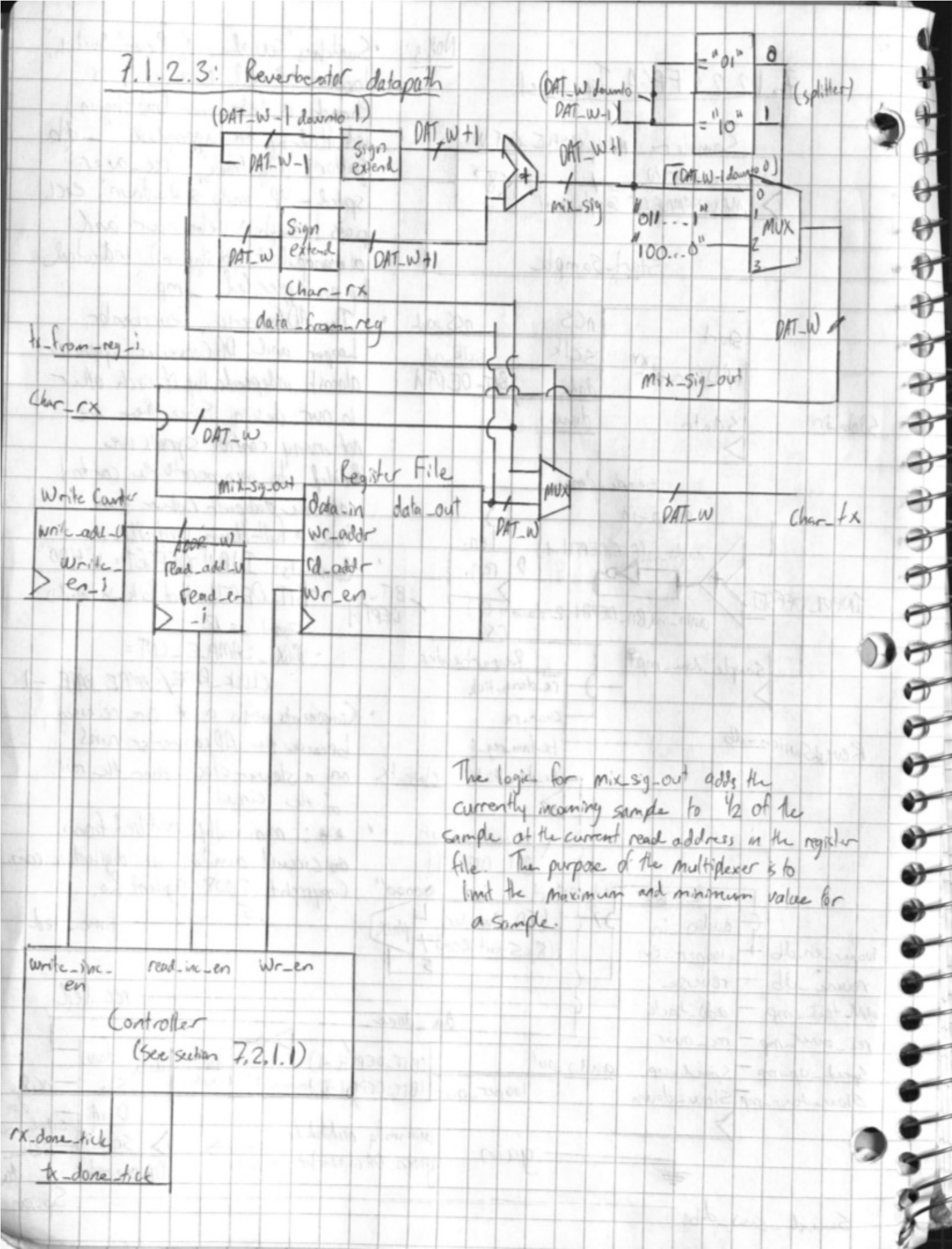
7.1.2.3: Reverbcator datapath



The logic for mix_sig_out adds the currently incoming sample to 1/2 of the sample at the current read address in the register file. The purpose of the multiplexer is to limit the maximum and minimum value for a sample.