

note: motor on/off logic
motor is on (output low)
if not braking, pedal assist is on,
and pedaling fast enough
otherwise, motor is off (output high)

note: pedal cadence sense
cadence threshold is nominally
40rpm on/29rpm off,
with C6 installed, C5 uninstalled,
and typical 4093 Vp/Vn values
(Vp = 3.3, Vn = 2.3)

install C5+C6 to lower threshold, or
make up for 4093 Vp/Vn variation

install C5 only to raise threshold, or
make up for 4093 Vp/Vn variation __

