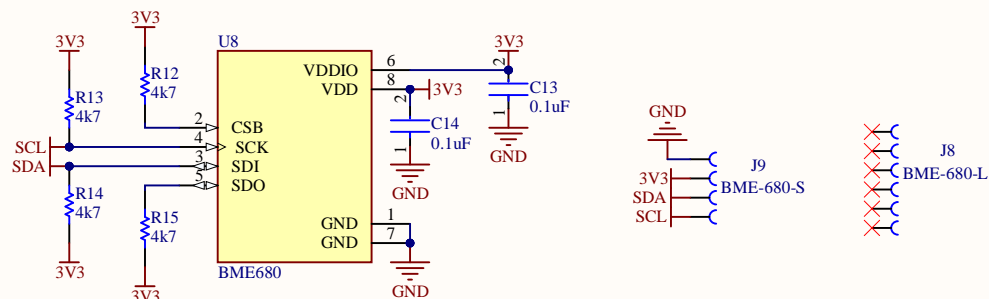


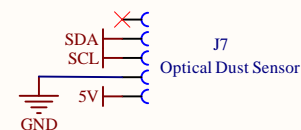
BME680



Connect module to J8 & J9 if BME680 not populated.

Address: 0x77

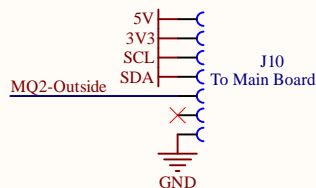
Optical Dust Sensor



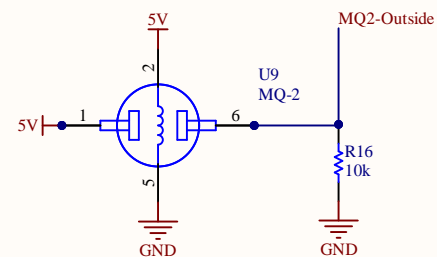
Pin 1 is UART only and not used. I2C is used on this device.


Address: ?????

To Main Board

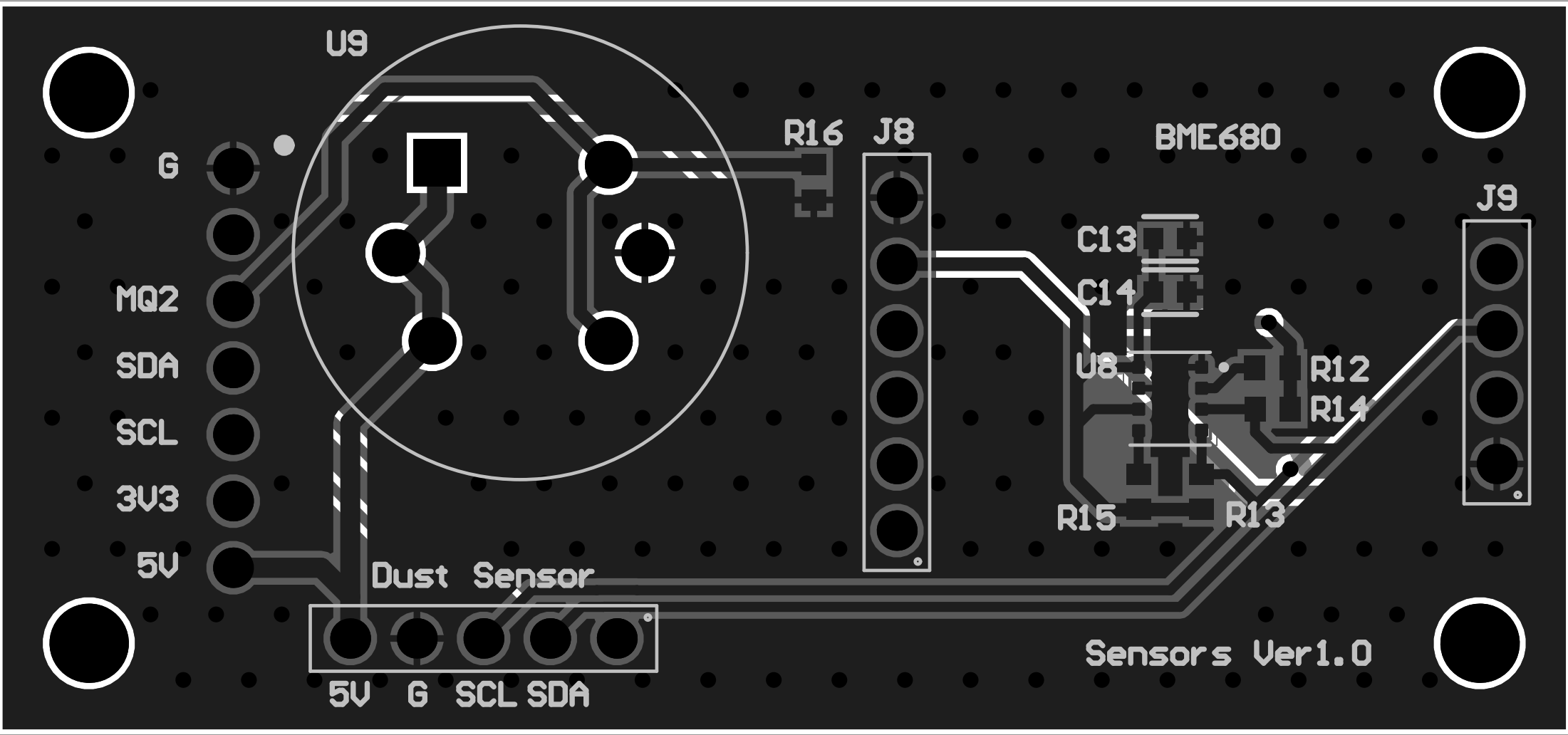


MQ2-Gas-Outside



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





Comment	Description	Designator	Footprint	LibRef	Quantity
0.1uF	CAP CER 0.1UF 50V X7R 0603	C13, C14	FP-CL10-IPC_C	CMP-13271-003248-1	2
Optical Dust Sensor	5 Pin	J7	61300711821	61300711821	1
BME-680-L	6 Pin	J8	61300711821	61300711821	1
BME-680-S	4 Pin	J9	61300711821	61300711821	1
To Main Board	7 Pin	J10	61300711821	61300711821	1
4k7	RES SMD 4.7K OHM 1% 1/10W 0603	R12, R13, R14, R15	RESC1608X55X30NL15 T15	CMP-2000-00180-1	4
10k	RES SMD 10K OHM 1% 1/10W 0603	R16	RESC1608X55X30NL15 T15	CMP-2000-00180-1	1
BME680	SENSOR RH PRESSURE TEMP VOC	U8	PSON80P300X300X10 0-8N	BME680	1
MQ-2	MQ-2 Gas Sensor	U9	XDCR_SEN-08880	MQ-2	1