

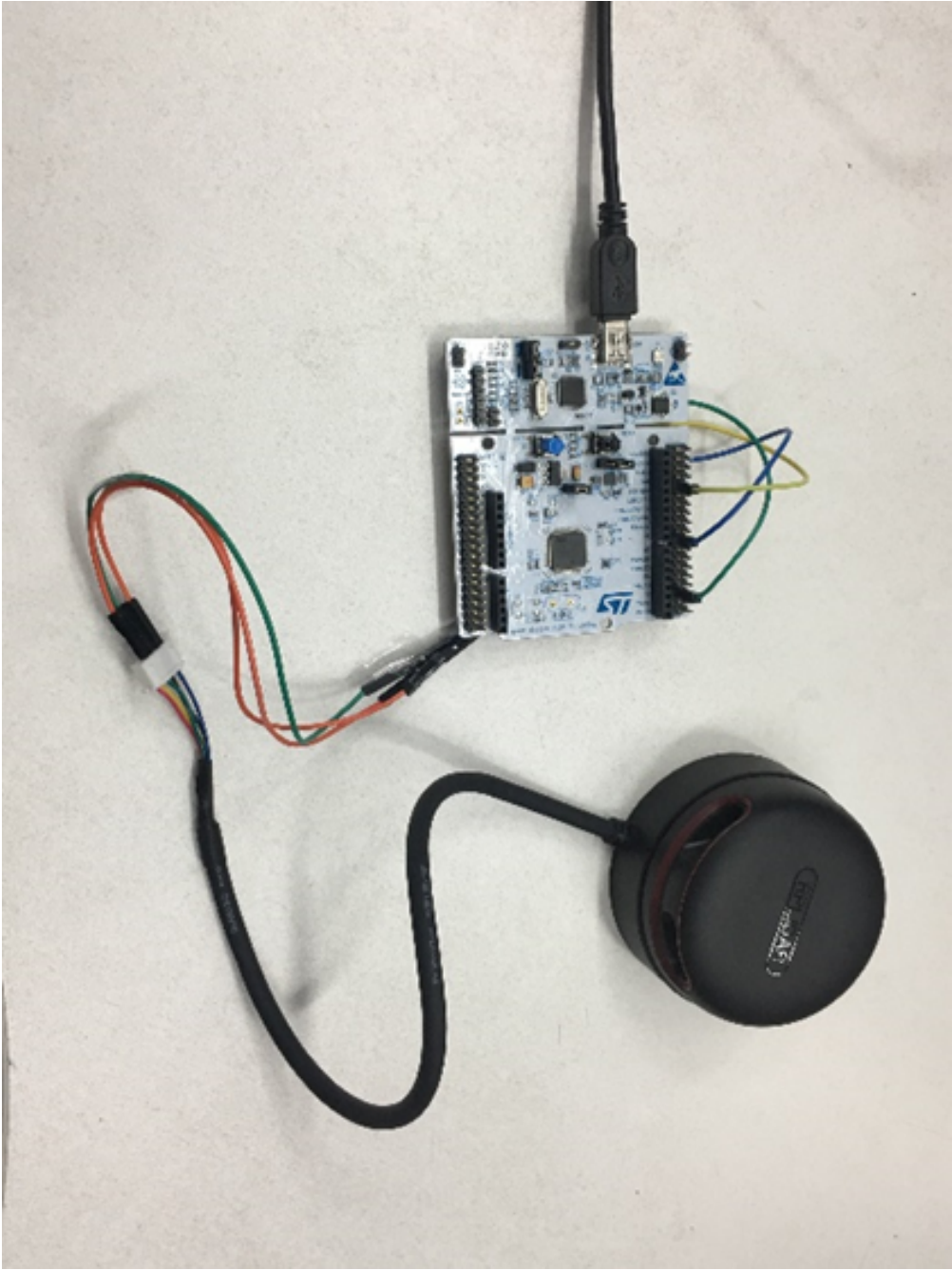
KBLD183004 STM32

RPLidar-Mcu

STM32F103RB-NucleoSTM32Cube_FWIDEIAR7.60.

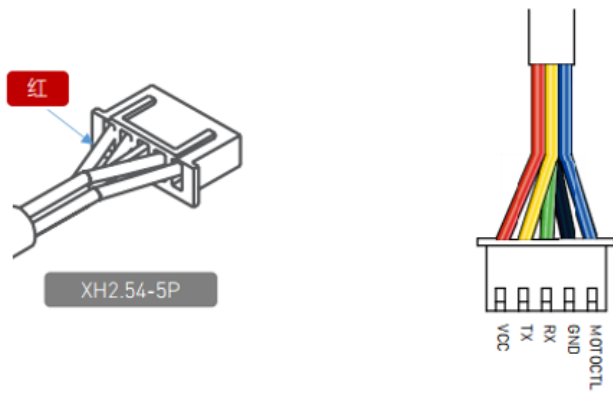
Nucleo, .

STM32Cube_FW.



