EEE3088F RMTDIC001 Demo Notes

FOR THE STM32

PA0-> LEFT -> LED7

PA1-> MIDDLE -> LED6

PA2-> RIGHT -> LED5

DON'T FORGET TO COMMON GROUND STM, SENSOR AND POWER SUPPLY

System Interface Input

Table 1: System Interface Table Sensor Board Input

Origin	Destination	Use
3V3 Supply	Pin 2(Sensor Board)	Power
GND Supply	Pin 3(Sensor Board)	Power
GND Supply	STM Ground Pin	Power
3V3 Supply	Pin 10(Sensor Board)	Input Power
3V3 Supply	Pin 22(Sensor Board)	Input Power
3V3 Supply	Pin 20(Sensor Board)	Input Power

System Interface Output

Table 2: System Interface Table Sensor Board Output

Origin	Destination	Use
Pin 5(Sensor Board)	PA1 STM	Front sense
Pin 7(Sensor Board)	PA2 STM	Right Sense
Pin 11(Sensor Board)	PA0 STM	Left Sense

