

Application Note – How to Connect Infrared Emitter and Receiver

An infrared red sensor can be connected to the digital I/O ports as shown in the following diagram. According to this connection, D0 is configured as output port and D1 as input ports. The following code can be used to operate the infrared transmitter and receiver.

```

_CONFIG_DIO0 = 0;    // configure D0 as output
_CONFIG_DIO1 = 1;    // configure D1 as input

_DOUT0 = 1;         // on the transmitter
Sensor = _DIN1;     // read in D1
if( Sensor == 1)
{
    .                //user code
    .
    .
}
_DOUT0 = 0;        //off the transmitter

```

