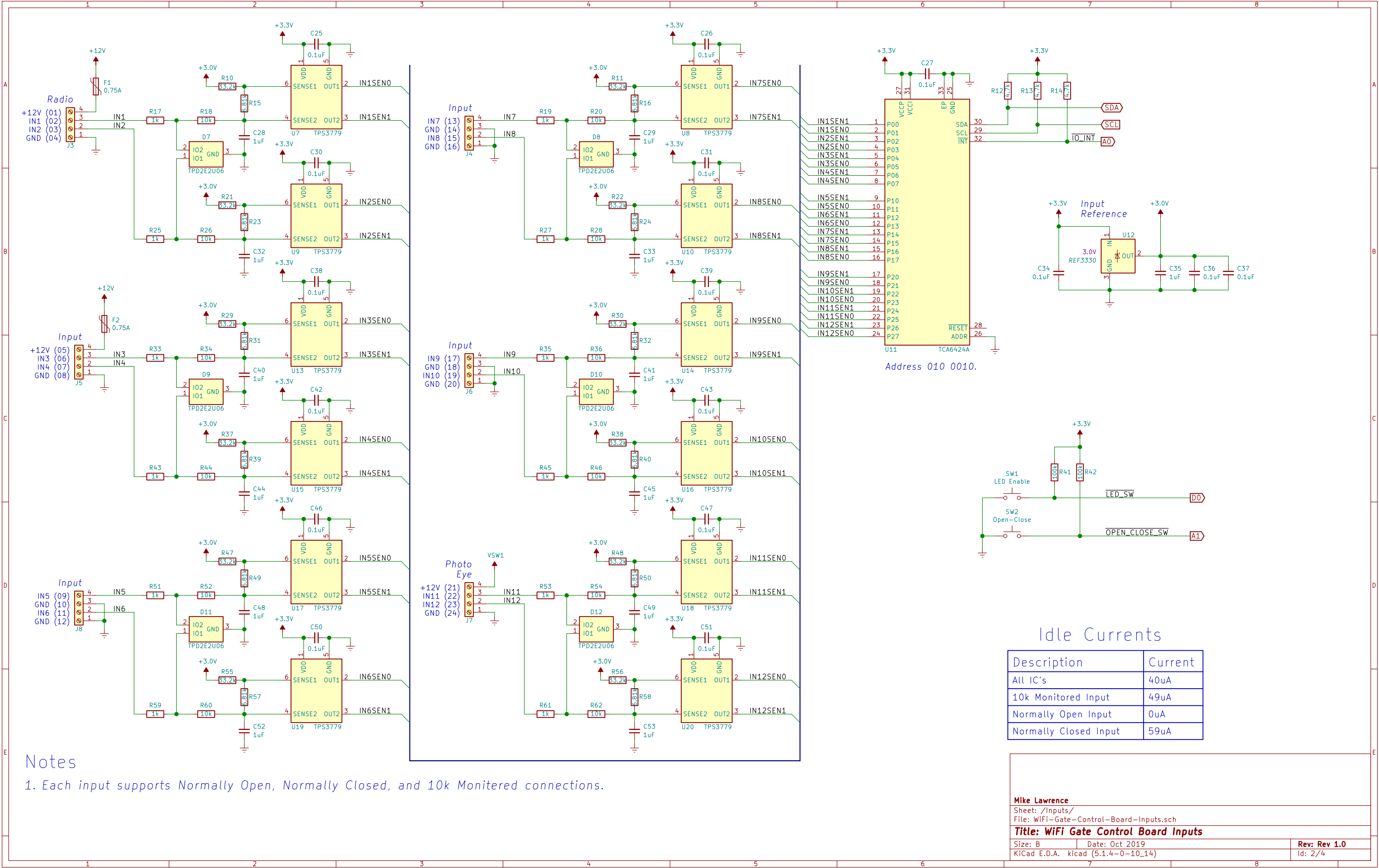


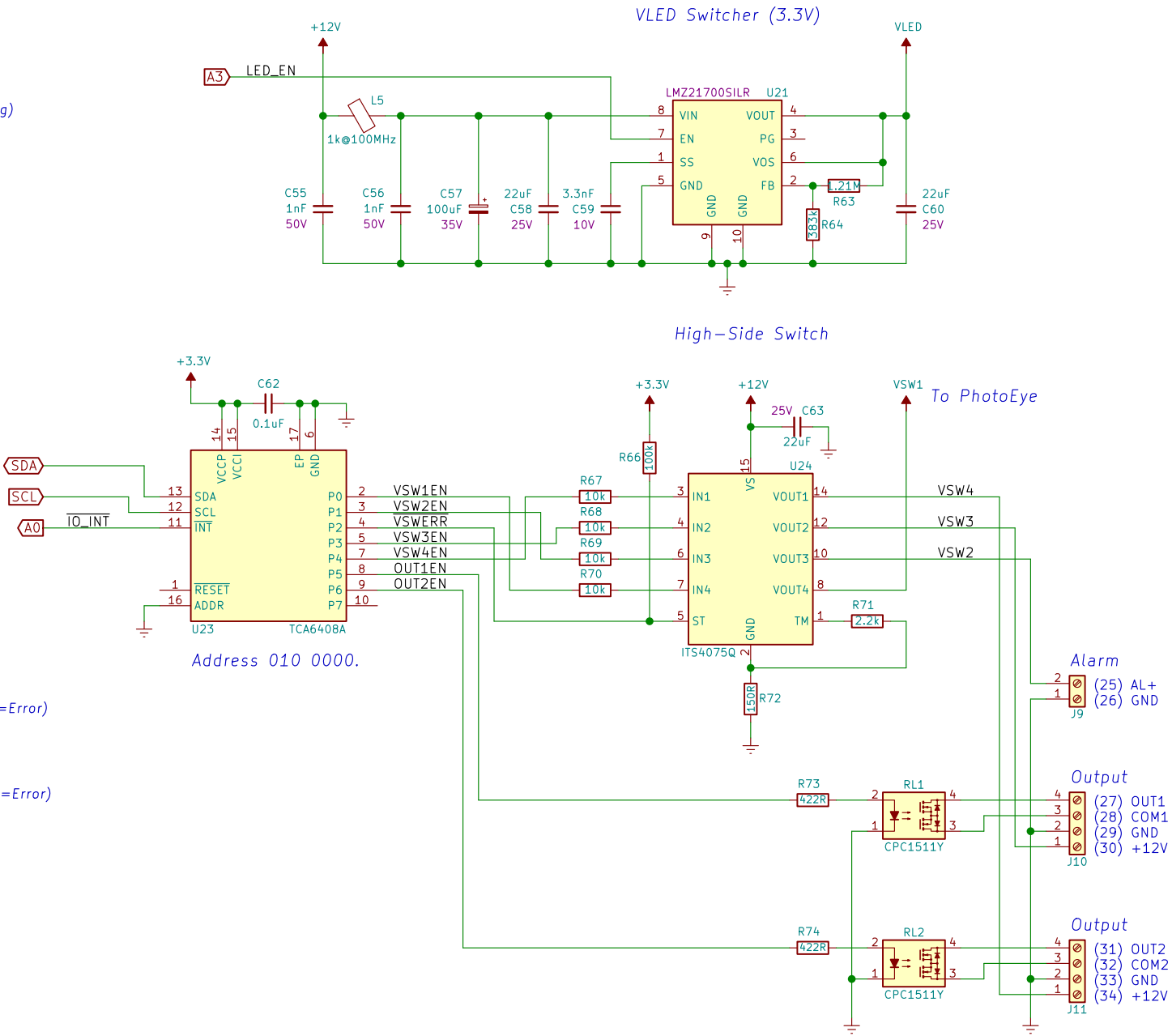
## Control Signals

PIN	NET	MCU Notes	Description
D0	LED_SW	Interrupt	LED Enable Pushbutton Input
D1	MEXT		Motor Extend
D2			Bootloader conflict
D3	MEN	PWM	Motor Enable
D4	MELIM	Interrupt	Motor Extend Limit Input
D5	MRLIM	Interrupt	Motor Retract Limit Input
D6	LED_GRN		Green Status LED
D7	LED_RED		Red Status LED
A0	IO_INT	Interrupt	IO Extender Interrupt
A1	OPEN_CLOSE_SW	Interrupt	Open–Stop–Close Pushbutton Input
A2	OWIRE		1–Wire
A3	LED_EN		Enable LEDs
A4			Unused
A5			Unused
A6	MIS	ADC	Motor Current Sense

## Notes

1. This board is compatible with the Arduino MKR1000 board which directly supports the ATWINC1500.
2. When the bootloader is running D2 is turned into an output at a logic '1'.





<div>Sheet: /Outputs and LEDs/ File: WiFi-Gate-Control-Board-Outputs.sch</div>		
<div>Title: <b>WiFi Gate Control Board Outputs and LEDs</b></div>		
<div>Size: B</div>	<div>Date: Oct 2019</div>	<div>Rev: Rev 1.0</div>
<div>KiCad E.D.A. kicad (5.1.4-0-10_14)</div>		<div>Id: 3/4</div>

