

## Port Mapping Arduino Nano

Pin	Description
D2	Pump
D3	Valve 1
D4	Valve 2
D5	MUX Out – Frequency measurement
D6	Valve 3
D7	Valve 4
D8	External Power Out – inverted
D9	MUX D
D10	MUX C
D11	MUX A
D12	MUX B
A4	SDA
A5	SCL

## I<sup>2</sup>C Adresses

Address	IC Number	Description
0x40	IC303	INA219 – solar input measuring
0x45	IC302	INA219 – system consumption measuring
0x48	IC501	LM75 – system mainboard temperature
0x76	ext	BME280 – external temp and humidity sensor