LimiFrog Extension Connector

Refer to the *STM32L476 datasheet, Table 15*
for exhaustive list of alternate functions available on each STM32 GPIO routed to the extension
and for voltage tolerance (5V max or 3V6 max, depending on I/Os)

<mark>**LimiFrog « Prototype version »**</mark>

	Signal Available	***Notes***
Position 1	GPIO_PA5	
Position 2	GPIO PA6	
Position 3	GPIO PA7	
Position 4	MICOUT	*Analog output from microphone*
Position 5	GPIO PC10	
Position 6	GPIO PC11	
Position 7	GPIO PC12	*shared with PIO from BTLE module (BTLE*
Position 8	VCC_NUM	*3V (buck-regulated) power supply (same as*
Position 9	GPIO PB8	
Position 10	GPIO PB9	
Position 11	GND	*Ground power supply*

<mark>**LimiFrog v0.1**</mark>

	Signal Available	***Notes***
Position 1	GPIO PA6	*shared with PIO from BTLE module (BTLE*
Position 2	MICOUT	*Analog output from microphone, DC-biased*
Position 3	GPIO PA4	
Position 4	GPIO PA3	
Position 5	GPIO PA2	
Position 6	GPIO PA1	
Position 7	GPIO PA0	
Position 8	VCC_LDO	*Independent voltage from LDO, 3V3 nomin*
Position 9	GPIO PB8	
Position 10	GPIO PB9	
Position 11	GND	*Ground power supply*

n port

not driving by default)
s used on board)

not driving by default)
d at VCC/2 = 1.5V

al unless customized