

## 6 Appendix

### 6.1 Appendix A: Pin Connections on Nucleo-64 board

Board Component	Microcontroller Pin	Comment
Green LED	PA 5	SB42 closed and SB29 open by default
Blue user button	PC 13	Pulled up externally
Black reset button	NRST	Connect to ground to reset
ST-Link UART TX	PA 2	STLK_TX
ST-Link UART RX	PA 3	STLK_RX
ST-Link SWO/TDO	PB 3	Trace output pin/Test Data Out pin
ST-Link SWDIO/TMS	PA 13	Data I/O pin/Test Mode State pin
ST-Link SWDCLK/TCK	PA 14	Clock pin/Test Clock pin

