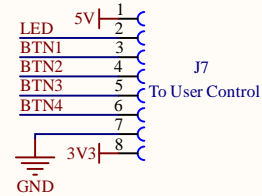
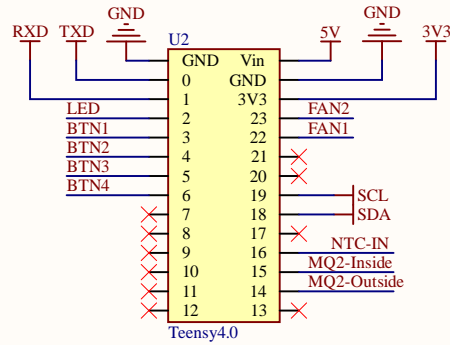
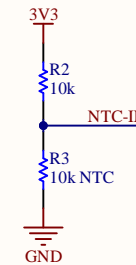


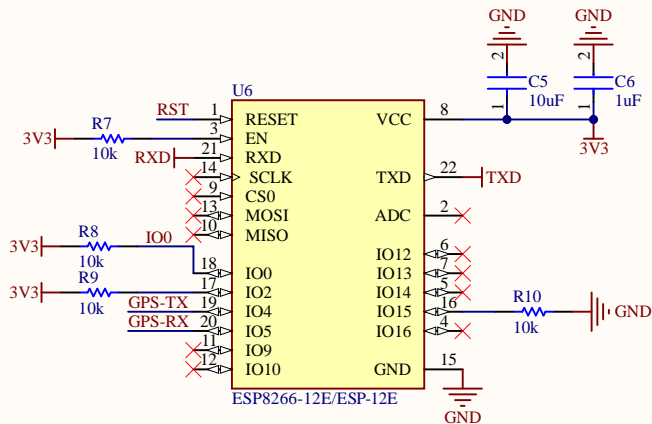
Teensy 4.0 - MCU1



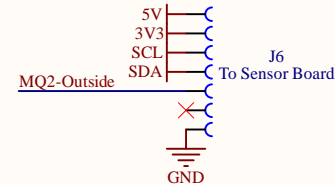
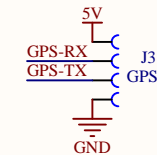
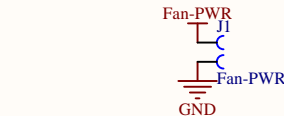
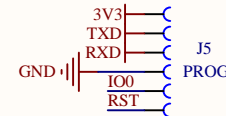
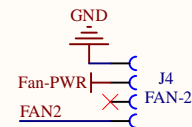
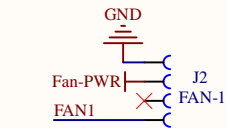
Inside Temp



