Data Conversion Chain — 20-02-2017

V_{in} — LP — S&H — A/D — DSP — D/A — LP — V_{out}

continuous | discrete
analog | digital
digital | analog
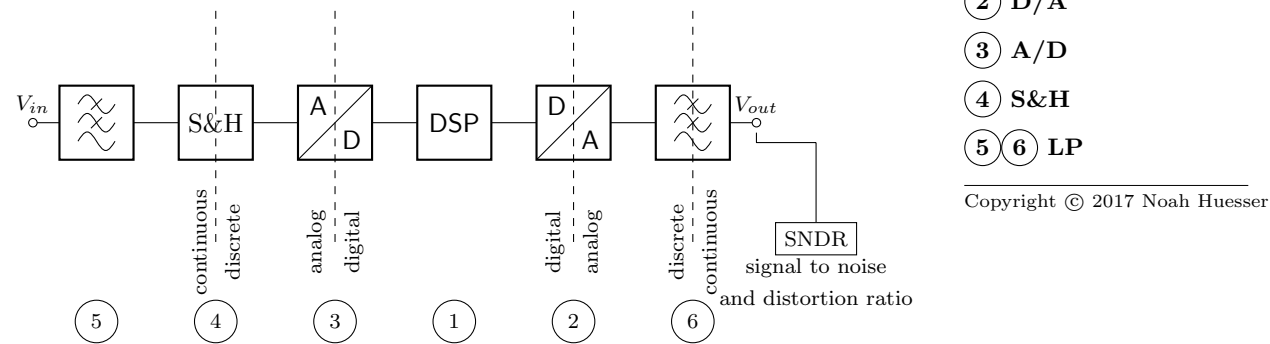discrete | continuous

SNDR
signal to noise
and distortion ratio

⑤ ④ ③ ① ② ⑥

Figure 1: A typical signal chain

① **DSP**

② **D/A**

③ **A/D**

④ **S&H**

⑤⑥ **LP**