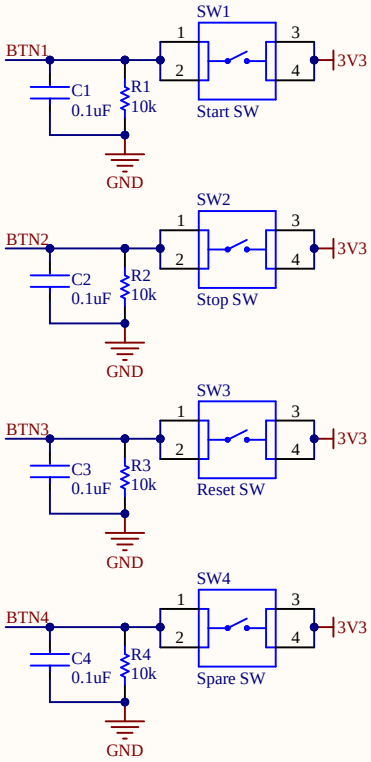
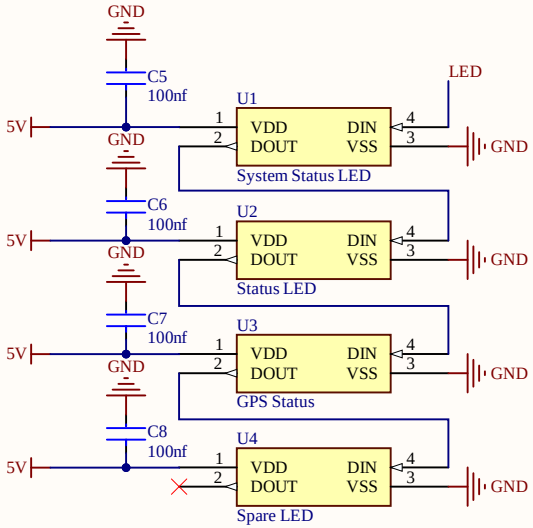
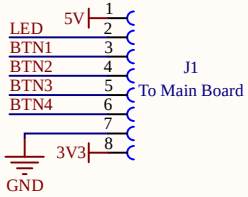
Buttons



Status LEDs



Connector



Title: ***User Control Board***		
Size: A4	Author: K. Pereira, J. Vartanian, E. Andrade, J. Wind	Revision: 1.0
Date: May 2021		Sheet: 1 of 1