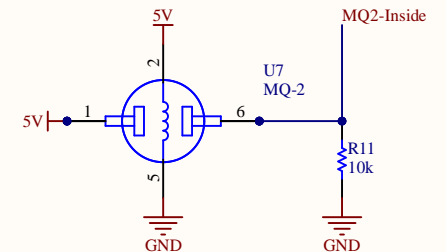
ESP8266 - MCU2



Connectors



MQ2-Inside



Title: **Microcontrollers and Peripherals**

Size: A4 Author: K. Pereira, J. Vartanian, E. Andrade, J. Wind

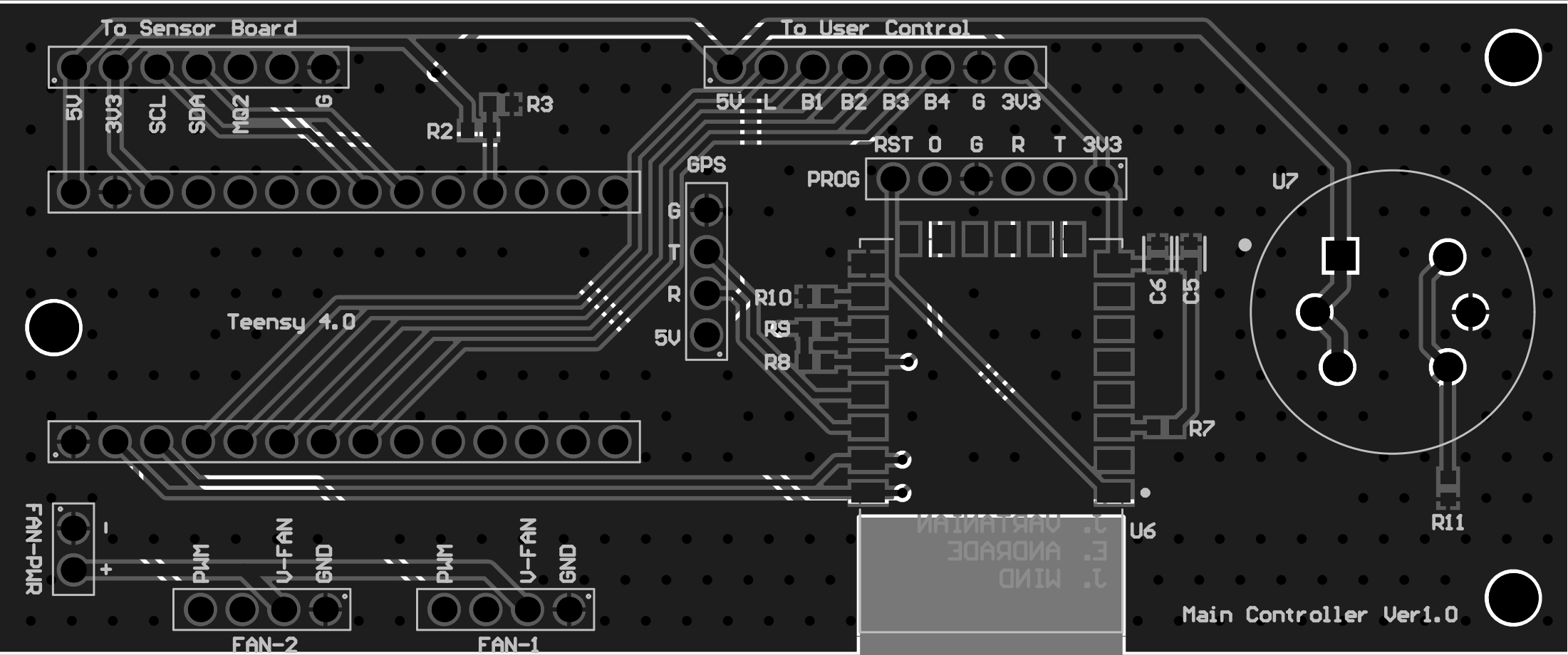
Date: May 2021

Revision: 1.0

Sheet: 1 of 1

Ignis Automation
15 Broadway
Ultimo, Sydney
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Australia





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
	10uF, 1uF	CAP CER 10UF 16V X5R 0603, CAP CER 1UF 25V X5R 0603	C5, C6			2	Samsung	CL10A106MP8NNNC	Volume Production	Future Electronics	7077016	0.196	0.392
	Fan-PWR	2 Pin	J1			1							
	FAN-1	4 Pin	J2			1							
	GPS	4 Pin	J3			1							
	FAN-2	4 Pin	J4			1							
	PROG	6 Pin	J5			1							
	To Sensor Board	7 Pin	J6			1							
	To User Control	8 Pin	J7			1							
	10k, 10k NTC	RES SMD 10K OHM 1% 1/10W 0603, THERMISTOR NTC 10KOHM 4250K 0603	R2, R3, R7, R8, R9, R10, R11			7	Panasonic	ERJ3EKF1001V	Volume Production	Digi-Key	P1.00KHCT-ND	0.037	0.37
	Teensy4.0	Teensy4.0	U2			1							
	ESP8266-12E/ESP-12E	RX TXRX MOD WIFI TRACE ANT SMD	U6			1							
	MQ-2	MQ-2 Gas Sensor	U7			1							