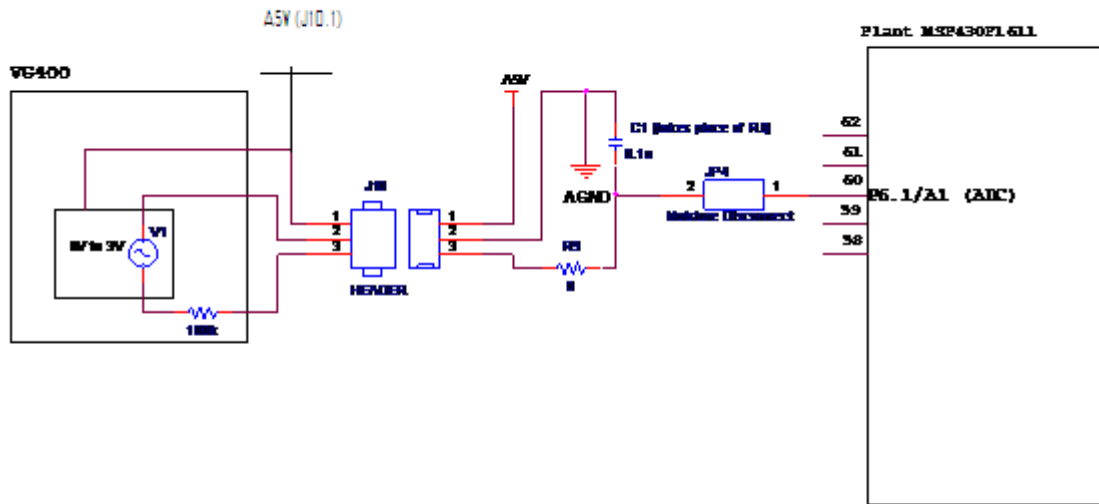


Plant moisture sensor

Circuit:



Sensor Wiring Table

Red	Power (3.3 to 20VDC)
Black	Output (testing ground)
Bare	Electrical Ground

MOISTURE LEVEL VS VOLTAGE	
soil moisture level	voltage (Volts)
air	2.50E-04
dry soil	2.80E-04
slight moisturized soil (78.8ml)	0.977
normal watered soil (double of r4)	1.108
just watered soil (wet)	1.46
very wet	1.538
saturation	1.512