RPLidar-A25RX,TX,GNDSTM32F103RB-NucleoUsart1VCCMotorctrl5VSTM32RPLidarPWM

STM325VRPLidar0.5AUSB

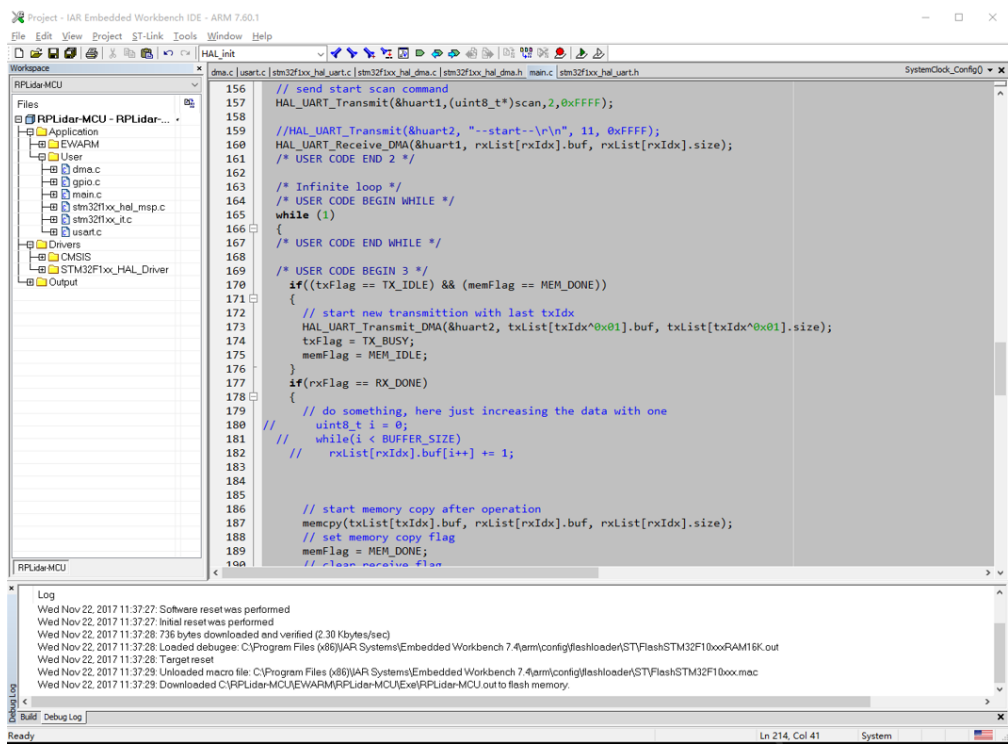


图表 2-6 RPLIDAR 电源接口定义示意图

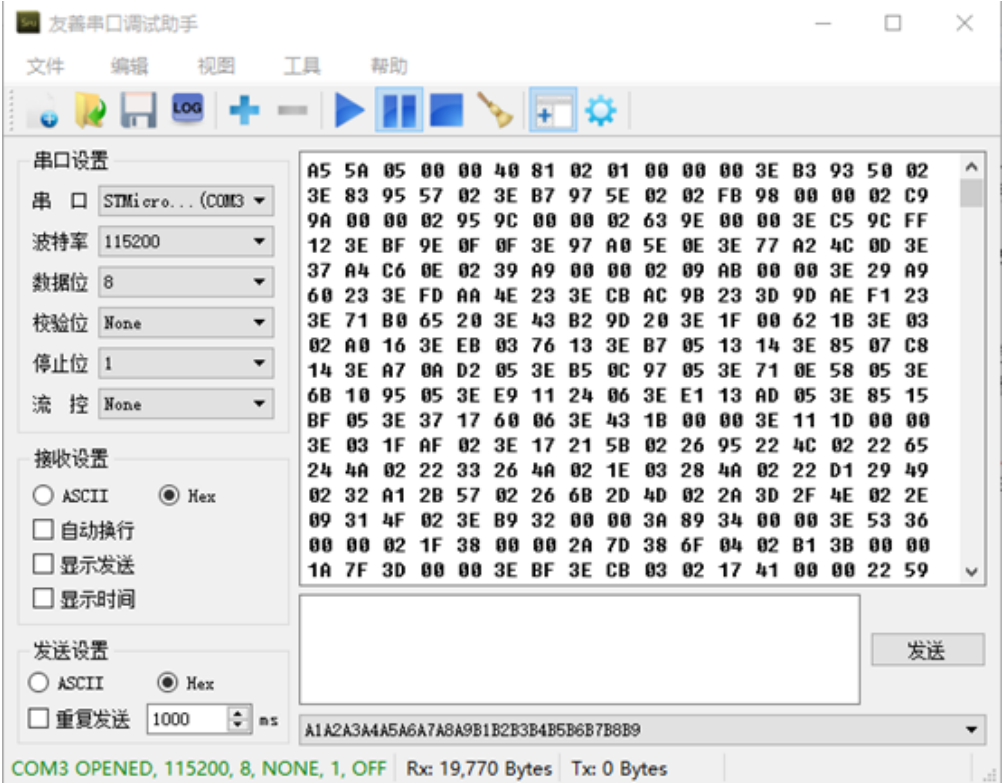
色彩	信号名	类型	描述	最小值	典型值	最大值
红	VCC	供电	总供电	4.9V	5V	5.5V
黄	TX	输出	测距核心串口输出	0V	3.3V	3.5V
绿	RX	输入	测距核心串口输入	0V	3.3V	3.5V
黑	GND	供电	地线	0V	0V	0V
蓝	MOTOCTL	输入	扫描电机使能/PWM 控制信号(高电平有效, 内部下拉)	0V	3.3V	5V

STM3212

A5 20 (scan)



STM32ST-linkVCCMotorctrl



stm32A5 5A 05 00 00 40 815RPLidar

RPLidar,

[RPLidar-MCU.rar](#)

