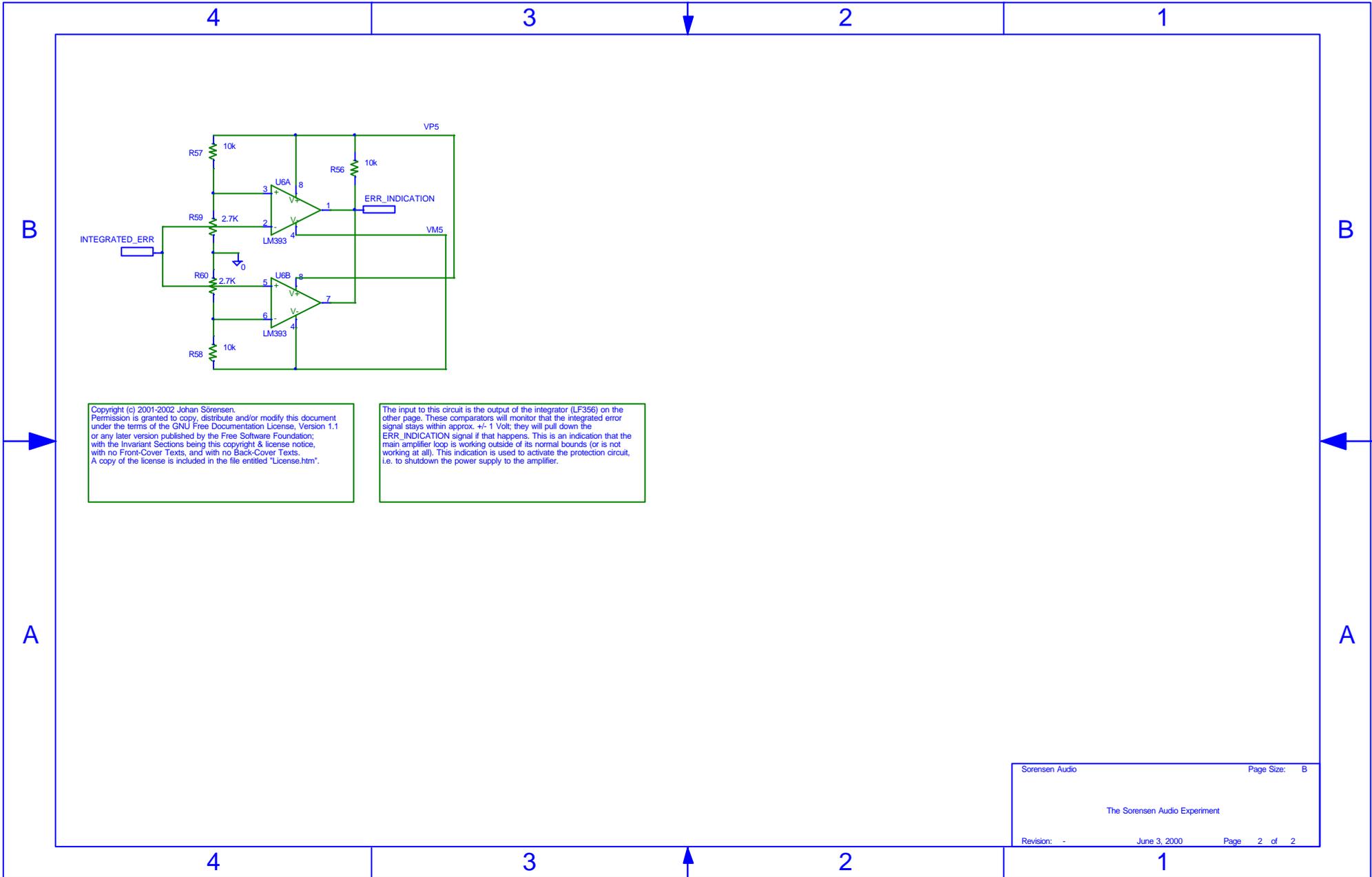


The LT1056 is there as an impedance buffer

The BF245 is there to improve the positive drive capability of the comparator output.
The single inverter U19A is just a buffer, feeding the filters/timing skew circuits that adjust the turn on of the

See the accompanying design description document for more information about the output circuit.

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The input to this circuit is the output of the integrator (LF356) on the other page. These comparators will monitor that the integrated error signal stays within approx. +/- 1 Volt; they will pull down the ERR_INDICATION signal if that happens. This is an indication that the main amplifier loop is working outside of its normal bounds (or is not working at all). This indication is used to activate the protection circuit, i.e. to shutdown the power supply to the amplifier.