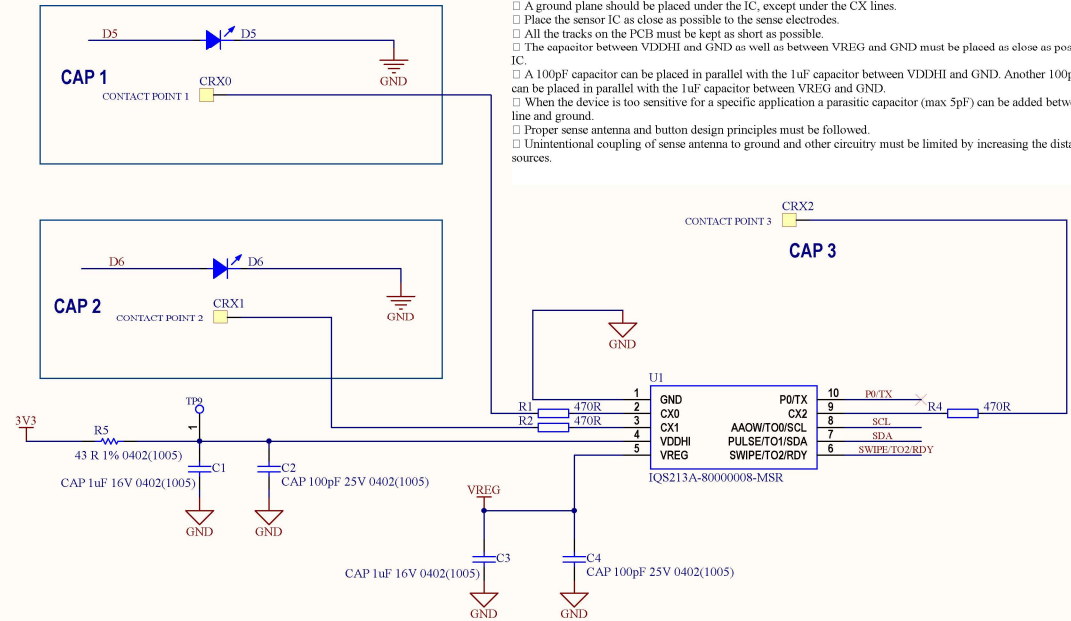
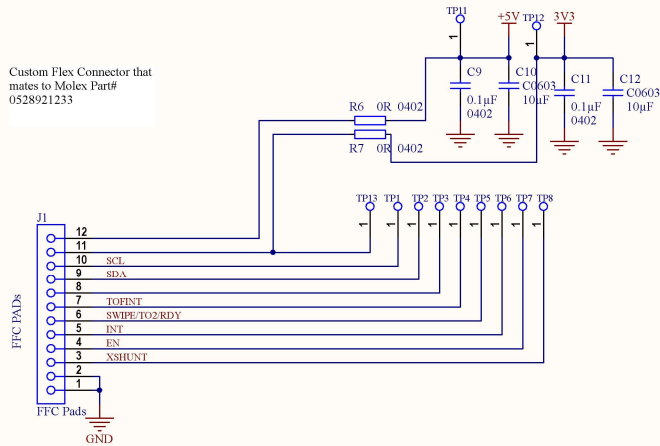


Custom Flex Connector that mates to Molex Part# 0528921233



#### Notes for Prox Sensor layout:

- A ground plane should be placed under the IC, except under the CX lines.
- Place the sensor IC as close as possible to the sense electrodes.
- All the tracks on the PCB must be kept as short as possible.
- The capacitor between VDDHII and GND must be placed as close as possible to the IC.
- A 100pF capacitor can be placed in parallel with the 1uF capacitor between VDDHII and GND. Another 100pF capacitor can be placed in parallel with the 1uF capacitor between VREG and GND.
- When the device is too sensitive for a specific application a parasitic capacitor (max 5pF) can be added between the CX line and ground.
- Proper sense antenna and button design principles must be followed.
- Unintentional coupling of sense antenna to ground and other circuitry must be limited by increasing the distance to these sources.

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Title			
SCHEMATIC, AIRZAI_LED SENSE FLEX			
Size	Number	Revision	
B	SCH-020218-001	A	
Date:	3/14/2019	Sheet 1	of X
Engineer:	FD	PCB Designer:	DFM
Check:	FD	Release:	