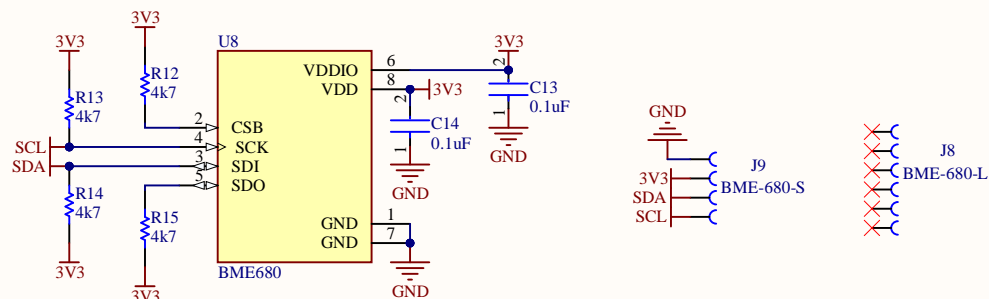


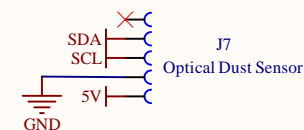
BME680



Connect module to J8 & J9 if BME680 not populated.

Address: 0x77

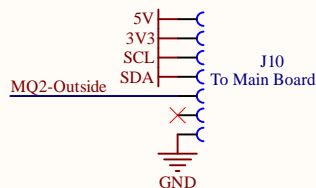
Optical Dust Sensor



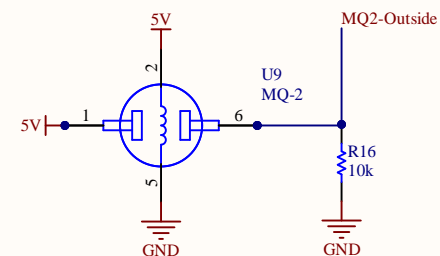
Pin 1 is UART only and not used. I2C is used on this device.


Address: ?????

To Main Board

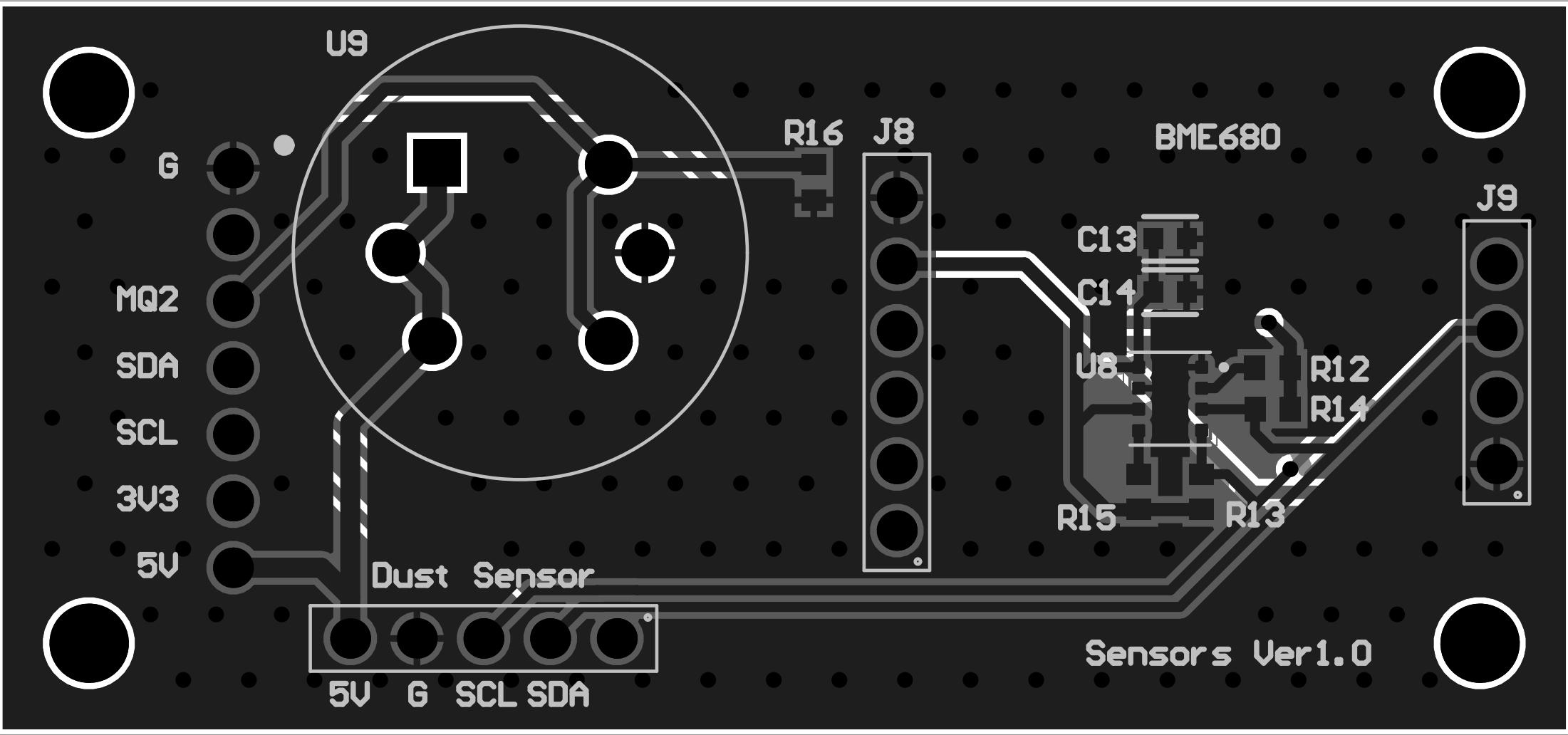


MQ2-Gas-Outside



Title: <i>Sensor Array</i>			<i>Ignis Automation</i> <i>15 Broadway</i> <i>Ultimo, Sydney</i> <i>NSW, 2007</i> <i>Australia</i>	
Size: A4	Author: K. Pereira, J. Vartanian, E. Andrade, J. Wind	Revision: 1.0		
Date: May 2021		Sheet: 1 of 1		





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	CAP CER 0.1UF 50V X7R 0603	C13, C14			2	Samsung	CL10A106MP8NNNC	Volume Production	Future Electronics	7077016	0.196	0.392
	Optical Dust Sensor	5 Pin	J7			1							
	BME-680-L	6 Pin	J8			1							
	BME-680-S	4 Pin	J9			1							
	To Main Board	7 Pin	J10			1							
	4k7, 10k	RES SMD 4.7K OHM 1% 1/10W 0603, RES SMD 10K OHM 1% 1/10W 0603	R12, R13, R14, R15, R16			5	Panasonic	ERJ3EKF1001V	Volume Production	Digi-Key	P1.00KHCT-ND	0.037	0.37
	BME680	SENSOR RH PRESSURE TEMP VOC	U8			1							
	MQ-2	MQ-2 Gas Sensor	U9			1							