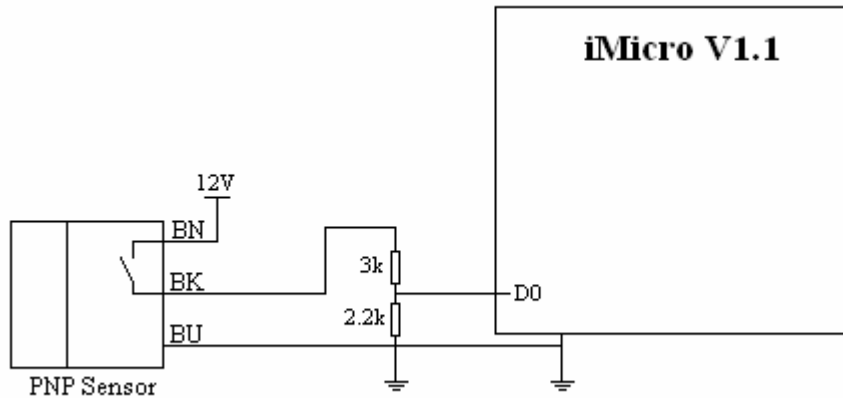


Application Note - How to connect a PNP/NPN sensor

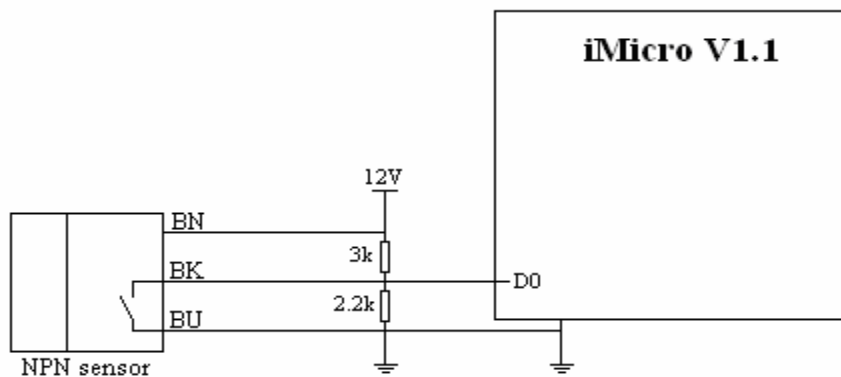
PNP/NPN sensors can be connected to the iMicro board by using Digital I/O ports. The diagram below is an example of how to connect the sensors to the board. The output of the sensor can be read by simply reading the respective Digital I/O.



```

_CONFIG_DIO0 = 1;    // configure D0 as input
Sensor = _DIN0;      // read in D1
if( Sensor == 1)     //sensor is ON
{
    .
    .                //user code
    .
}
else

```



```

_CONFIG_DIO0 = 1;    // configure D0 as input
Sensor = _DIN0;      // read in D1
if( Sensor == 0)     //sensor is ON
{
    .
    .                //user code
    .
}
else

```