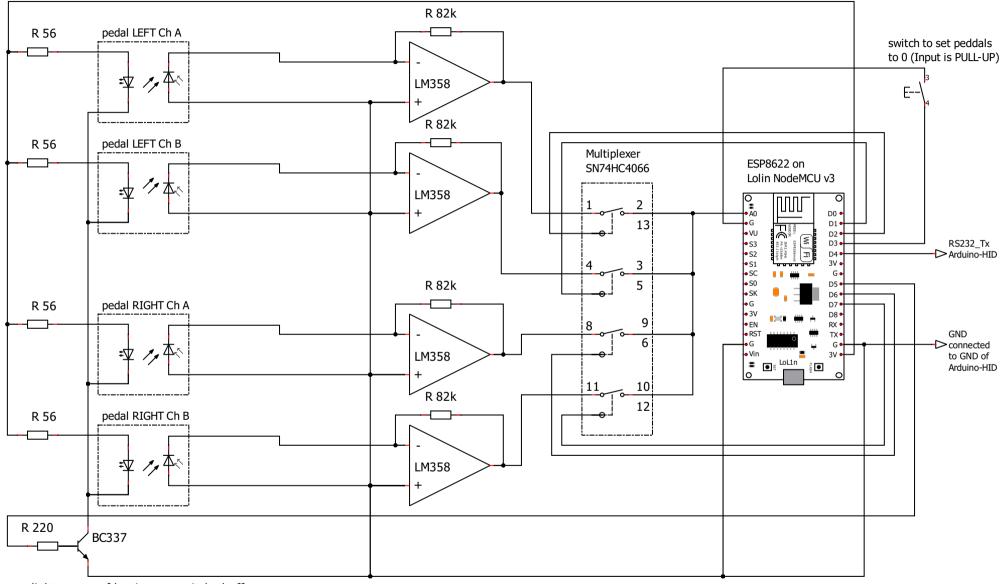
4x self built light-barrier 4 x opamp



light source of barriers are switched off to measure disturbing external (sun) light and compensate it