Ignis Automation
15 Broadway
Ultimo, Sydney
NSW, 2007
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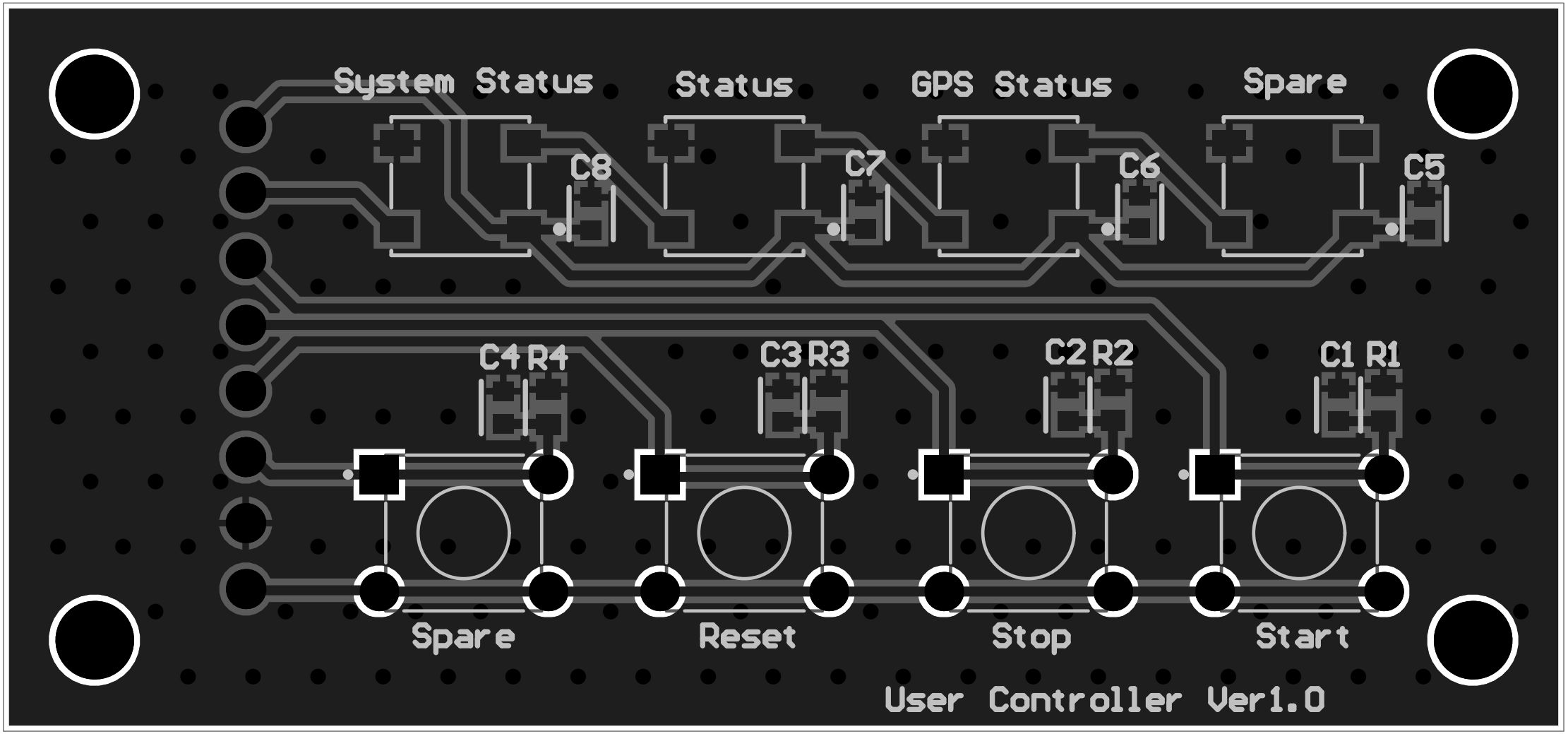
System Status
Status
GPS Status
Spare
C8
C7
C6
C5
C4 R4
C3 R3
C2 R2
C1 R1
Spare
Reset
Stop
Start
User Controller Ver1.0

Line #	Name	Description	Designator	Revision ID	Revision Status	Quantity	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
	0.1uF, 100nf	CAP CER 0.1UF 50V X7R 0603	C1, C2, C3, C4, C5, C6, C7, C8			8	Samsung	CL10A106MP8NNNC	Volume Production	Mouser	187-CL10A106MP8NNNC	0.082	0.82
	To Main Board	Single Row / Straight / Without Shroud Female header Female 7 | WÃ¼rth Elektronik 61300711821 @ Pin header, socket (Si...	J1			1							
	10k	RES SMD 10K OHM 1% 1/10W 0603	R1, R2, R3, R4			4	Panasonic	ERJ3EKF1001V	Volume Production	Digi-Key	P1.00KHCT-ND	0.037	0.37
	Start SW	SWITCH TACTILE SPST-NO 0.05A 24V	SW1			1							
	Stop SW	SWITCH TACTILE SPST-NO 0.05A 24V	SW2			1							
	Reset SW	SWITCH TACTILE SPST-NO 0.05A 24V	SW3			1							
	Spare SW	SWITCH TACTILE SPST-NO 0.05A 24V	SW4			1							
	System Status LED	WS2812B	U1			1							
	Status LED	WS2812B	U2			1							
	GPS Status	WS2812B	U3			1							
	Spare LED	WS2812B	U4			1							