I am using these sensors on a robot that I built. There are three QRB1134 sensors on the underside of the robot, used to follow lines or keep the robot within some bounds, and two GP2D12 sensors which are mounted on the front of the robot, allowing the robot to follow objects and avoid obstacles. I would like to learn the specifics of how these components work. I know the how to interpret the signals generated by the devices, but I don't know how these signals are generated. I think that this would be an interesting project.