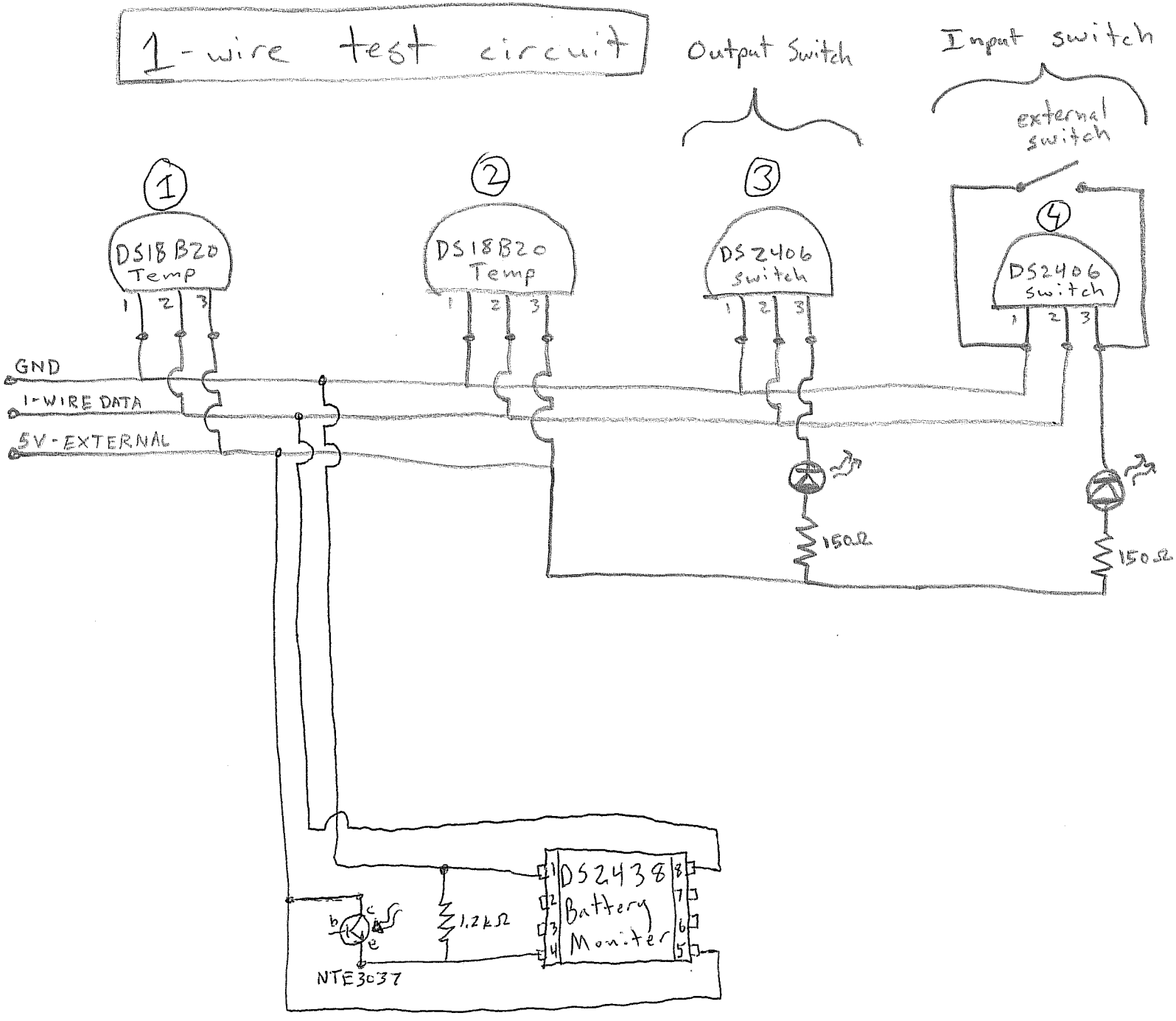1-wire test circuit