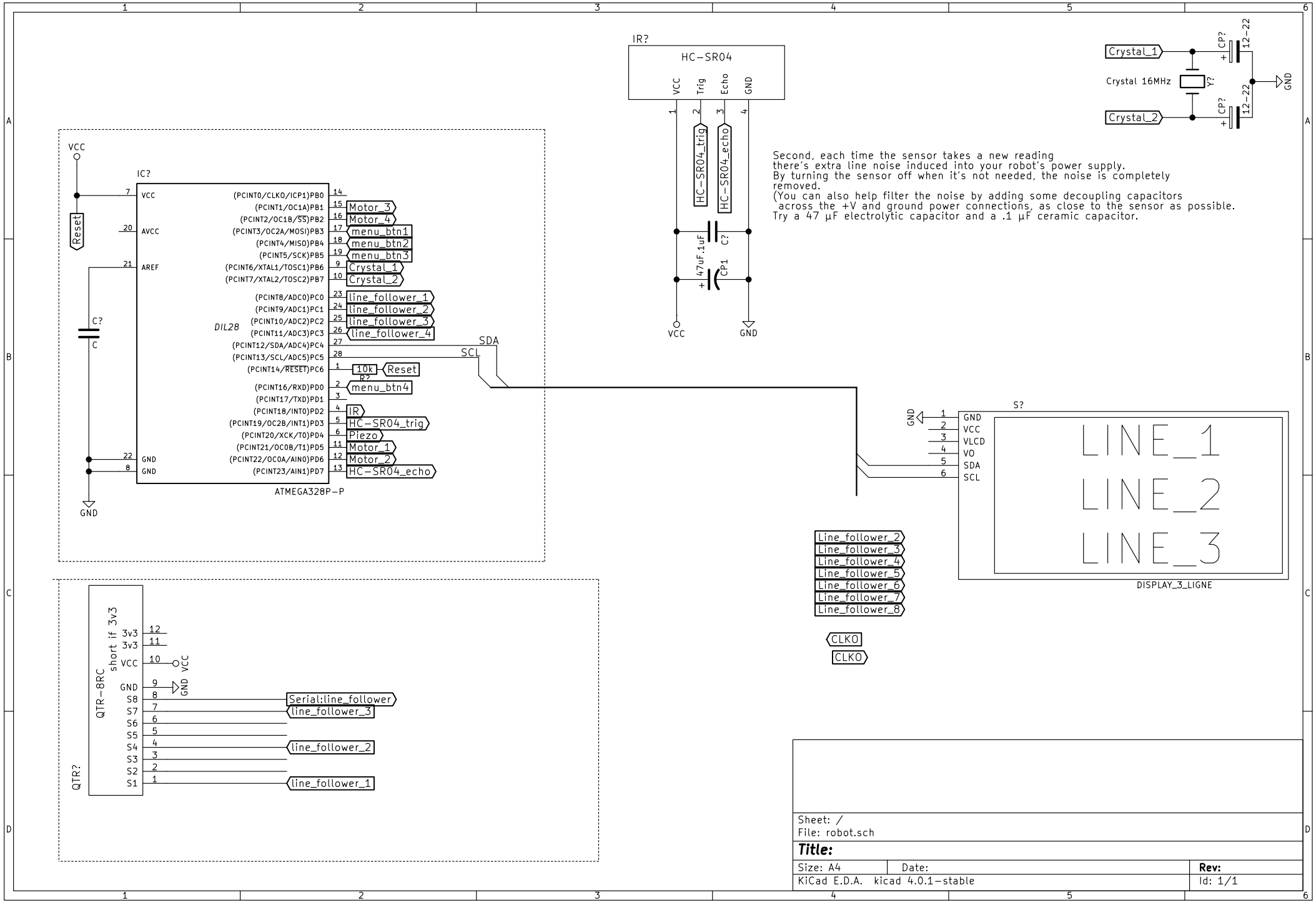

Second, each time the sensor takes a new reading
there's extra line noise induced into your robot's power supply.
By turning the sensor off when it's not needed, the noise is completely
removed.
(You can also help filter the noise by adding some decoupling capacitors
across the +V and ground power connections, as close to the sensor as possible.
Try a 47 µF electrolytic capacitor and a .1 µF ceramic capacitor.