Sensor	Communication	Nucleo Pins		Name in circuit
SEN0374	I2C	PB8	I2C1_SCL	SEN0374_SCL
		PB7	I2C1_SDA	SEN0374_SDA
		PG4	GPIO_Output	SEN0374_RST
		PG3	GPIO_Output	SEN0374_BL-IND
		PG2	GPIO_Output	SEN0374_PS2
		PD15	GPIO_Output	SEN0374_PS1
		PD14	GPIO_Output	SEN0374_Boot
		PD13	GPIO_Output	SEN0374_INT
ESC_1	UART	PB6	USART1_TX	M1_TX
		PB15	USART1_RX	M1_RX
ESC_2	UART	PA3	USART2_RX	M2_RX
		PA2	USART2_TX	M2_TX
ESC_3	UART	PC6	USART6_TX	M3_TX
		PC7	USART6_RX	M3_RX
ESC_4	UART	PE2	USART10_RX	M4_RX
		PE3	USART10_TX	M4_TX
ESC_5	UART	PC10	UART4_TX	M5_TX
		PC11	UART4_RX	M5_RX
Raspberry Pi	UART	PB12	UART5_RX	Rpi_RX
		PC12	UART5_TX	Rpi_TX
VL53L4CD	I2C	PF0	I2C2_SDA	VL53L4CD_SDA
		PF1	I2C2_SCL	VL53L4CD_SCL
		PF2	GPIO_Output	VL53L4CD_SHUT
		PF3	GPIO_Output	VL53L4CD_INT
VL6180	I2C	PA8	I2C3_SCL	VL6180_SCL
		PC9	I2C3_SDA	VL6180_SDA
		PC8	GPIO_Output	VL6180_IO0
		PG8	GPIO_Output	VL6180_IO1
WSENS-IMU	SPI	PA5	SPI1_SCK	WSENS_SCL
		PA6	SPI1_MISO	WSENS_SAO
		PD7	SPI1_MOSI	WSENS_SDA
		PA4	GPIO_Output	WSENS_CS
ADPS-9960	I2C	PF14	I2C4_SCL	ADPS-9960_SCL
		PF15	I2C4_SDA	ADPS-9960_SDA
		PG6	GPIO_Output	ADPS-9960_INT
		PG5	GPIO_Output	ADPS-9960_VL
SX1280IMLTRT	SPI	PB10	SPI2_SCK	RF_SCK

		PC2_C	SPI2_MISO	RF_MISO
		PC3_C	SPI2_MOSI	RF_MOSI
		PE15	GPIO_Output	RF_CS